Login/Logout							
Project Name: LearnHub							
Module Name:	Login	**Test executed by:**					
Test Title:	Verification of System's access rights	**Executer Signature:**					
Description:	To test the access rights	**Test date:**	20/09/2017				
Test Case	1a						
Test Description	Login with **correct** username BUT **incorrect** password						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Navigate to Login Page Provide Test data >> Select 'Login' button	Login as Foxtrot HR User ID: S1238912A Password: wrongpassword	1. Username and password textboxes should turn red 2. An error message should appear, saying that the username and password was entered wrongly				
Test Case	1b						
Test Description	Login with **correct** username AND **correct** password						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Navigate to Login Page Provide Test data >> Select 'Login' button	Login as Foxtrot HR User ID: S1238912A Password: foxtrot	User should be able to login as Foxtrot				
Test Case	2						
Test Description	Logout						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Click '**Logout**' on the navigation bar		User should be able to logout successfully				

AI Chatbot						

Project Name: LearnHub						
Module Name:	AI - Learny	**Test executed by:**				
Test Title:	Test AI's functionality and reaction	**Executer Signature:**				
Description:	To test on AI answers given	**Test date:**	20/09/2017			

Test Case		3				
Test Description	Interact with Learny					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Click on Learny chat window		User should be able to see Learny window expanded			
2	Greet Learny	Some examples: -Hello -Good morning	User should be able to see the Bot returning you with greetings			
3	Ask questions related to HR	Please look at the list of questions below. Please write down the questions you tested and the outputs received in the **_'Actual Results'_** Column found in this table.	User should be able to see the Bot answering your quesions. Expected answers are as below:			

Test Case		4				
Test Description	Interact with Learny					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Click on Learny chat window (Bottom left hand corner of the portal)		User should be able to see Learny window expanded			
2	Trigger feedback function by entering test input >>	Query: "I want to give feedback"	User should be able to see the Bot replying **"What is your name?"**			
3	Enter test input >>	Key in your name: For instance, James.	User should be able to see the Bot replying **"What department are you from?"**			
4	Enter your department >>	Key in your department: For instance, "HR".	User should be able to see the Bot replying **"What's your feedback?"**			
5	Enter your feedback >>	Key in your feedback: For instance, "This portal is great!"	User should be able to see the Bot replying **"Thanks for the feedback."**			

S/N	Questions:	Possible Answers:
1	If I am on probation, will I be eligible to go for training course?	Yes, you are eligible to go for training subject to the approval from CEO.
2	What kind of courses can I enrol for?	You can find more info on the list of courses at http://learnhub.amkh.org.sg/learnhub/viewAllModule.aspx
3	I have trouble applying the course online, who can I contact for help?	Please contact HR – Learning and Development at 6450-6272 or 6450-6122
4	What is the bond requirements like with AMK-THKH after my sponsorship?	For less than S$2000 – no bond, S$2000- S$10,000 – 1 year, S$10,000 – S$25,000 2 years, S$25,000 –S$50,000 3 years, S$50,000 – S$100,000 4 years S$100,000 and above – 5 years
5	Who do I liaise with for formal education matters?	Please contact HR – Learning and Development at 6450-6272 or 6450-6122.
6	Is there any study leave for formal education?	3 working days of study leave
7	If my course is overseas, is there any time allowance granted for me to travel?	Depends on the travelling hours, please refer to training policy guide

8	When do I apply for sponsership of formal education?	You can choose to apply for sponsership of formal education at the annual LNA exercise.			
9	When does my bond commence after I have completed my sponsership?	Your bond will commence once you return to work with AMK-THKH			
10	Is it compulsory to attend the new staff orientation?	Yes, it is compulsory to attend both 1st day orientation as well as the Corporate Orientation that is conducted every 3 months.			
11	Will orientation attendance contribute to my training hours?	Yes, both 1st day and corporate orientation will contribute to my training hours.			
12	How do I get my reimbursement for any expenses incurred during the course of my studies?	Submit all claims to HR- L&D department for reimbursements.			
13	Can I attempt a quiz multiple times?	You may attempt a quiz as many times as specified in the quiz's details.			
14	How to view and update my personal information?	You can view and update your personal information here: http://learnhub. amkh.org.sg/LearnHub/accountSetting.aspx			
15	Where do I view my progress report?	You can view your progress report by clicking the 'Reports' tab.			
16	Where do I view my quiz results?	You can view your quiz results by clicking the 'Quizzes' Tab, found in course's details.			
17	How to change my password?	You can change your password here: http://learnhub.amkh.org. sg/LearnHub/changePassword.aspx			
18	How are learning hours awarded?	Learning hours will be awarded once you have met the passing requirements listed in the module quiz description			
19	Do I need to apply for courses in the portal?	No, you don't need to apply for e-learning courses in this portal.			
20	If I fail to complete a quiz by the end of the course, what will happen?	You will not be awarded the learning hours for the course.			

HR AI Configurations							
	Project Name: LearnHub						
Module Name:	AI - Learny		**Test executed by:**				
Test Title:	Configuring Learny		**Executer Signature:**				
Description:	Edit Learny		**Test date:**	20/09/2017			
ANSWERS							
Test Case		5					
Test Description	View List of Existing Answers						
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Navigate to Login Page Provide Test data >> Select 'Login' button	Login as Foxtrot HR User ID: S1238912A Password: foxtrot	User should be able to login as Foxtrot			
	2	Click on 'Configuration' tab on navigation bar Click the 'Answers' tile under the category 'Ask Learny'		The list of existing answers should be displayed to the user			
Test Case		6					
Test Description	Add new answers into Learny unsuccessfully with incorrect entries						
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	**<Continuing from previous Step>**					
	2	Click on the '**+ New**' button Enter test inputs >>	**Choose an Intent:** About Me **Choose an Entity to Represent:** [blank] **Answers:** [blank]				
	3	Click the '**Submit**' button		An error message should be displayed to the user, indicating which field(s) are incorrect			
Test Case		7					
Test Description	Add new answers into Learny successfully with correct entries						
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	**<Continuing from previous Step>**					
	2	Click '**Cancel**' to go back to form Enter test inputs >>	Choose an Intent*: About Me Choose an Entity to Represent: [blank] Answers*: I am Learny I am your friend				
	3	Click the '**Submit**' button Click the '**Submit**' button in the confirmation page		The new answer should be added into the list of existing answers			
Test Case		8					
Test Description	Edit answers in Learny unsuccessfully with incorrect entries						
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	**<Continuing from previous Step>**					
	2	Click on any **blue pen icon** button to edit the answer Enter test inputs >>	**Choose an Intent:** About Me **Choose an Entity to Represent:** [blank] **Answers:** [blank]				
	3	Click '**Update**' button		An error message should be displayed to the user, indicating which field(s) are incorrect			

Test Case		9					
Test Description	Edit answers in Learny successfully with correct entries						
Steps	Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	<Continuing from previous Step>						
2	Click '**Cancel**' to go back to form Enter test inputs >>		**Choose an Intent***: About Me **Choose an Entity to Represent**: [blank] **Answers***: I can edit this answer!				
3	Click '**Update**' button Click '**Overwrite**' button in the confirmation page			The updated answer should be reflected in the list of existing answers			

Test Case		10					
Test Description	Delete answers in Learny						
Steps	Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	<Continuing from previous Step>						
1	Click on any **blue pen icon** button to edit the answer Click the red '**Delete**' button			A confirmation page should appear to the user			
2	Click the '**Delete**' button in the confirmation page			User should be redirected to the list of answers page The deleted answer should not be showing in the list of answers			

Test Case		11					
Test Description	Search answers in Learny						
Steps	Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	Enter test inputs in the **Search Bar**		'Hello'	A list of answers which matches the user's search words should be displayed to the user			

INTENTS

Test Case		12					
Test Description	View List of Intents (Categories) in Learny						
Steps	Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	Click on 'Configuration' tab on navigation bar Click the 'Intents' tile under the category 'Ask Learny'			The list of existing intents should be displayed to the user			

Test Case		13					
Test Description	Add new intents into Learny unsuccessfully with incorrect entries						
Steps	Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	<Continuing from previous Step>						
1	Click the '**+ New**' button Enter blank test inputs >>		**Name of Intent**: [blank]				
2	Click the '**Submit**' button			An error message should be displayed to the user, indicating which field(s) are incorrect			

Test Case		14					
Test Description	Add new intents into Learny successfully with correct entries						
Steps	Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes

	1	<Continuing from previous Step>					
	2	Enter test inputs >>	**Name of Intent:** A New Intent				
	3	Click the **'Submit'** button Click the **'Submit'** button in the confirmation page		The new intent should be added into the list of existing intents			
Test Case		15					
Test Description		Edit intents in Learny unsuccessfully with incorrect entries					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Click on any **blue pen icon** button to edit the answer Enter blank test inputs >>	**Edit Intent:** [blank]				
	3	Click **'Update'** button		An error message should be displayed to the user, indicating which field(s) are incorrect			
Test Case		16					
Test Description		Edit intents in Learny successfully with correct entries					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Enter test inputs >>	**Edit Intent:** An Edited Intent				
	3	Click **'Update'** button Click **'Overwrite'** button in the confirmation page		The updated intent should be reflected in the list of existing intents			
Test Case		17					
Test Description		Delete intents in Learny					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Click on any **blue pen icon** button to edit the answer Click the red **'Delete'** button		A confirmation page should appear to the user			
	3	Click the **'Delete'** button in the confirmation page		User should be redirected to the list of answers page The deleted intents should not be showing in the list.			
Test Case		18					
Test Description		Search intents in Learny					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Enter test inputs in the **Search Bar**	'About'	A list of intents which matches the user's search words should be displayed to the user			
INITIALIZATION MESSAGE							
Test Case		19					
Test Description		View List of Initialisation Message in Learny					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Click on 'Configuration' tab on navigation bar Click the 'Initialisation Message' tile under the category 'Ask Learny'		The list of existing initialization messages should be displayed to the user			
Test Case		20					
Test Description		Add new Initialisation Message into Learny unsuccessfully with incorrect entries					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**

	1	Click the '**+ New**' button Enter blank test inputs >>	**Initialization Message:** [blank]				
	2	Click the '**Add**' button		An error message should be displayed to the user, indicating which field(s) are incorrect			
Test Case		21					
Test Description		Add new Initialisation Message into Learny successfully with correct entries					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Enter test inputs >>	**Initialization Message:** A New Initialization Message				
	3	Click the '**Add**' button		The new initialization message should be added into the list of existing initialization messages			
Test Case		22					
Test Description		Edit Initialisation Message in Learny unsuccessfully with incorrect entries					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Click on any of the **blue** pen icon button to edit the answer Enter test inputs >>	**Edit Initialization Message:** [blank]				
	2	Click '**Submit Edits**' button		An error message should be displayed to the user, indicating which field(s) are incorrect			
Test Case		23					
Test Description		Edit Initialisation Message in Learny successfully with correct entries					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Enter test inputs >>	**Edit Initialization Message:** An Edited Initialization Message				
	3	Click '**Update**' button					
	4	Click '**Overwrite**' button		The updated initialization message should be reflected in the list of existing initialization messages			
Test Case		24					
Test Description		Delete Initialisation Message in Learny					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Click on any of the **blue** pen icon button to edit the answer Click the red '**Delete**' button		A confirmation page should appear to the user			
	3	Click the '**Delete**' button in the confirmation page		User should be redirected to the list of answers page The deleted initialisation message should not be showing in the list.			
Test Case		25					
Test Description		Search Initialisation Message in Learny					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					

| | | Enter test inputs in the **Search Bar** | 'Hello' | A list of initialization messages which matches the user's search words should be displayed to the user | | | |
| | 2 | | | | | | |

HELP QUESTIONS							
Test Case		26					
Test Description		View List of Help Questions in Learny					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Click on 'Configuration' tab on navigation bar Click the 'Help Questions' tile under the category 'Ask Learny'		The list of existing help questions should be displayed to the user			
Test Case		27					
Test Description		Add new Help Questions into Learny unsuccessfully with incorrect entries					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Click '**New**' Enter blank test inputs >>	**Help Question:** [blank]				
	3	Click the '**Add**' button		An error message should be displayed to the user, indicating which field(s) are incorrect			
Test Case		28					
Test Description		Add new Help Questions into Learny successfully with correct entries					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Enter test inputs >>	**Help Question:** A New Help Question				
	3	Click the '**Add**' button		The new help question should be added into the list of existing help questions			
Test Case		29					
Test Description		Edit Help Questions in Learny unsuccessfully with incorrect entries					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Click on any of the **blue** pen icon button to edit the answer Enter blank test inputs >>	**Edit Help Question:** [BLANK]				
	3	Click '**Update**' button		An error message should be displayed to the user, indicating which field(s) are incorrect			
Test Case		30					
Test Description		Edit Help Questions in Learny successfully with correct entries					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Enter test inputs >>	**Edit Help Question:** *An Edited Help Question*				
	3	Click '**Update**' button		The updated help question should be reflected in the list of existing help questions			
Test Case		31					
Test Description		Delete Help Questions in Learny					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**

	1	<Continuing from previous Step>				
	2	Click on any of the blue pen icon button to edit the answer Click the red '**Delete**' button		A confirmation page should appear to the user		
	3	Click the '**Delete**' button in the confirmation page		User should be redirected to the list of answers page The deleted help question should not be showing in the list.		

Test Case		32				
Test Description		Search Help Questions in Learny				
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>				
	2	Enter test inputs in the **Search Bar**	'Help'	A list of help questions which matches the user's search words should be displayed to the user		

FEEDBACK

Test Case		33				
Test Description		View List of Feedback in Learny				
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Click on '**Configuration**' tab on navigation bar Click the '**Feedback**' tile under the category '**Ask Learny**'		The list of feedback should be displayed to the user		

Test Case		34				
Test Description		Configure receipent of Feedback - UNSUCCESSFUL				
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>				
	2	Click on '**Settings**' Enter test inputs >>	Email: [BLANK]			
	3	Click "Save"		An error message should be displayed to the user, indicating which field(s) are incorrect		

Test Case		35				
Test Description		Configure receipent of Feedback - SUCCESSFUL				
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>				
	2	Click on '**Settings**' Enter test inputs >>	Email: [To Your Desired Email Address OR You can use any of student's email]				Please approach SMU Team should you need help
	3	Click "Save"		Email should be updated to your desired email. You can key in a new feedback using Chatbot Learny to test this function. To do so, please use AI Chatbot test scripts - Test Case 4.		

Test Case		36				
Test Description		Search Feedback in Learny				
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>				
	2	Enter test inputs in the **Search Bar**	'Good'	A list of feedback which matches the user's search words should be displayed to the user		

INSTRUCTIONS						
Test Case	37					
Test Description	View Learny's Instructions					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Click on 'Configuration' tab on navigation bar Click the 'Instructions' tile under the category 'Ask Learny'		Learny's instructions should be displayed to the user			
Test Case	38					
Test Description	Create Learny's Instructions					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	**<Continuing from previous Step>**					
2	Enter test inputs >>	"I am editing Learny's instructions"				
3	Click the '**Save**' button					
4	Click the '**Instructions**' tile again		User should be able to see his/her updated version of the Learny Instructions			

eLearn Portal - Staff							
Project Name: LearnHub							
Module Name:	Elearn		**Test executed by:**				
Test Title:	Test on basic functionalities of elearn portal		**Executer Signature:**				
Description:	Basic functionalities include View Course and Search Course		**Test date:**	20/09/2017			

COURSE

Test Case		39					
Test Description	Viewing different categories of courses on portal						
Steps	Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	Navigate to Login Page Provide Test data >> Select 'Login' button		Login as Kilo from Allied Health User ID: S1923041C Password: kilo	User should be able to login as Kilo			
2	Select 'Courses' tab on navigation bar Select 'Compulsory'			User should be able to view the whole list of courses that are listed under compulsory			
3	Select 'Courses' tab on navigation bar Select 'Leadership'			User should be able to view the whole list of courses that are listed under Leadership Skills Training tab			
4	Select 'Courses' tab on navigation bar Select 'Professional'			User should be able to view the whole list of courses that are listed under Professional Training tab			

Test Case		40					
Test Description	View course details for course type - Classroom Learning						
Steps	Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	Select 'Courses' tab on navigation bar Select 'Compulsory'			User should be able to view the whole list of courses that are listed under compulsory			
2	Select any courses with course type - Classroom Learning (eg **Test Classroom Learning Course**) Click '**View Details**'			Users will be brought to a page whereby more information pertaining to 'Test Classroom Learning Course' could be reviewed You should only be able to see **Course Info**. There will **not be Quizzes and Materials Tab**			

Test Case		41					
Test Description	View course details for course type - Online Learning						
Steps	Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	Select 'Courses' tab on navigation bar Select 'Compulsory'			User should be able to view the whole list of courses that are listed under compulsory			
2	Select any courses with course type - Online Learning (eg **Wash Hands Course**) Click '**View Details**'			Users will be brought to a page whereby more information pertaining to 'Wash Hands' could be reviewed Users should be able to see **Course Info, Quizzes,** and **Materials**			

Test Case		42					
Test Description	Download course materials						
Steps	Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes

	1	<Continuing from previous Step>					
	2	Click **'Learning Materials'** tab Click on the learning material's file name to download		User should be able to download course materials			
	3	Open the downloaded material		User should be able to view the downloaded material			

QUIZ

Test Case	43					
Test Description	View and Start/End Quiz **SUCCESS** WITHIN allowed number of attempts + Quiz 'BACK' button					
Steps	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	<Continuing from previous Step>					
2	Click **'Quizzes'** tab Select 'Attempt Quiz' on any quiz Click Start Quiz'		User should be brought to a new page with quiz descriptions. User should be able to start the quiz and answer each question Quiz timer should start counting down from the specified time			
3	Click on browser's **'BACK'** button		The user should be exited from the quiz and has to start the quiz all over again			
4	Select your options Click **'Next Question'** if there are more questions, else click **'Finish Quiz'** <OR when the timer reaches 0>		The system should mark and display the user's results			

Test Case	44					
Test Description	View and Start Quiz **FAILS** AFTER EXCEEDING allowed number of attempts					
Steps	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	<Continuing from previous Step>					
2	Click **'Course Details'** link to go back to course page Click **'Quizzes'** tab		The 'Attempt Quiz' button should not be shown to the user			Please ensure that you have already maxed the number of attempts prior to this step

Test Case	45					
Test Description	View Quiz Results					
Steps	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	<Continuing from previous Step>					
1	Click **'Course Details'** link to go back to course page Click **'Quizzes'** tab Click on the **'Attempt 1'** hyperlink		The user's results of Attempt 1 should be displayed			

SEARCH

Test Case	46					
Test Description	Search course					
Steps	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	Select 'Courses' tab on navigation bar Select 'Compulsory'		User should be able to view the whole list of courses that are listed under compulsory			

		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
2	Click on search bar and key in test inputs (eg 'Wash')	'Wash'	The portal should show ONLY the list of courses that matches with the searched word			

Test Case		47				
Test Description	View Account Information					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Hover on **'Support'** tab on navigation bar Select **'Account Settings'**		The user account's info should be displayed to the user			

Test Case		48				
Test Description	Edit Account Information **UNSUCCESSFULLY**					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Hover on **'Support'** tab on navigation bar Select **'Account Settings'**		The user account's info should be displayed to the user			
2	Enter test inputs >>	**Address**: [BLANK]				
3	Click the **'Save'** button		Error message(s) should appear, indicating which field(s) is/are missing The user account's info should not be updated			

Test Case		49				
Test Description	Edit Account Information **SUCCESSFULLY**					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	<Continuing from previous Step>					
2	Enter test inputs >>	**Address**: AMKTHKH				
3	Click the **'Save'** button		The user account's info should be updated			

Test Case		50				
Test Description	Edit Account Information - Password **UNSUCCESSFULLY**					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Hover on **'Support'** tab on navigation bar Select **'Account Settings'**		The user account's info should be displayed to the user			
2	Click on **'Change Password'** tab Enter test inputs >>	**Current Password**: [BLANK] **New Password**: [BLANK] **Re-type New Password:** [BLANK]				
3	Click the **'Save'** button		Error message(s) should appear, indicating which field(s) is/are missing The user account's password should not be updated			

Test Case		51				
Test Description	Edit Account Information - Password **SUCCESSFULLY**					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	<Continuing from previous Step>					

2	Enter test inputs >>	**Current Password**: [User's current password] **New Password**: amkthkh1 **Re-type New Password:** amkthkh1				
3	Click the '**Save**' button		The user's password should be updated User can re-login to test this out			

eLearn Portal - Course Creator						
		Project Name: LearnHub				
Module Name:	Elearn	**Test executed by:**				
Test Title:	Test on basic functionalities of elearn portal	**Executer Signature:**				
Description:	Basic functionalities include Create Read Update Delete of Courses	**Test date:**	20/09/2017			
Test Case		5				
Test Description	Viewing different categories of courses on portal					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Navigate to Login Page Provide Test data >> Select 'Login' button	Login as Adkar from HR User ID: S7442654I Password: adkar	User should be able to login as Course Creator Adkar			
2	Select 'Courses' tab on navigation bar Select 'Compulsory'		User should be able to view the whole list of courses that are listed under compulsory			
3	Select 'Courses' tab on navigation bar Select 'Leadership'		User should be able to view the whole list of courses that are listed under Leadership Skills Training tab			
4	Select 'Courses' tab on navigation bar Select 'Professional'		User should be able to view the whole list of courses that are listed under Professional Training tab			
Test Case		6				
Test Description	View course details					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Select 'Courses' tab on navigation bar Select 'Compulsory'		User should be able to view the whole list of courses that are listed under compulsory			
2	Select any courses (eg Wash Hands Course) Click 'View Details'		Users will be brought to a page whereby more information pertaining to 'Wash Hands' could be reviewed			
Test Case		7				
Test Description	Search course					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Select 'Courses' tab on navigation bar Select 'Compulsory'		User should be able to view the whole list of courses that are listed under compulsory			
2	Click on search bar and key in test inputs (eg 'Wash')	'Wash'	The portal should show ONLY the list of courses that matches with the searched word			
Test Case		8				
Test Description	Create course with missing/inaccurate compulsory fields					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**

			Select 'Courses' tab on navigation bar Select 'Compulsory' Click the ellipses button on the top right - 'Create New Courses' Enter test inputs >>	Course Category: Compulsory Course Type: Online Learning Name of Course: [BLANK] Description of Course: This is a compulsory course Learning Hours: 3 Target Audience: Staff Date to Display: 20 September 2017 to 20 September 2018 Course Pre-requisite: [choose any course] OR [blank]	Error message(s) should show to indicate that: 1. Missing fields that need to be fillled 2. Only integers are allowed to be entered for hours awarded 3. Start date is later than the end date User should not be able to create the course			
		1						

Test Case			9					
Test Description		Create course successfully with correct fields						
Steps		Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
			<Continuing from previous Step>					
		1	Enter test inputs >>	Course Category: Compulsory Course Type: Online Learning Name of Course: Cardiac Arrest Course Description of Course: This is a compulsory course Learning Hours: 3 Target Audience: Staff Date to Display: 20 September 2017 to 20 September 2018 Course Pre-requisite: [choose any course] OR [blank]	User should be able to create the course successfully			
		2	Click '**Submit**'		User should be able to view the compulsory course created in previous step			

Test Case			10					
Test Description		Edit course with missing/inaccurate compulsory fields						
Steps		Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
		1	Select 'Courses' tab on navigation bar Select 'Compulsory' Select Cardiac Arrest Course" > 'View Details' Click the ellipses button on the top right - 'Edit Course' Edit the course with the fields marked in Bold	Course Category: Compulsory Course Type: Online Learning Name of Course: [BLANK] Description of Course: [BLANK] Learning Hours: [BLANK] Target Audience: Staff Date to Display: 20 September 2017 to 20 September 2018 Course Pre-requisite: [choose any course] OR [blank]	Error message(s) should be shown to indicate to the user the: 1. Missing required fields 2. Only integers are allowed to be entered for hours awarded The course should not be updated			

Test Case		11					
Test Description	Edit course successfully with correct fields						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
		<Continuing from previous Step>					
1	Enter the edited test inputs >> *Edited fields are marked in Bold*	Course Category: Compulsory Course Type: Online Learning Name of Course: Cardiac Arrest Course version 2 Description of Course: This is a compulsory course Learning Hours: 2 Target Audience: HR Date to Display: 10 August 2017 - 10 January 2018 Course Pre-requisite: [tick any course] OR [blank]	User should be able to edit the course successfully			
2	Click '**Save Changes**'		User should be able to view the edited compulsory course created in previous step			

Test Case		12					
Test Description	Upload Course Materials **unsuccessfully**						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Select 'Courses' tab on navigation bar Select 'Compulsory' Select "Cardiac Arrest Course version 2" > 'View Details' Click 'Learning Materials' tab Click the ellipses button on the top right > 'Upload Learning Materials' Enter test inputs >>	**Enter Upload Title:** [blank] **Enter Upload Description:** Sample Cardiac Description **Choose File:** *<ANY FILE>*				
2	Click '**Upload**' button		Error message should be shown to indicate the missing fields that need to be filled User should not be able to upload course materials			

Test Case		13					
Test Description	Upload Course Materials **successfully**						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1		**<Continuing from previous Step>**					
2	Select 'Courses' tab on navigation bar Select 'Compulsory' Select "Cardiac Arrest Course version 2" > 'View Details' Click 'Learning Materials' tab Click the ellipses button on the top right > 'Upload Learning Materials' Enter test inputs >>	Enter Upload Title: Slides for this Course Enter Upload Description: Sample Cardiac Description Choose File: <ANY FILE>				
3	Click '**Upload**' button		User should be able to upload course materials successfully			
4	Select 'Courses' tab on navigation bar Select 'Compulsory' Key in Search bar: "Cardiac Arrest Course" Select "Cardiac Arrest Course version 2" > 'View Details' Click 'Learning Materials' tab		User should be able to view the uploaded course material			
5	Click on the learning material's file name to download		User should be able to download course materials			

Test Case		14					
Test Description	Delete Course Materials						
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Click **'Learning Materials'** tab Click on the red trash can button of any uploaded course material Click the **'OK'** button in the pop up message box			The course material should not be shown in the list of course materials			

Test Case		15					
Test Description	Create course testimonials **unsuccessfully** with incomplete fields						
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Select "Wash Hands Course" > 'View Details' Click the pen icon button in grey, located on the right of 'Testimonial' Enter test inputs >>		**Title:** [blank] **Body:** [blank] **Name:** Patrick				
2	Click the **'Submit'** button			An error message should be displayed to the user			

Test Case		16					
Test Description	Create course testimonials **successfully** with correct fields						
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1			**<Continuing from previous Step>**				
2	Enter test inputs >>		**Title:** Saved a life **Body:** This course helped me to save a life! **Name:** Patrick				
3	Click the **'Submit'** button			The testimonial should be shown in the list of testimonials			

Test Case		17					
Test Description	Delete course testimonial						
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
2	Click the **Red Trash Button** beside the particular testimonial						
2	Click the **'OK'** button in the pop up on top of the page			Testimonial should be successfully deleted			

Test Case		18					
Test Description	Deactivate Course						
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Select 'Courses' tab on navigation bar Select 'Compulsory' Select "Cardiac Arrest Course version 2" > 'View Details' Click on the ellipses icon button, located on the extreme right of course's title Click on the 'Edit Course' button Scroll down and click the 'Deactivate Course' button Click the 'Deactivate' button in the confirmation page						
2	Go back to the list of courses in Compulsory Training Select 'Courses' tab on navigation bar Select 'Compulsory'			You should not be able to see the course **"Cardiac Arrest Course version 2"** being listed The deactivated course should be removed from the list of courses			

Test Case	19					
Test Description	Activate Course					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Select 'Courses' tab on navigation bar Select 'Compulsory' Click on the ellipses icon button, located on the extreme right of course's title Click on 'Manage Courses' Click on the blue pen edit button for 'Cardiac Arrest Course version 2' Scroll down and click the 'Activate Course' button Click the 'Activate' button in the confirmation page					
2	Go back to the list of courses in Compulsory Training Select 'Courses' tab on navigation bar Select 'Compulsory'		You should be able to see the course **"Cardiac Arrest Course version 2"** being listed The activated course should be displayed in the list of courses"			

QUIZ						
Test Case	20					
Test Description	Create Quiz **unsuccessfully + successfully**					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Click on '**Quizzes**' tab Click on the ellipses button > '**Manage Quizzes**' Click on '**Add New Quiz**' Enter test inputs >>	**Title of Quiz:** [BLANK] **Description of Quiz:** [BLANK] **Prequisite:** [BLANK]				
2	Click '**Next**'		Error message(s) should be displayed to the user to indicate which field(s) is/are missing The quiz should not be created			
3	Enter test inputs >>	**Title of Quiz:** Quiz Test **Description of Quiz:** This is to test the quiz function **Prequisite:** [BLANK]				
4	Click '**Next**'		User should be brought to a page to create the questions and answers for the quiz			
5	Enter test inputs >>	**Question 1:** 1+1=? **Answers Option 1:** 1 **Answers Option 2:** 2 **Answers Option 3:** 3 **Answers Option 4:** 4 **Correct Answer:** Option 2				
6	Click '**Next**' Enter test inputs >>	**Question 1:** 2+2=? **Answers Option 1:** 2 **Answers Option 2:** 4 **Answers Option 3:** 6 **Answers Option 4:** 8 **Correct Answer:** Option 2				

Steps	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
6	Click **'Finish'** Enter test inputs >>	**No. of correct answers needed to pass:** 2 **Random question order:** Randomize **Time limit:** 60 **Allow multiple attempts:** Limited, 3 **Display Quiz Answer:** After Passing Quiz				**No. of correct answers needed to pass =** your desire passing mark **Random question order =** to randomise the question sequence **Time limit = S**et time limit in seconds **Allow multiple attempts =** Staffs are allowed to how many attempts **Display Quiz Answer =** Choose when to display the answers. The options are listed: 1. Always > Show regardless pass/fail 2. Never > Never show regardless pass/fail 3. After Passing Quiz > Show only after staff scores more than the number of correct questions required (that you have set above)
7	Click **'Submit'**		The newly created quiz should be added to the list of existing quizzes			

Test Case		21				
Test Description	Edit Quiz **unsuccessfully**					
Steps	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	<Continuing from previous Step>					
2	Click on the grey pen buton of "Quiz Test" to edit quiz Enter test inputs >>	**Title of Quiz:** [BLANK] **Description of Quiz:** This is to test the quiz function **Prequisite:** [BLANK]				
3	Click **'Save'**		Error message(s) should be displayed to the user to indicate which field(s) is/are missing The quiz should not be updated			

Test Case		22				
Test Description	Edit Quiz **successfully**					
Steps	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	<Continuing from previous Step>					
2	Enter test inputs >>	**Title of Quiz:** Quiz Test Edited **Description of Quiz:** This is to test the quiz function **Prequisite:** [BLANK]				
3	Click **'Save'** Click **'Save'** again on pop up screen		The quiz should be updated according to the changes made			

Test Case		23				
Test Description	View and Start/End Quiz **SUCCESS** WITHIN allowed number of attempts + Quiz 'BACK' button					
Steps	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	<Continuing from previous Step>					
2	Checking of the newly created Quiz: Click on **'Quizzes'** tab Select **'Attempt Quiz'** on the quiz you just created: 'Quiz Test Edited',		User should be brought to a new page with quiz descriptions. User should be able to start the quiz and answer each question Quiz timer should start counting down from the specified time			

		Steps	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
		3	Click on browser's **"BACK"** button		The user should be exited from the quiz and has to start the quiz all over again			
		4	Select your options Click **'Next Question'** if there are more questions, else click **'Finish Quiz'** <OR when the timer reaches 0>		The system should mark and display the user's results			

Test Case		24						
Test Description		View and Start/End Quiz **if EXCEED** the time limit						
Steps			Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
		1	<Continuing from previous Step>					
		2	Click on **'Quizzes'** tab Select **'Attempt Quiz'** on the quiz you just created: 'Quiz Test Edited', Do **NOTHING** and watch the timer countdown		User should be brought to a new page with quiz descriptions. User should be able to start the quiz and answer each question Quiz timer should start counting down from the specified time When timer reaches 0, the system should mark the quiz automatically			
		3	Click on **"View Results"**		System should bring user to to the Quiz Results page			

Test Case		25						
Test Description		Deactivate Quiz						
Steps			Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
		1	Click **'Quizzes'** tab Click on Grey pen icon for 'Quiz Test Edited' Scroll down and click the **'Deactivate Quiz'** button Click the **'Deactivate'** button in the confirmation page					
		2	Go back to the list of Quizzes in 'Cardiac Arrest Course version 2' Course Click **'Quizzes'** tab		You should not be able to see the quiz **"Test Quiz Edited"** being listed The deactivated quiz should be removed from the list of quizzes			

Test Case		26						
Test Description		Activate Quiz						
Steps			Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
		1	Click **'Quizzes'** tab Click the ellipses button, located on the extreme right of the quiz title Click **'Manage Quizzes'** Click the blue pen icon for **'Test Quiz Edited'** Scroll down and click the **'Activate Quiz'** button Click **'Activate'** button in the confirmation page					
		2	Go back to the list of Quizzes in 'Cardiac Arrest Course version 2' Course Click **'Quizzes'** tab		You should be able to see the quiz **"Test Quiz Edited"** being listed The activated quiz should be shown in the list of quizzes			

ACCOUNT								
Test Case		27						
Test Description		View Account Information						
Steps			Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes

			Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
	1	Hover on **'Support'** tab on navigation bar Select **'Account Settings'**		The user account's info should be displayed to the user			

Test Case		28					
Test Description		Edit Account Information **UNSUCCESSFULLY**					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Hover on **'Support'** tab on navigation bar Select **'Account Settings'**		The user account's info should be displayed to the user			
	2	Enter test inputs >>	**Address**: [BLANK]				
	3	Click the **'Save'** button		Error message(s) should appear, indicating which field(s) is/are missing The user account's info should not be updated			

Test Case		29					
Test Description		Edit Account Information **SUCCESSFULLY**					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	**<Continuing from previous Step>**					
	2	Enter test inputs >>	**Address**: AMKTHKH				
	3	Click the **'Save'** button		The user account's info should be updated			

Test Case		30					
Test Description		Edit Account Information - Password **UNSUCCESSFULLY**					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Hover on **'Support'** tab on navigation bar Select **'Account Settings'**		The user account's info should be displayed to the user			
	2	Click on **'Change Password'** tab Enter test inputs >>	**Current Password**: [BLANK] **New Password**: [BLANK] **Re-type New Password**: [BLANK]				
	3	Click the **'Save'** button		Error message(s) should appear, indicating which field(s) is/are missing The user account's password should not be updated			

Test Case		31					
Test Description		Edit Account Information - Password **SUCCESSFULLY**					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	**<Continuing from previous Step>**					
	2	Enter test inputs >>	**Current Password**: [User's current password] **New Password**: amkthkh1 **Re-type New Password**: amkthkh1				
	3	Click the **'Save'** button		The user's password should be updated User can re-login to test this out			

eLearn Portal - Superuser

		Project Name: LearnHub				
Module Name:	Elearn	**Test executed by:**				
Test Title:	Test on basic functionalities of elearn portal	**Executer Signature:**				
Description:	Basic functionalities include Create Read Update Delete of Courses	**Test date:**	20/09/2017			

Test Case		5				
Test Description	Viewing different categories of courses on portal					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Navigate to Login Page Provide Test data >> Select 'Login' button	Login as Superuser from HR User ID: admin Password: admin	User should be able to login as Superuser Admin			
2	Select 'Courses' tab on navigation bar Select 'Compulsory'		User should be able to view the whole list of courses that are listed under compulsory			
3	Select 'Courses' tab on navigation bar Select 'Leadership'		User should be able to view the whole list of courses that are listed under Leadership Skills Training tab			
4	Select 'Courses' tab on navigation bar Select 'Professional'		User should be able to view the whole list of courses that are listed under Professional Training tab			

Test Case		6				
Test Description	View course details					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Select 'Courses' tab on navigation bar Select 'Compulsory'		User should be able to view the whole list of courses that are listed under compulsory			
2	Select any courses (eg Wash Hands Course) Click 'View Details'		Users will be brought to a page whereby more information pertaining to 'Wash Hands' could be reviewed			

Test Case		7				
Test Description	Search course					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Select 'Courses' tab on navigation bar Select 'Compulsory'		User should be able to view the whole list of courses that are listed under compulsory			
2	Click on search bar and key in test inputs (eg 'Wash')	'Wash'	The portal should show ONLY the list of courses that matches with the searched word			

Test Case		8				
Test Description	Create course with missing/inaccurate compulsory fields					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**

| | | Select 'Courses' tab on navigation bar
Select 'Compulsory'
Click the ellipses button on the top right - 'Create New Courses'
Enter test inputs >> | Course Category: Compulsory

Course Type: Online Learning

Name of Course: [BLANK]

Description of Course: This is a compulsory course

Learning Hours: 3

Target Audience: Staff

Date to Display: 20 September 2017 to 20 September 2018

Course Pre-requisite: [choose any course] OR [blank] | Error message(s) should show to indicate that:
1. Missing fields that need to be fillled
2. Only integers are allowed to be entered for hours awarded
3. Start date is later than the end date

User should not be able to create the course | | | |
| 1 | | | | | | | |

Test Case		9					
Test Description	Create course successfully with correct fields						
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
		<Continuing from previous Step>					
1	Enter test inputs >>		Course Category: Compulsory Course Type: Online Learning Name of Course: Cardiac Arrest Course Description of Course: This is a compulsory course Learning Hours: 3 Target Audience: Staff Date to Display: 20 September 2017 to 20 September 2018 Course Pre-requisite: [choose any course] OR [blank]	User should be able to create the course successfully			
2	Click '**Submit**'			User should be able to view the compulsory course created in previous step			

Test Case		10					
Test Description	Edit course with missing/inaccurate compulsory fields						
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**

		Select 'Courses' tab on navigation bar Select 'Compulsory' Select Cardiac Arrest Course" > 'View Details' Click the ellipses button on the top right - 'Edit Course' Edit the course with the fields marked in Bold	Course Category: Compulsory Course Type: Online Learning Name of Course: [BLANK] Description of Course: [BLANK] Learning Hours: [BLANK] Target Audience: Staff Date to Display: 20 September 2017 to 20 September 2018 Course Pre-requisite: [choose any course] OR [blank]	Error message(s) should be shown to indicate to the user the: 1. Missing required fields 2. Only integers are allowed to be entered for hours awarded The course should not be updated			

Test Case		11					
Test Description		Edit course successfully with correct fields					
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
			<Continuing from previous Step>				
	1	Enter the edited test inputs >> *Edited fields are marked in Bold*	Course Category: Compulsory Name of Course: Cardiac Arrest Course version 2 Description of Course: This is a compulsory course Learning Hours: 2 Target Audience: HR Date to Display: 10 August 2017 - 10 January 2018 Course Pre-requisite: [tick any course] OR [blank]	User should be able to edit the course successfully			
	2	Click '**Save Changes**'		User should be able to view the edited compulsory course created in previous step			

Test Case		12					
Test Description		Upload Course Materials **unsuccessfully**					
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Select 'Courses' tab on navigation bar Select 'Compulsory' Select "Cardiac Arrest Course version 2" > 'View Details' Click 'Learning Materials' tab Click the ellispses button on the top right > 'Upload Learning Materials' Enter test inputs >>	**Enter Upload Title:** [blank] **Enter Upload Description:** Sample Cardiac Description **Choose File:** *<ANY FILE>*				
	2	Click '**Upload**' button		Error message should be shown to indicate the missing fields that need to be filled User should not be able to upload course materials			

Test Case		13					
Test Description		Upload Course Materials **successfully**					
Steps	**Test Steps**		**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**

	1	<Continuing from previous Step>					
	2	Select 'Courses' tab on navigation bar Select 'Compulsory' Select "Cardiac Arrest Course version 2" > 'View Details' Click 'Learning Materials' tab Click the ellispses button on the top right > 'Upload Learning Materials' Enter test inputs >>	Enter Upload Title: Slides for this Course Enter Upload Description: Sample Cardiac Description Choose File: <ANY FILE>				
	3	Click '**Upload**' button		User should be able to upload course materials successfully			
	4	Select 'Courses' tab on navigation bar Select 'Compulsory' Key in Search bar: "Cardiac Arrest Course" Select "Cardiac Arrest Course version 2" > 'View Details' Click 'Learning Materials' tab		User should be able to view the uploaded course material			
	5	Click on the learning material's file name to download		User should be able to download course materials			

Test Case			14				
Test Description		Delete Course Materials					
Steps		Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
	1	Click '**Learning Materials**' tab Click on the red trash can button of any uploaded course material Click the '**OK**' button in the pop up message box		The course material should not be shown in the list of course materials			

TESTIMONIAL

Test Case			15				
Test Description		Create course testimonials **unsuccessfully** with incomplete fields					
Steps		Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
	1	Select "Wash Hands Course" > 'View Details' Click the pen icon button in grey, located on the right of 'Testimonial' Enter test inputs >>	**Title:** [blank] **Body:** [blank] **Name:** Patrick				
	2	Click the '**Submit**' button		An error message should be displayed to the user			

Test Case			16				
Test Description		Create course testimonials **successfully** with correct fields					
Steps		Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
	1		<Continuing from previous Step>				
	2	Enter test inputs >>	**Title:** Saved a life **Body:** This course helped me to save a life! **Name:** Patrick				
	3	Click the '**Submit**' button		The testimonial should be shown in the list of testimonials			

Test Case			17				
Test Description		Delete course testimonial					
Steps		Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
	2	Click the **Red Trash Button** beside the particular testimonial					
	2	Click the '**OK**' button in the pop up on top of the page		Testimonial should be successfully deleted			

Test Case		18					
Test Description	Deactivate Course						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Select 'Courses' tab on navigation bar Select 'Compulsory' Select "Cardiac Arrest Course version 2" > 'View Details' Click on the ellipses icon button, located on the extreme right of course's title Click on the 'Edit Course' button Scroll down and click the 'Deactivate Course' button Click the 'Deactivate' button in the confirmation page						
2	Go back to the list of courses in Compulsory Training Select 'Courses' tab on navigation bar Select 'Compulsory'		You should not be able to see the course **"Cardiac Arrest Course version 2"** being listed The deactivated course should be removed from the list of courses				

Test Case		19					
Test Description	Activate Course						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Select 'Courses' tab on navigation bar Select 'Compulsory' Select "Cardiac Arrest Course version 2" > 'View Details' Click on the ellipses icon button, located on the extreme right of course's title Click on the 'Edit Course' button Scroll down and click the 'Activate Course' button Click the 'Activate' button in the confirmation page						
2	Go back to the list of courses in Compulsory Training Select 'Courses' tab on navigation bar Select 'Compulsory'		You should be able to see the course **"Cardiac Arrest Course version 2"** being listed The activated course should be displayed in the list of courses				

QUIZ							
Test Case		20					
Test Description	Create Quiz **unsuccessfully + successfully**						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Click on '**Quizzes**' tab Click on the ellipses button > '**Manage Quizzes**' Click on '**Add New Quiz**' Enter test inputs >>	**Title of Quiz:** [BLANK] **Description of Quiz:** [BLANK] **Prequisite:** [BLANK]					
2	Click '**Next**'		Error message(s) should be displayed to the user to indicate which field(s) is/are missing The quiz should not be created				
3	Enter test inputs >>	**Title of Quiz:** Quiz Test **Description of Quiz:** This is to test the quiz function **Prequisite:** [BLANK]					
4	Click '**Next**'		User should be brought to a page to create the questions and answers for the quiz				

Steps	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
5	Enter test inputs >>	**Question 1:** 1+1=? **Answers Option 1:** 1 **Answers Option 2:** 2 **Answers Option 3:** 3 **Answers Option 4:** 4 **Correct Answer:** Option 2				
6	Click '**Next**' Enter test inputs >>	**Question 1:** 2+2=? **Answers Option 1:** 2 **Answers Option 2:** 4 **Answers Option 3:** 6 **Answers Option 4:** 8 **Correct Answer:** Option 2				
6	Click '**Finish**' Enter test inputs >>	**No. of correct answers needed to pass:** 2 **Random question order:** Randomize **Time limit:** 60 **Allow multiple attempts:** Limited, 3 **Display Quiz Answer:** After Passing Quiz				**No. of correct answers needed to pass =** your desire passing mark **Random question order =** to randomise the question sequence **Time limit = S**et time limit in seconds **Allow multiple attempts =** Staffs are allowed to how many attempts **Display Quiz Answer =** Choose when to display the answers. The options are listed: 1. Always > Show regardless pass/fail 2. Never > Never show regardless pass/fail 3. After Passing Quiz > Show only after staff scores more than the number of correct questions required (that you have set above)
7	Click '**Submit**'		The newly created quiz should be added to the list of existing quizzes			
Test Case	21					
Test Description	Edit Quiz **unsuccessfully**					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1		**<Continuing from previous Step>**				
2	Click on the grey pen buton of "Quiz Test" to edit quiz Enter test inputs >>	**Title of Quiz:** [BLANK] **Description of Quiz:** This is to test the quiz function **Prequisite:** [BLANK]				
3	Click '**Save**'		Error message(s) should be displayed to the user to indicate which field(s) is/are missing The quiz should not be updated			
Test Case	22					

Test Description	Edit Quiz **successfully**					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1		**<Continuing from previous Step>**				
2	Enter test inputs >>	**Title of Quiz:** Quiz Test Edited **Description of Quiz:** This is to test the quiz function **Prequisite:** [BLANK]				
3	Click '**Save**' Click '**Save**' again on pop up screen		The quiz should be updated according to the changes made			
Test Case		23				
Test Description	View and Start/End Quiz **SUCCESS** WITHIN allowed number of attempts + Quiz 'BACK' button					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1		**<Continuing from previous Step>**				
2	Checking of the newly created Quiz: Click on '**Quizzes**' tab Select '**Attempt Quiz**' on the quiz you just created: 'Quiz Test Edited',		User should be brought to a new page with quiz descriptions. User should be able to start the quiz and answer each question Quiz timer should start counting down from the specified time			
3	Click on browser's "**BACK**" button		The user should be exited from the quiz and has to start the quiz all over again			
4	Select your options Click '**Next Question**' if there are more questions, else click '**Finish Quiz**' <OR when the timer reaches 0>		The system should mark and display the user's results			
Test Case		24				
Test Description	View and Start/End Quiz **if EXCEED** the time limit					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1		**<Continuing from previous Step>**				
2	Click on '**Quizzes**' tab Select '**Attempt Quiz**' on the quiz you just created: 'Quiz Test Edited', Do **NOTHING** and watch the timer countdown		User should be brought to a new page with quiz descriptions. User should be able to start the quiz and answer each question Quiz timer should start counting down from the specified time When timer reaches 0, the system should mark the quiz automatically			
3	Click on "**View Results**"		System should bring user to to the Quiz Results page			
Test Case		25				
Test Description	Deactivate Quiz					
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
1	Click '**Quizzes**' tab Click on Grey pen icon for 'Quiz Test Edited' Scroll down and click the '**Deactivate Quiz**' button Click the '**Deactivate**' button in the confirmation page					

	2	Go back to the list of Quizzes in 'Cardiac Arrest Course version 2' Course Click '**Quizzes**' tab		You should not be able to see the quiz **"Test Quiz Edited"** being listed The deactivated quizshould be removed from the list of quizzes			

Test Case		26					
Test Description		Activate Quiz					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Click '**Quizzes**' tab Click the ellipses button, located on the extreme right of the quiz title Click '**Manage Quizzes**' Click the blue pen icon for '**Test Quiz Edited**' Scroll down and click the '**Activate Quiz**' button Click '**Activate**' button in the confirmation page					
	2	Go back to the list of Quizzes in 'Cardiac Arrest Course version 2' Course Click '**Quizzes**' tab		You should be able to see the quiz **"Test Quiz Edited"** being listed The activated quiz should be shown in the list of quizzes			

ACCOUNT							
Test Case		27					
Test Description		View Account Information					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Hover on '**Support**' tab on navigation bar Select '**Account Settings**'		The user account's info should be displayed to the user			

Test Case		28					
Test Description		Edit Account Information **UNSUCCESSFULLY**					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Hover on '**Support**' tab on navigation bar Select '**Account Settings**'		The user account's info should be displayed to the user			
	2	Enter test inputs >>	**Address**: [BLANK]				
	3	Click the '**Save**' button		Error message(s) should appear, indicating which field(s) is/are missing The user account's info should not be updated			

Test Case		29					
Test Description		Edit Account Information **SUCCESSFULLY**					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1		**<Continuing from previous Step>**				
	2	Enter test inputs >>	**Address**: AMKTHKH				
	3	Click the '**Save**' button		The user account's info should be updated			

Test Case		30					
Test Description		Edit Account Information - Password **UNSUCCESSFULLY**					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Hover on '**Support**' tab on navigation bar Select '**Account Settings**'		The user account's info should be displayed to the user			

			Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
	2	Click on '**Change Password**' tab Enter test inputs >>	**Current Password**: [BLANK] **New Password**: [BLANK] **Re-type New Password**: [BLANK]				
	3	Click the '**Save**' button		Error message(s) should appear, indicating which field(s) is/are missing The user account's password should not be updated			
Test Case		31					
Test Description		Edit Account Information - Password **SUCCESSFULLY**					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Enter test inputs >>	**Current Password**: [User's current password] **New Password**: amkthkh1 **Re-type New Password**: amkthkh1				
	3	Click the '**Save**' button		The user's password should be updated User can re-login to test this out			
MANAGE USERS							
Test Case		32					
Test Description		Add users **unsuccessfully**					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	Select '**Configurations**' tab on navigation bar Select '**Manage Users**'					
	2	Click the '**Add New Users**' button Enter test inputs >>	**Username**: [BLANK] **Password**: [BLANK] **Re-enter Password**: [BLANK] **Name**: [BLANK] **Contact No**: [BLANK] **Address**: [BLANK] **Email**: [BLANK] **Department**: [BLANK] **Job Title**: [BLANK] **Access Rights**: [BLANK]				
	3	Click '**Create User**' Click '**Submit**'		Error message(s) should appear, indicating which field(s) is/are missing The user should not be created			
Test Case		33					
Test Description		Add users **successfully**					
Steps		**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**
	1	<Continuing from previous Step>					
	2	Click the '**Add New Users**' button Enter test inputs >>	**Username**: tester **Password**: test **Re-enter Password**: test **Name**: Admin Test **Contact No**: 12345678 **Address**: AMKTHKH **Email**: AMKTHKH@gmail.com **Department**: hr **Job Title**: Admin **Access Rights**: superuser				
	3	Click '**Create User**' Click '**Submit**'		The user should be created successfully			
Test Case		34					

Test Description	Edit users **successfully + Search**						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Select **'Configurations'** tab on navigation bar Select **'Manage Users'**						
2	Enter **'Admin Test'** into the search bar						
3	Click on the Blue Pen Icon by the side to edit Enter the test inputs >>	**Email:** admintest@gmail.com **Access Rights:** superuser + course creator	The user should be updated successfully				

Test Case	35						
Test Description	Deactivate Users						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Select **'Configurations'** tab on navigation bar Select **'Manage Users'**						
2	Enter **'Admin Test'** into the search bar						
3	Click on the Blue Pen Icon by the side to edit Scroll to the bottom and click **'Deactivate'** Click **'Deactivate'** to confirm		The user should be deactivated - the status of the user should be 'Inactive'				

Test Case	36						
Test Description	Activate Users						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Select **'Configurations'** tab on navigation bar Select **'Manage Users'**						
2	Enter **'Admin Test'** into the search bar						
3	Click on the Blue Pen Icon by the side to edit Scroll to the bottom and click **'Activate'** Click **'Activate'** to confirm		The user should be activated - the status of the user should be 'Active'				

eLearn Portal - HR							
Project Name: LearnHub							
Module Name:	Elearn	**Test executed by:**					
Test Title:	Test on basic functionalities of elearn portal	**Executer Signature:**					
Description:	Basic functionalities include Course Comments/Testimonial Section	**Test date:**	20/09/2017				
Test Case		5					
Test Description	Viewing different categories of courses on portal						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Navigate to Login Page Provide Test data >> Select 'Login' button	Login as Julia HR User ID: S0572789H Password: julia	User should be able to login as Julia				
2	Select 'Courses' tab on navigation bar Select 'Compulsory'		User should be able to view the whole list of courses that are listed under compulsory				
3	Select 'Courses' tab on navigation bar Select 'Leadership'		User should be able to view the whole list of courses that are listed under Leadership Skills Training tab				
4	Select 'Courses' tab on navigation bar Select 'Professional'		User should be able to view the whole list of courses that are listed under Professional Training tab				
Test Case		6					
Test Description	View course details						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Select 'Courses' tab on navigation bar Select 'Compulsory'		User should be able to view the whole list of courses that are listed under compulsory				
2	Select any courses (eg **Wash Hands Course**) Click '**View Info**'		Users will be brought to a page whereby more information pertaining to 'Wash Hands' could be reviewed				
Test Case		7					
Test Description	Search course						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	Select 'Courses' tab on navigation bar Select 'Compulsory'		User should be able to view the whole list of courses that are listed under compulsory				
2	Click on search bar and key in test inputs (eg 'Wash')	'Wash'	The portal should show ONLY the list of courses that matches with the searched word				
Test Case		8					
Test Description	Download course materials						
Steps	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Status (Pass/Fail)**	**Notes**	
1	**<Continuing from previous Step>**						
2	Select **'Wash Hands'** Course Click **'Learning Materials'** tab Click on the learning material's file name to download		User should be able to download course materials				
3	Open the downloaded material		User should be able to view the downloaded material				

Issue #	Found By:	Issue Location:	Issue Description:	Critical Level:	Comments:
Example >>	Belynda Low	Login	I cannot Login into the portal as Belynda	Assign this issue with a level of Criticality: **1-3 = Not Critical** **4-6 = Quite Critical** **7-8 = Very Critical** **9-10 = Extremely Critical**	Please look into this bug immediately!
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