



IS480 Project Proposal ImpactLaunchSpace

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Team Members:

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- Edward FOO Joo Chuen edward.foo.2015@sis.smu.edu.sg - Lead Back-end Developer

Faculty Supervisor:

- Steven Hoi

Sponsor: Allied World Healthcare

- Edward Booty, Founder and CEO edward@alliedworld.healthcare
- Jim Poole, CTO jim@alliedworld.healthcare

Project Overview

1.1 Project Description:

Given the rising number of social impact projects and a drastic increase in both individuals and organizations willing to support great, charitable causes, our teams aims to build ImpactLaunch.Space, a web application that seeks to streamline and transform coordination between these stakeholders. We will allow social innovators to create social impact projects that need in-kind support from collaborators, listing the skills they need and how long for. Separately, users will be able to share causes that matter to them and their skills - identifying projects that they want to support. Once the team has been created, a project management space where users can virtually manage project delivery, communicate and collaborate is provided - as well as appear in a directory of live projects getting media and potential investor coverage. The X-Factor that our team is aiming for is to have 10 organizations, 200 live users and 5 active projects on the platform by the end of this project.

1.2 Motivation:

Making positive social change does not always need financial investment. There is enough assets, technology and skills in the world to make huge difference - but people that want to support great causes often don't have a simple route to, and the default for running a project is to seek funding. ImpactLaunch.Space seeks to change that - giving a unique and simple online tool to allow projects and those looking to give back to share project ideas, communicate and collaborate - crowdsourcing skills and time to enable transformational change for those who need support most. Currently, there are no other platforms that provide a space to collaborate and manage the project at the same time.

1.3 Stakeholders:

Sponsor	Allied World Healthcare is a non-profit organization that delivers basic healthcare services in low and middle-income countries. Edward Booty, the CEO and Jim Poole, the CTO are seeking help in building ImpactLaunch.Space, a social impact project platform
Users	Individuals or organizations with ideas to create positive social impact. Individuals or organizations who want to support social impact projects.

1.4 Deliverables:

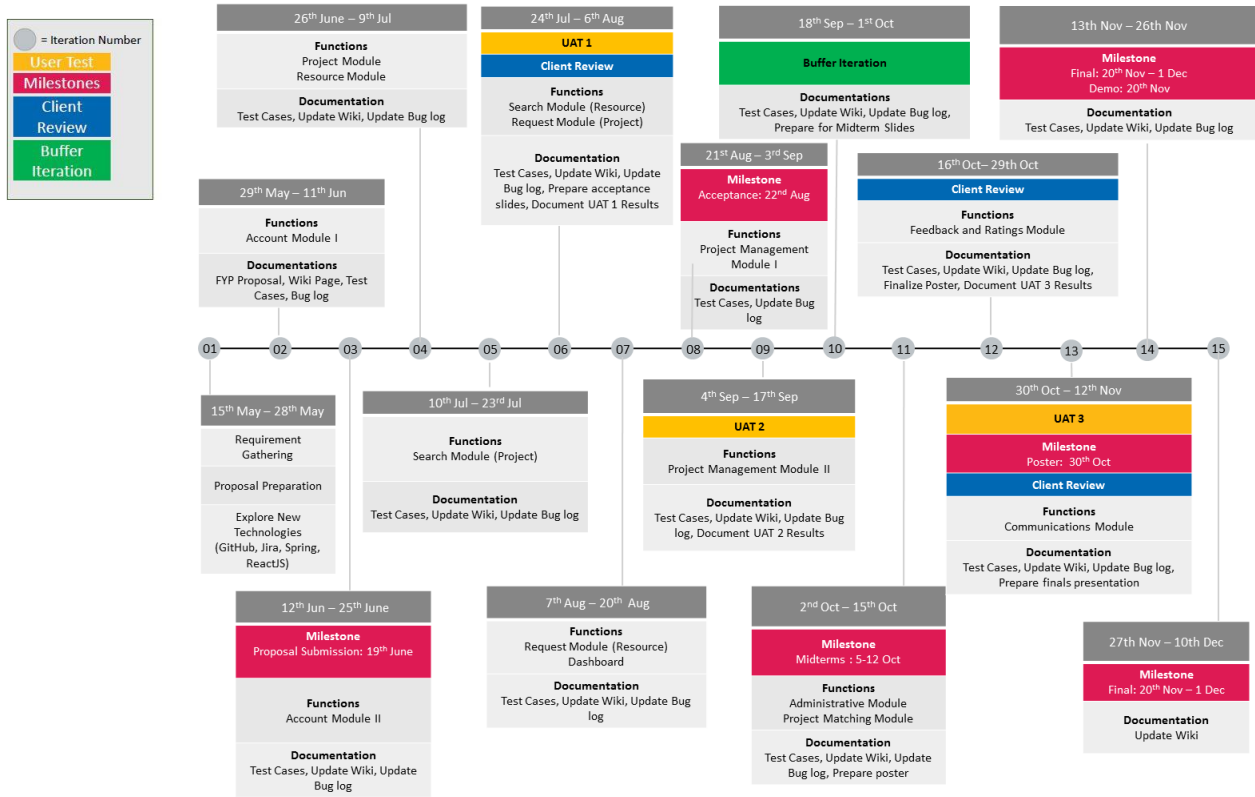
Outcomes: A fully functionally web application to be used globally.

1.5 Scope:

Core Functions		Secondary Functions	Tertiary Functions
Account Module 1. Registration 2. Login/Logout 3. Amend Profile 4. Forget Password 5. Remember Me	Project Module <i>(Project refers to social impact ideas that social innovators wish to carry out)</i> 1. Create Project 2. Edit Project 3. Upload Documents	Communications Module 1. Integrated chat system	Feedback and Ratings Module 1. Leave and view ratings for users
Resource Module <i>(Resource refers to products or services individuals wish to provide to help projects)</i> 1. Create Resource 2. Edit Resource 3. Upload Documents	Search Module (Project) 1. Request for project 2. Filter and search result	Administration Module 1. Login/Logout 2. Manage Users 3. Manage Project 4. Generate System Reports	Project Matching Module 2. Matching and recommending resources to project
Search Module (Resource) 1. Search for Resource 2. Filter and search result	Request Module(Project) 1. Search for project 2. Filter and sort search results		
Request Module(Resource) 1. Request for Resource 2. Confirm/reject request 3. View Request History 4. Favorite resource	Project Management Module <i>(Includes integration with Trello)</i> 1. Edit Project 2. Start/stop project 3. Plan project 4. Calendar		

Project Plan

○ **Project milestone:**



○ **Risks:**

Risk Type	Risk Event	Likelihood	Mitigation
Technical	Team unfamiliar with project technologies such as Spring Framework, Reactjs, Gitkraken etc	High	Time taken during iteration 1 to research and learn the technologies.
Project Management	Project delaying due to wrong time estimation	Low	Constantly review project schedule and make any adjustments to the upcoming iterations if necessary
Project Management	Loss of team focus due to commitments (Internships)	High	Have fixed bi weekly meetings to ensure that everyone stays on track.

○ **Resource and reference:**

The application will be built using Java implemented with Spring MVC Framework for the backend, ReactJS for the frontend and MySQL for the database. We will be using Github for our version control. We will use the following references to learn how to implement these technologies into our project:

Spring MVC: <https://www.udemy.com/spring-mvc-tutorial-for-beginners-step-by-step/learn/v4/>

ReactJS: <https://www.udemy.com/master-reactjs/>

Spring & React Integration: <https://spring.io/guides/tutorials/react-and-spring-data-rest/>

Github: <http://nvie.com/posts/a-successful-git-branching-model/>