

## AGENDA OF MEETING

Meeting Title	Combined Team Minutes
<b>Date</b>	22-07-2012
<b>Start Time</b>	1030
<b>End Time</b>	1600
<b>Called By</b>	Suriyanti
<b>Venue</b>	SOA Concourse
<b>Attendees</b>	Yosin, Jek Bao, Glorya, & Minh
<b>Objective</b>	Cost Model (CostFunction.java + AlgorithmicCost.java + DollarCost.java)

### PREPARATION FOR MEETING:

Please Read:	Please Bring:
-	-

### ACTION ITEMS FROM PREVIOUS MEETING:

No	Action Item	PIC	Comment	Due Date	Status

### AGENDA TOPIC:

No	Agenda Topic	PIC	Due Date
<b>1</b>	Cost Model (CostFunction.java + AlgorithmicCost.java + DollarCost.java)	All	22/07/2012

## MINUTES OF MEETING

Meeting Title	Team Meeting
Date	22-07-2012
Start Time	1030
End Time	1600
Venue	SOA Concourse
Invitee List	Yosin, Jek Bao, Glorya, & Minh
In Attendance	Yosin, Jek Bao, Glorya, & Minh
Absent	-

## DECISIONS:

No	Subject	Decision
1	Dollar cost	$\text{Cost} = 0 * \sum \text{working blocks} + 1.5 * \sum \text{OT block} + 2 * \sum \text{callback block} + 100 * \sum \text{rest block}$
2	Algorithmic cost	<p>Working hour = 0</p> <p>MAC = 1</p> <p>Recall rest : 4, off : 3</p> <p>OT = 2</p> <p>Compulsory Rest Time (every 8 hours, there must be a break) = 100</p>
3	Approach	<p>Filter by system trained for staff</p> <p>Filter by availability for staff</p> <p>Generate cost for each staff based on algorithmic cost</p>
4	Data structure	Maintain ArrayList<Staff> after filter by system and maintain Double[] as variable of Staff
5	Steps	<p>1, Generate Algorithmic Cost</p> <p>Input</p> <ul style="list-style-type: none"> <li>- Staff Shift <ul style="list-style-type: none"> <li>o Staff</li> <li>o Shift</li> </ul> </li> <li>- Task <ul style="list-style-type: none"> <li>o Time</li> <li>o Flight</li> </ul> </li> </ul> <p>Output</p> <p>ArrayList&lt;Staff&gt; method, parameter is FlightNo, Date</p> <p>2. Assign Task (Look Ahead)</p> <p>Input: ArrayList &lt;Double []&gt;</p> <p>Process:</p> <p>Find 1<sup>st</sup> minimum cost + assign 2<sup>nd</sup> task + assign 3<sup>rd</sup> task</p> <p>Find 2<sup>nd</sup> minimum cost + assign 2<sup>nd</sup> task + assign 3<sup>rd</sup> task</p> <p>Find 3<sup>rd</sup> minimum cost + assign 2<sup>nd</sup> task + assign 3<sup>rd</sup> task</p> <p>And store all in temporary files</p> <p>Output: Based on all the determine which is the best</p>

## ACTION ITEMS:

No	Action Item	PIC	Comment	Due Date	Status
1	Generate Algorithmic Cost	JekBao, Glorya		27/07/2012	
2	Assign Task (Look Ahead)	Yosin, Minh		27/07/2012	

CARRY-OVER ITEMS FOR NEXT MEETING:

No	Subject	Description

NOTES:

Prepared by,

Yosin

Vetted and edited by,

Jek Bao