

**Final Year Project  
Meeting Minutes**

| Meeting Information |                             |
|---------------------|-----------------------------|
| <b>Date:</b>        | 12 <sup>th</sup> March 2014 |
| <b>Time:</b>        | 1615                        |
| <b>Venue:</b>       | Singapore Recreation Club   |

|                        |  |
|------------------------|--|
| <b>Attendees:</b>      | <ol style="list-style-type: none"> <li>1. Pei Qin</li> <li>2. Benjamin Chan</li> </ol>   |
| <b>Absentees:</b>      | <ol style="list-style-type: none"> <li>1. Lavinia Tay (On exchange)</li> <li>2. Joel (Lesson)</li> <li>3. Lee Jong Hyeok (Lesson)</li> </ol> |
| <b>Meeting Agenda:</b> | <ol style="list-style-type: none"> <li>1. Clarify on queries that we have with regards to the Public Feedback System Project</li> </ol>      |

| Task Assignment |          |   |
|-----------------|----------|---|
| 1.              | Everyone | <p><b>Tagging System</b></p> <ul style="list-style-type: none"> <li>- When an issue occurs, there are certain problems faced. <ul style="list-style-type: none"> <li>o Not apparent to public users on who or what should be tagged to the issue (e.g. Drainage, Path condition)</li> <li>o Agencies looking at the issues might overlap with one another (belong to URA, Town Council)</li> </ul> </li> <li>- Purpose: Make it easier for agencies to find issues that are related to them</li> <li>- To brainstorm ideas with regards to the tagging system <ul style="list-style-type: none"> <li>o Eg: Based on certain criteria or keyword in the description, we can find relevant agencies to claim or locate on the respective issues</li> </ul> </li> <li>- Who will be doing the tagging? <ul style="list-style-type: none"> <li>o Administrator: [Work on first because it's easier to implement in the short term] <ul style="list-style-type: none"> <li>▪ Pros: More accurate</li> <li>▪ Cons: Tedious</li> </ul> </li> <li>o Public: <ul style="list-style-type: none"> <li>▪ Cons: Misspell of words</li> </ul> </li> </ul> </li> <li>- Conclusion: To enable both administrator and public user to do tagging. Public user can use a search function to find selected keywords.</li> </ul> |
| 2.              | Everyone | <p><b>Web Application</b></p> <ul style="list-style-type: none"> <li>- Only applicable to agencies and administrators</li> <li>- Do not require the mobile features (at least not for the 1<sup>st</sup> phase)</li> <li>- Functions include: viewing, commenting and voting on issues</li> </ul>   |

|    |          |   |
|----|----------|---|
|    |          | <ul style="list-style-type: none"> <li>- Agencies: Able to receive notifications of issues that has been tagged to them</li> <li>- Administrators: Ability to tag the issues</li> <li>- Users: Create and submit new entry</li> <li>- Can consider using Spring MVC</li> <li>- Not keen on using PHP</li> </ul> <p><b>iOS Application</b></p> <ul style="list-style-type: none"> <li>- Focus is on capturing the image / issues</li> <li>- Ability to browse for: <ul style="list-style-type: none"> <li>o A specific issues</li> <li>o issues that have been posted by the user</li> <li>o Based on the location (eg. issues that are reported in this area)</li> </ul> </li> <li>- Comment function to see if an issue has been solved</li> </ul> |
| 3. | Everyone | <p><b>Map View</b></p> <ul style="list-style-type: none"> <li>- Reason for implementation:<br/>For big infrastructure, using GPS is fine. However, there are times when GPS is located wrongly especially within a place.<br/>(Report a problem or submit query → GPS not precise enough to locate the exact location)</li> </ul>   |
| 4. | Everyone | <p><b>Deployment Issues</b></p> <ul style="list-style-type: none"> <li>- Location → most likely in SMU</li> <li>- <u>Web Application</u> <ul style="list-style-type: none"> <li>o Probably be deployed using a VPS (Virtual Private Server)</li> <li>o Explore on Digital Ocean<br/>( <a href="https://www.digitalocean.com/">https://www.digitalocean.com/</a> )</li> </ul> </li> <li>- <u>iOS Mobile Application</u> <ul style="list-style-type: none"> <li>o Deploy locally</li> <li>o Ensure that the application is ready to be deployed to the app store</li> </ul> </li> </ul>   |
| 5. | Everyone | <p><b>Content</b></p> <ul style="list-style-type: none"> <li>o <u>Aging of the issue:</u> <ul style="list-style-type: none"> <li>▪ Have different bins to state the duration of the issues (eg. 90 or 180 days)</li> <li>▪ Only administrator is able to delete the issue</li> </ul> </li> <li>o <u>Popularity of the issue:</u> <ul style="list-style-type: none"> <li>▪ Voting (Only for registered users)</li> <li>▪ Anonymous user can only browse on the issues (cannot make any contribution)</li> </ul> </li> <li>o If there are many issues surfaced, how to ensure people are browsing things that are of interest to them? <ul style="list-style-type: none"> <li>▪ Filtering</li> </ul> </li> </ul>                                      |

|    |          |   |
|----|----------|---|
|    |          | <ul style="list-style-type: none"> <li>▪ Search Option</li> </ul>   |
| 6. | Everyone | <b>Database</b> <ul style="list-style-type: none"> <li>- Use PostSQL</li> <li>- MySQL is possible but there are different database engines. Some of the engines are not really transactional. Hence, integrity of the data cannot be guaranteed.</li> </ul> |
| 7. | Everyone | Agencies <i>[Higher Priority]</i> <ul style="list-style-type: none"> <li>- Might bring iPad or iPhone to the scene to response on the issues</li> </ul><br>Administrator <i>[Lower Priority]</i>  |

The meeting was adjourned at 1705. These minutes will be circulated and adopted if there are no amendments reported in the next three days.

**Prepared by,**  
Chua Pei Qin

**Vetted and edited by,**  
Benjamin Chan