**Minutes of Meeting**

IS203 Software Engineering **|** G7-T5 (SEvivor)

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| **Date:** | 10 October 2016, Monday |
| **Time:** | 10.00 am - 6.00 pm |
| **Venue:** | SOB GSR 3-18 and SMU Labs GSR 3-1 |
| **Scriber:** | Yu Jian |
| **Attendees:** | Kong Yu Jian, Jackson Kwa, Marc Xu, Teh Ming Yi, M Has Nilofar |
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| **Agenda:** | 1. Prepare for in class review (my slides, AWS, etc) 2. Go through each other's codes 3. Mitigation plan for values of schedule and bug metrics 4. Discuss the bugs identified and haven’t been resolved for a long time 5. Questions from supervisor during in class demo 6. Think of more test cases (corner cases) 7. Git directory follow wiki 8. Differentiate test cases and test results |

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|  | **Agenda** | **Action By** | **Due Date** |
| 1 | **Data normalisation (Coachin)**   * decomposing datas into types * few columns > easier to store * don’t want to store so much data (not in the functionality to know when the bid was made, whether in round 1 or round 2) * reduce redundancy and save space * having more relations in entities | Yu Jian | - |
| 2 | **Git Directory changes** | Yu Jian | 10 October |
| 3 | **Test plans and test cases**   * Finish by the next meeting | Everyone | 16 October  17 October (review) |
| 4 | **Ensure everyone is on the same page:**  **Codes**   * Template themes: these are the css and javascript files that we need to use for UI * not ideal: every page is different; use everything for convenient sake although it is not efficient * if it is in a class -- it is a css library * in form, there are mainly two protocols: put(U), delete(D), **get(R), post(C)** * mysql connector is used in the Login Authentication servlet: Why use these library - default is not mysql in java.. different syntax so thats why the sql lib need to be imported * what is a library? codes that 3rd party has written and will extend from java’s capabilities * Preparestatement: SQL injection; security vulnerability in SQL - people can just type to inject words * getContextPath → goes to the root folder * irreversible (1 way) hash -- algortithm is so strong, hash is not reversible * reversible (2 way) - can become very convoluted and become the simple one again * Admin home: Singleton pattern to make sure at any point in time, there is only instance of the certain DAO * When there are multiple DAOs, data integrity is not ensured * not doing unit testing; thats why we dont need to care | Everyone | 10 October |
| 5 | **Recap of Project Requirements and ensure if the team is on track**   * Documentation  1. Technical documents (use case, SD, class diag, Logical diag) 2. Meeting minutes 3. Test plan and test cases 4. Metrics documents 5. Code comments and java docs  * Project Management  1. Pair programming 2. GIT usage 3. Fair job allocation 4. Schedule 5. Metrics tracking and mitigation plans 6. Supervisor meeting 7. Team dynamics 8. Peer Evaluation 9. Iterative and incremental development (plan, integrate, deploy and test at every iteration) 10. Usage of deployment servers  * Presentations * Application | Everyone | 10 October 2016 |
| 6 | **In-class demo preparation**   * Demonstration   + Login   + Bootstrap   + needs to upload the sample data in the wiki, and does not need to do full validation   + should be deployed to AWS and run from there   + test data will be provided before the demo session   + supervisor will ask technical questions about the functionalities implemented; questions can be directed at any team members   + 2 functionalities     - What are those?     - Add Bid, Drop Bid * Progress Update   + Progress after the PM review   + focus on how your team has improved the project management process after the PM review | Marc | 11 October 2016 |

The meeting was adjourned at 6.00 pm. These minutes will be circulated and adopted if there are no amendments reported in the next three days.

**Prepared by,**

Yu Jian

**Vetted and edited by,**

Marc and Nilofar