**Iteration Planning (2)**

Date：20/3/2023

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| Group No. | | | 11 |  | Project Name | XingQiao event management platform | | |
| Iteration Name | | | Tech Prototype |  | Start – End Date | 20/3/2023 – 2/5/2023 | | |
| **Tasks, scheduling and staff:** | | | | |  | | | |
|  | No | Task | | | Start-end date | | Member |  |
| 1 | Modify use case model and conceptual model | | | 20/3/2023  -  21/3/2023 | | SHUEN LIN YEOH |
| 2 | Choose a development language(s)  Select and setup development tools  Setup Github TechPrototype repository | | | 21/3/2023  -  22/3/2023 | | VAHAGN |
| 4 | Design multiple architectural views  Complete UML model | | | 22/3/2023  -  04/4/2023 | | VAHAGN |
|  | 5 | Software Architecture Document   1. Introduction 2. Architectural Representation 3. Architectural Goals and Constraints 4. Use-Case View 5. Logical View 6. Process View 7. Deployment View 8. Size and Performance 9. Quality | | | 26/3/2023  -  25/4/2023 | | VAHAGN  (PART 1)  SHUEN LIN YEOH  (PART 2)  SIMON  (PART 3) |  |
|  | 6 | Supplementary Specifications for Java  Modify "VISION" document | | | 26/3/2023  -  25/4/2023 | | SIMON  SHUEN LIN YEOH |  |
|  | 7 | Realization of tech prototype   1. Build software prototype 2. Implement algorithms | | | 06/4/2023  -  10/5/2023 | | VAHAGN  SIMON |  |
|  |  |  | | |  | |  |  |
|  | 8 | Internal review and testing  Improve documentation  Improve tech prototype | | | 10/5/2023  -  15/5/2023 | | ALL |  |
|  | 9 | Write "Iterative Evaluation Report" | | | 16/5/2023 | | SHUEN LIN YEOH |  |

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| **Expected results:**  "VISION" document  Software Architecture Document  UML model  Tech code  Tech package  Supplementary Specifications for Java  "Iteration Evaluation Report" document for tech prototype  Tech prototype iteration PPT |
| **Key Risks and Countermeasures:**  Problem 1：Need to modify and update the details in every document.  Solution 1：Conduct more meeting among group members to discuss details.    Problem 2：The shortage of time.  Solution 2：Focus even more time on building tech prototype.    Problem 3：Lack of related knowledge.  Solution 3：Find resources through GitHub and seek help from tutorial videos. |