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| **Team Number:** [**SE25-PT**](https://ivle.nus.edu.sg/v1/File/Student/default.aspx?CourseID=cca03c5b-a48d-4860-9be0-12e9e7de8c02&workbinid=1fff08f0-ff91-4636-988e-3b6d7a17fb01&FolderID=b0358d1f-1192-4bb0-abfa-d3c1edc0fd96)**7** | **Date:07/May/2018** | |
| **Summary of work done since last report:**  **Completed**  WBS  Project Plan  HLD  Prototype  Planning & Feasibility Phase Report in the Form of Slide Deck  **In progress**  User Requirement Specification (revising according  User Interface Specification (need to confirm with the client for details)  Risk Management Plan (revising according to Audit)  Meeting with Sponsor  UI Requirements Gathering (need to get details UI/Graph and real sample data with real paramters)  Initial hands-on AWS (AWS AppSyn) | | |
| **Deliverables Started since last report:**  Project Plan  HLD  Prototype  URS  Risk Management Plan | **Deliverables Complete since last report:**  Project Plan  Prototype  HLD | |
| **Effort Expended** | | |
| **Name of each Team Member** | **Hours** | **Brief Summary of Work** |
| Kaung Myat Bo | 38 | * Creating another prototype version with AWS Kinesis service. * Finalizing project plan and WBS doc for Audi * Finializing MPP file for tracking * *Maybe some research work ()* |
| Gao Zhiyu | 51 | * Prototype Report * Research to IOT core(8) * IOT sdk code study(6) * Device communicate to iOT(7) * IOT talk to lambda (4) * Prototype of IOT lambda talk to IOT(20) |
| Treza Bawm Win | 39 | * Research on AWS IOT core, Kinesis, DynamoDB * Prototype of MQTT over websocket for web browsers to get live update data. * Finalize first version of HLD |
| Balasubramanian Narasimhan | 44 | * Planning & Feasibility Phase Report in the form of Slide Deck * Preparation of User Requirement Specification |
| Nay Lin Aung | 40 | * Preparation and implementation of Master File Directory (MFD) * Edition and maintenance of GIT repository files * Creation of UIS document using online mocups wireframing tool * Preparation of slides and documents for Audit * Preparation of slides regarding QA plan for first demo * Maintaining and issuing of ORM documents, ORM numbers for reviews of related documents * Study AWS IoT core |

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| **Summary of Work** | Kaung Myat Bo | Gao Zhiyu | Treza Bawm Win | Nay Lin Aung | Bala subramanian Narasimhan |
| Researching on Kenisis | 5 |  |  |  |  |
| Creating prototype with Kenisis | 20 |  |  |  |  |
| Finalizing Project Plan doc and MPP for tracking | 13 |  |  |  |  |
| Planning & Feasibility Phase Report in the form of Slide Deck |  |  |  |  | 18 |
| Preparation of User Requirement Specification |  |  |  |  | 26 |
| Research on AWS IOT core, Kinesis, DynamoDB |  |  | 20 |  |  |
| Prototype of MQTT over websocket for web browsers to get live update data. |  |  | 14 |  |  |
| Finalize first version of HLD |  |  | 5 |  |  |
| Prototype Report(6) |  | 6 |  |  |  |
| Research to IOT core |  | 8 |  | 2 |  |
| IOT sdk code study |  | 6 |  |  |  |
| Device communicate to iOT |  | 7 |  |  |  |
| IOT talk to lambda |  | 4 |  |  |  |
| Prototype of IOT lambda talk to IOT |  | 20 |  |  |  |
| Preparation and implementation of Master File Directory (MFD) |  |  |  | 8 |  |
| Creation of UIS document using online mocups wireframing tool |  |  |  | 20 |  |
| Preparation of slides and documents for Audit |  |  |  | 2 |  |
| Preparation of slides regarding QA plan for first demo |  |  |  | 4 |  |
| Maintaining and issuing of ORM documents, ORM numbers for reviews of related documents |  |  |  | 4 |  |

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| **Problems Encountered *(highlight any assistance you might need from your ISS advisor or other staff)*:** |
| **Plans for the Next Month:**  User Requirement Specification (revising according  User Interface Specification (need to confirm with the client for details)  Risk Management Plan (revising according to Audit)  Meeting with Sponsor  UI Requirements Gathering (need to get details UI/Graph and real sample data with real paramters)  Initial hands-on AWS (AWS AppSyn)  AWS service price research |