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| **Date:** | 16th September 2015 (Wednesday) |
| **Time:** | 1900 |
| **Venue:** | SMUX Meeting Room 2-2 |
|  |  |
| **Attendees:** | Amos, Chu Qian, Remy, Shing Hei, Jennifer |
|  |  |
| **Agenda:** | Refining Schedule for all Iterations |

The following was decided after much discussion:

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| **ITERATION #1** | | **PM: Koh Chu Qian** | | | **Duration: 57 Hours (10 days)** | |  |  |
| **Pair 1: Amos & Shing Hei** | | | **Pair 2: Remy & Jennifer** | | | |  |  |
| **Date: 18th September to 27th September** | | | | | | |  |  |
| **Non Coding Tasks** | | | | | | |  |  |
| **NO.** | **Description** | | | **Duration** | | **Assigned** | **Start Date** | **End Date** |
|  | **Research** | | | **2hours** | | **Chu Qian** | **17/9/2015** | **17/9/2015** |
|  | **Use Case Diagram, Domain Diagram & Use Case Scenario** | | | **2 hours**  **(Discussion - 1 hour)**  **(Design – 1 hour)** | | **Chu Qian** | **18/9/2015** | **18/9/2015** |
|  | **System Sequence Diagram, Sequence Diagram** | | | **5 hours** | | **Chu Qian** | **18/9/2015** | **20/9/2015** |
|  | **Class Diagram** | | | **1 hour** | | **Chu Qian** | **19/9/2015** | **20/9/2015** |
|  | **ER Diagram, Logical Diagram** | | | **3 hours** | | **Chu Qian** | **19/9/2015** | **20/9/2015** |
|  | **Test Deployment Cases** | | | **2 hours** | | **Chu Qian** | **21/9/2015** | **21/9/2015** |
|  | **Supervisor Meeting Review** | | | **1 hour** | | **Chu Qian** | **22/9/2015** | **22/9/2015** |
|  | **Review Of Iteration** | | | **1 hour** | | **Chu Qian** | **27/9/2015** | **27/9/2015** |
|  | **Code Review** | | | **2 hours** | | **Chu Qian** | **27/9/2015** | **27/9/2015** |
| **Coding Tasks** | | | | | | |  |  |
|  | **Login + JSON**   * **[Backend] Entity Classes (DAO) + Controller** * **[Frontend] View** | | | **8 hours**   * **6 hours** * **2 hours** | | **Amos, Shing Hei** | **23/9/2015**  **23/9/2015** | **26/9/2015**  **26/9/2015** |
|  | **Bootstrap + JSON**   * **Upload zip files** * **Read Data** * **Validate Data** * **Store data into SQL** * **[Backend] Entity Classes (DAO)** | | | **23 hours**   * **3 hours** * **2 hours** * **7 hours** * **8 hours** * **3 hours** | | **Remy, Jennifer** | **22/9/2015** | **26/9/2015** |
|  | **Bootstrap + JSON**   * **View + JSON** | | | **3 hours** | | **Amos, Shing Hei** | **22/9/2015** | **26/9/2015** |
|  | **Integration, testing, debug/documentation** | | | **4 hour** | | **Amos, Shing Hei** | **26/9/2015** | **27/9/2015** |
|  | **Deployment** | | | **1 hour** | | **Amos, Shing Hei** | **27/9/2015** | **27/9/2015** |

**Critical Path: Boot Strap.**

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| **ITERATION #2** | | **PM: Remy Ng** | | | **Duration: 51 hours (9 days)** | |  |  |
| **Pair 1: Amos & Chu Qian** | | | **Pair 2: Jennifer & Shing Hei** | | | |  |  |
| **Date: 28th September to 6th October** | | | | | | |  |  |
| **Non Coding Tasks** | | | | | | |  |  |
| **NO.** | **Description** | | | **Duration** | | **Assigned** | **Start Date** | **End Date** |
| **1** | **Research** | | | **2 hours** | | **Remy Ng** | **28/9/2015** | **30/9/2015** |
|  | **Design (UI), Wire Framing** | | | **1 hour** | | **Remy Ng** | **28/9/2015** | **30/9/2015** |
|  | **Review Diagrams** | | | **4 hours** | | **Remy Ng** | **28/9/2015** | **30/9/2015** |
|  | **PM Review** | | | **2 hours** | | **Remy Ng** | **2/10/2015** | **2/10/2015** |
|  | **Test Deployment Cases** | | | **2 hours** | | **Remy Ng** | **28/9/2015** | **30/9/2015** |
|  | **Code Review** | | | **2 hours** | | **Remy Ng** | **6/10/2015** | **6/10/2015** |
|  | **Review Of Iteration** | | | **1 hour** | | **Remy Ng** | **6/10/2015** | **6/10/2015** |
| **Coding Tasks** | | | | | | |  |  |
|  | **Basic App Usage Report**   * **DAO & Controller (6 hours)** * **Breakdown by usage time category (e.g., High/Medium/Low) UI (1.5 hour)**   + **Retrieve data**   + **Format data** * **Breakdown by usage time category and demographics UI (1.5 hour)**   + **Retrieve data**   + **Format data** * **Breakdown by app category UI (1.5 hour)**   + **Retrieve data**   + **Format data** * **Diurnal pattern of app usage time UI (1.5 hour)**   + **Retrieve data**   + **Format data** * **JSON** | | | **13 hours** | | **Amos, Chu Qian** | **30/9/2015** | **5/10/2015** |
|  | **Top-k app Usage Report (For the INDIVDUAL user) – 6 hours**   * **DAO & Controller (3 hours)** * **Top-k most used apps (given a school) UI (1hr)**    + **Retrieve data**   + **Format data**  Top-k students with most app usage (given an app category) UI (1hr)  * + **Retrieve data**   + **Format data**  Top-k schools with most app usage (given an app category) UI (1hr)  * + **Retrieve data**   + **Format data** * **JSON** | | | **7 hours** | | **Shing Hei & Jennifer** | **30/9/2015** | **5/10/2015** |
|  | **Smartphone Overuse Report**   * **DAO & Controller (4 hours)** * **Front-End (1 hour)** * **JSON** | | | **6 hours** | | **Shing Hei & Jennifer** | **30/9/2015** | **5/10/2015** |
|  | **Integration, testing, debug/documentation**   * **Basic App Usage Report (3 hours) Amos &CQ** * **Top-k app Usage Report (3 hours) Shing Hei & Jennifer** * **Smartphone Overuse Report (3 hours) Shing Hei & Jennifer** | | | **9 hours** | | **Amos, Shing Hei, Jennifer, Chu Qian** | **5/10/2015** | **6/10/2015** |
|  | **Deployment** | | | **1 hour** | | **Amos, CQ** | **6/10/2015** | **6/10/2015** |

Critical path: Loading Location Data, bootstrapping with location data > Smartphone usage heat-map

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| **ITERATION #3** | | **PM: Jennifer Yap** | | | **Duration: 49 Hours (9 days)** | |  |  |
| **Pair 1: Remy & Chu Qian** | | | **Pair 2: Amos & Shing Hei** | | | |  |  |
| **Date: 7th October- 15th October** | | | | | | |  |  |
| **Non Coding Tasks** | | | | | | |  |  |
| **NO.** | **Description** | | | **Duration** | | **Assigned** | **Start Date** | **End Date** |
| **1** | **Planning – 7 Hours**   * **Research (2 hours)** * **Review of Diagram (2 hours)** * **UI Planning (1 hour)** * **Test Development (2 hours)** | | | **7 hours** | | **Jennifer** | **7/10/2015**  **7/10/2015**  **8/10/2015**  **7/10/2015** | **8/10/2015**  **7/10/2015**  **8/10/2015**  **8/10/2015** |
|  | **Supervisor Meeting** | | | **1 hour** | | **Jennifer** | **13/10/2015** | **13/10/2015** |
|  | **Review Of Iteration** | | | **1 hour** | | **Jennifer** | **15/10/2015** | **15/10/2015** |
|  | **Code Review** | | | **2 hours** | | **Jennifer** | **15/10/2015** | **15/10/2015** |
| **Coding Tasks** | | | | | | |  |  |
|  | **Loading Location Data, bootstrapping with location data (10 hours) Remy & CQ** | | | **10 hours** | | **Remy, Chu Qian** | **8/10/2015** | **14/10/2015** |
|  | **Deletion of Location Data** | | | **5 hours** | | **Remy, Chu Qian** | **8/10/2015** | **14/10/2015** |
|  | **Smartphone Usage Heat-map**  **DAO & Controller (4 hours)**  **UI (1 hours)** | | | **5 hours** | | **Amos & Shing Hei** | **8/10/2015** | **14/10/2015** |
|  | **Social Activeness (5 Hours)**  **- DAO & Controller (4 hours)**  **- UI (1 hour)** | | | **5 hours** | | **Amos & Shing Hei** | **8/10/2015** | **14/10/2015** |
|  | **Integration, testing, debug/documentation**   * **Loading Location Data, Bootstrapping with location data (4hrs, Remy & CQ)** * **Deletion Of Location Data (3hr, Remy, Chu Qian** * **Usage Heat-map(2hr, Amos & Shing Hei)** * **Social Activeness (2hr Amos & Shing Hei** | | | **11 Hours** | | **Amos, Shing Hei** | **14/10/2015** | **15/10/2015** |
|  | **Deployment** | | | **1 hour** | | **Remy, Chu Qian** | **15/10/2015** | **15/10/2015** |

Critical path: Loading Location Data, bootstrapping with location data > Smartphone usage heat-map

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| **ITERATION #4** | | **PM: Shing Hei** | | | **Duration: 44 hours (12 days)** | |  |  |
| **Pair 1: Amos & Remy** | | | **Pair 2: Chu Qian & Jennifer** | | | |  |  |
| **Date: 16th Oct to 27th Oct** | | | | | | |  |  |
| **Non Coding Tasks** | | | | | | |  |  |
| **NO.** | **Description** | | | **Duration** | | **Assigned** | **Start Date** | **End Date** |
| **1** | **Planning – 7 Hours**   * **Research (2 hours)** * **Review of Diagram (2 hours)** * **UI Planning (1 hour)** * **Test Development (2 hours)** | | | **7 Hours** | | **Shing Hei** | **16/10/2015**  **16/10/2015**  **16/10/2015**  **16/10/2015** | **16/10/2015**  **17/10/2015**  **16/10/2015**  **18/10/2015** |
|  | **Supervisor Meeting** | | | **2 hour** | | **Shing Hei** | **27/10/2015** | **27/10/2015** |
|  | **Code Review** | | | **2 hours** | | **Shing Hei** | **27/10/2015** | **27/10/2015** |
|  | **Review Of Iteration** | | | **1 hour** | | **Shing Hei** | **27/10/2015** | **27/10/2015** |
| **Coding Tasks** | | | | | | |  |  |
|  | **Advanced Smartphone Overuse Report**   * **DAO & Controller (7 hours)** * **UI (2 hours)** | | | **9 hours** | | **Chu Qian & Jennifer** | **18/10/2015** | **25/10/2015** |
|  | **Graphical UIs (Heatmap and Chart)**   * **DAO & Controller (4 hours)** * **UI (8 hours)** | | | **12 hours** | | **Amos, Remy** | **18/10/2015** | **25/10/2015** |
|  | **Integration, testing, debug/documentation**   * **Advanced smartphone overuse (CQ & Jennifer)** * **Graphical UI (Remy, Amos)** | | | **10 Hours** | | **Remy, Amos**  **CQ, Jennifer** | **25/10/2015** | **27/10/2015** |
|  | **Deployment** | | | **1 hour** | | **CQ, Jennifer** | **27/10/2015** | **27/10/2015** |

Critical path: Graphical UI

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| **ITERATION #5** | | **PM: Amos** | | | **Duration: 32 hours (7 days)** | |  |  |
| **Pair 1: Shing Hei & Remy** | | | **Pair 2: Jennifer & Chu Qian** | | | |  |  |
| **Date: 28th Oct to 3rd Nov** | | | | | | |  |  |
| **Non Coding Tasks** | | | | | | |  |  |
| **NO.** | **Description** | | | **Duration** | | **Assigned** | **Start Date** | **End Date** |
| **1** | **Planning(how to optimize the query)**   * **Research** * **Review of Diagram** | | | **2 Hours** | | **Amos** | **28/10/2015** | **28/10/2015** |
|  | **Test Development cases** | | | **2 hour** | | **Amos** | **28/10/2015** | **28/10/2015** |
|  | **Code Review** | | | **2 hours** | | **Amos** | **3/11/2015** | **3/11/2015** |
|  | **Review Of Iteration** | | | **1 hour** | | **Amos** | **3/11/2015** | **3/11/2015** |
| **Coding Tasks** | | | | | | |  |  |
|  | **Fast execution of queries for:**   * **Bootstrap (3hr, CQ & Jennifer)** * **Top K (2hr, CQ & Jennifer)** * **Basic App Usage (2hr, Remy & ShingHei)** * **Heat Map (2hr, Remy & ShingHei)** * **Smart phone Overuse & Advanced (3hr, Remy & ShingHei)** * **Social Activeness (2hr, Remy & Shing Hei)** | | | **15 hours** | | **Remy, Chu Qian, Jennifer, Shing Hei** | **28/10/2015** | **2/11/2015** |
|  | **Integration, testing, debug/documentation**   * **Bootstrap (2hr, Jen & CQ)** * **Top K (1hr, Jen & CQ)** * **Basic App Usage & Heat Map (3hr, ShingHei & Remy)** * **Smart phone Overuse & Advanced& Social Activeness 3hr ShingHei & Remy** | | | **9 hour** | | **Remy, Chu Qian, Jennifer, Shing Hei** | **2/11/2015** | **3/11/2015** |
|  | **Deployment** | | | **1 hour** | | **Jenn, CQ** | **3/11/2015** | **3/11/2015** |

Critical path: Top K > Basic App Usage > Heat Map > Smart phone Overuse & Advanced > Social Activeness

Buffer time: 3rd Nov to 5th Nov (Before UAT) – 11 hours

UAT

Iteration 6: 5th Nov– 13rd Nov (9 days)

Improvement based on UAT feedback

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| **ITERATION #6** | | **PM: Remy** | | | **Duration: 57 hours (16 days)** | |  |  |
| **Pair 1: Amos & Jennifer** | | | **Pair 2: Shing Hei & Chu Qian** | | | |  |  |
| **Date: 5th Nov to 20rd Nov** | | | | | | |  |  |
| **Non Coding Tasks** | | | | | | |  |  |
| **NO.** | **Description** | | | **Duration** | | **Assigned** | **Start Date** | **End Date** |
| **1** | **Planning** | | | **2 hours** | | **Remy** | **5/10/2015** | **5/10/2015** |
|  | **Diagram Review** | | | **2 hours** | | **Remy** | **5/10/2015** | **5/10/2015** |
|  | **Presentation preparation** | | | **10 hours** | | **Remy** | **5/10/2015** | **20/11/2015** |
|  | **Final Presentation** | | | **2 hours** | | **Remy** | **20/11/2015** | **20/11/2015** |
|  | **UAT Meeting Review** | | | **8 hour** | | **Remy** | **10/10/2015** | **10/10/2015** |
|  | **Test development case** | | | **2 hour** | | **Remy** | **5/10/2015** | **7/10/2015** |
|  | **Code Review** | | | **2 hours** | | **Remy** | **13/10/2015** | **13/10/2015** |
|  | **Review Of Iteration** | | | **1 hour** | | **Remy** | **13/10/2015** | **13/10/2015** |
| **Coding Tasks** | | | | | | |  |  |
|  | **Changes for UAT:**   * **Bootstrap (3hr, Jennifer & Amos)** * **Top K (2hr, CQ & ShingHei)** * **Basic App Usage (2hr, CQ & ShingHei)** * **Heat Map (3hr, Jennifer & Amos)** * **Smart phone Overuse & Advanced (4hr, Shing Hei & CQ)** * **Social Activeness (2hr, Jennifer & Amos)** | | | **16 hours** | | **Amos, Chu Qian, Jennifer, Shing Hei** | **6/10/2015** | **12/10/2015** |
|  | **Integration, testing, debug/documentation**   * **Bootstrap (2hr, Jen & Amos)** * **Top K (1hr, CQ & Shing Hei)** * **Basic App Usage (2hr, CQ & ShingHei)** * **Heat Map (2hr, Jen & Amos)** * **Smart phone Overuse & Advanced (2hr, CQ & ShingHei)** * **Social Activeness (2hr Jen & Amos)** | | | **11 hour** | | **Amos, Chu Qian, Jennifer, Shing Hei** | **12/10/2015** | **13/10/2015** |
|  | **Deployment** | | | **1 hour** | | **Jenn, Amos** | **13/10/2015** | **13/10/2015** |

**Additional Pointers:**

Standardize naming conventions on Sunday (20th September 2015- Saturday)

The meeting was adjourned at 10pm. The next meeting will be on 17/09/2015, 7pm to 9pm.

Prepared by,

Amos Tan

Vetted and edited by,

Koh Chu Qian