**Project Status Report II**

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| Date of Report Issue/Prepared: 6 February 2020 |

Report Prepared By:

Sir Angel Naguit, Aldrin John Jacildo, Maria Lilian Yang, Francis Victa

Employer/Organization: N/A

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| Project Name:  Project Team:  Period Reporting:  Overall Project Health | Martial Arts Gym Information and Tracking System | |
| TeamBits | |
| Start Date: **Jan 20, 2020** | End Date: **Feb 02, 2020** |
| Yellow (Warning) | |

Summary

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| **Project Status Summary** |
| * The team continued working on the Magits Web App. * Task not finished from the previous phase has been completed * Most CRUD operations have already been developed * Project’s Mobile responsiveness is now better than before but still needs more work. * QR code identification for members is now available. * The team has encountered issues such as:   + Fetching data that are stored from different collections in the database.   + Heroku billing the project’s hosting. * The team has perceived risks such as:   + Incorrect task finishing time estimation due to unfamiliar risks.   + MongoDB service outage while developing the project.   + Upcoming Midterm Exams and Lab Exams |

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| **Accomplishments As Planned** | **Planned but not Accomplished** |
| Member Account Management Frontend | Admin Views Modules Frontend UI |
| Course Enrollment for Members Frontend | Member Frontend Functionalities UI |
| Member Module Frontend UI | Instructor Frontend Functionalities UI |
| Course Manager Backend and Frontend |  |
| Membership Type Manager Backend and Frontend |  |
| Instructor Module Frontend Views |  |
| Session CRUD Backend |  |
| Membership Type Backend Manager |  |

Upcoming Objectives for Feb 3, 2020, 2020 to Feb 23, 2020

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|  | | **Planned Activities/Tasks for Phase 3** | |  |
| **Activity/Task** | **Assigned To** | | **Duration** | **Date** |
| Session Backend | Francis | | 5 days | Feb 14, 2020 |
| Admin Views Modules Frontend UI | Aldrin | | 5 days | Feb 14, 2020 |
| Member Frontend Functionalities  Sir Angel | Sir Angel | | 8 days | Feb 19, 2020 |
| Instructor Frontend Functionalities | Lilian | | 5 days | Feb 14, 2020 |
| Session Module Frontend | Aldrin | | 5 days | Feb 23, 2020 |
| QR generator module | Sir Angel | | 2 days | Feb 23, 2020 |
| Scanning module Frontend | Lilian | | 10 days | Feb 29, 2020 |
| Member Check-in (for Scanning) module Backend | Francis | | 10 days | Feb 29, 2020 |

Phase 4 Milestone Objectives: Feb 23, 2020 - March 6,2020

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|  | **Milestones for Next Period** | | |
| **Milestone (Objective)** | | **Estimated Milestone**  **Target date** | **Assigned To:** |
| Completion of Phase 4 | | March 6 |  |
| 1. Announcement Manager | | March 6 | Francis |
| 1. Email Feature | | March 6 | Aldrin |
| 1. Session Feedback Feature | | March 6 | Sir Angel |
| 1. Cont. Scanning module Frontend | | Feb 24- Feb29 | Lilian |
| 1. Cont. Scanning module Frontend | | Feb 24- Feb29 | Francis |
| 1. User Testing | | Feb 29- March 6 | Lilian |

Managing Issues and Risk

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| **Issues/Problems** | **Resolution Strategy** | **Due Date** |
| Other course activities takes up a lot of time | Manage schedule wisely, allocate time for other course activities | Every week |
| Heroku charging monthly payment | Transfer to a new free tier account to avoid getting billed monthly. | Feb 6, 2020 |
| Fetching data that are stored from different collections in the database. | Consulted experts on how to use multiple callbacks with observables in Angular. | Feb 7, 2020 |

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| **Upcoming Risks** | **Risk Ranking**  **(Hi, Med, Low)** | **Risk Impact**  **(Hi, Med, Low)** | **Mitigation Strategy** |
| Incorrect time estimation for task completion which could delay production | Med | High | Consult with timetable regularly ang adjust tasks and due dates accordingly. Project leader will also need to be stricter with due dates. |
| MongoDB service outage | Low | High | We will be unable to test and develop when service outages occur. Installing local MongoDB to test locally will help mitigate risk. |
| Upcoming Midterm Exams and Lab Exams may delay project tasks completion for the current sprint period as the focus of group members may need to shift | Low | Med | The group will need to work earlier and finish tasks earlier. If needed, tasks may be able to be delayed until the next sprint period, but this is the worst case scenario. |