

Project Status Report II

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

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

Summary

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

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

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

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

Managing Issues and Risk

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

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 and 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.