**Project Status Report II**

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| Date of Report Issue/Prepared: 02/08/2020 |

Report Prepared By: Andrew Cobb

Employer/Organization: Joey Corp

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| Project Name:  Project Team:  Period Reporting:  Overall Project Health | How to Train You Dragon Boat | |
| T04 | |
| Start Date: **Jan 20, 2020** | End Date: **Feb 09, 2020** |
| **Green** | |

Summary

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| **Project Status Summary** |
| Application’s basic structure has been created, with production either beginning or completed on screens such as the Team Screen or the Ready screen. Navigation between the majority of screens has been implemented according to the wireframes, and is functional. SQLite database and associated libraries have been implemented, and progress has been made on the Teammate table structure. Database is currently undergoing testing to ensure that connection is achieved between the back-end and the front end components, and that front-end models execute queries properly to retrieve data. Further database tables including the Layout Database and Analytics Database will be implement with better efficiency when the connection proves successful. Major Layout Screens including the Ready Screen, Team Screen, and Layout Screen have been created, and development of other screens is in progress. |

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| **Accomplishments As Planned** | **Planned but not Accomplished** |
| Implementation of SQLite Database | Testing Crud interfaces with DB back end |
| Development of major Application Screens and User layout, including Ready Screen and Layout Screen and Team Screen |  |
| Continued Development and Testing of Navigation Structure |  |
| Basic Skeleton Structure of most application screens. |  |

Upcoming Objectives for Feb 9, 2020, 2020 to Feb 23, 2020

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|  | **Planned Activities/Tasks for Next Period** | |  |
| Activity/Task | Assigned To | Duration | Date |
| Completion Overall Structure of Database, Implementation of all required tables, including required fields, validations, and relations to tables. | Andrew Cobb | 5 days | Feb 16 |
| Testing functionality of Inserting, Deleting, Updating, and Retrieving of Dummy Data from database | Andrew Cobb | 2 day | Feb 18 |
| Creation of front-end Models and class structures required for retrieval and storage of data from database queries | Nga Le | 2 day | Feb 17. |
| Continued testing of application functionality on multiple devices and emulators (android + iOS) | Giuseppe Ragusa, Nga Le | 2 day | Feb 21. |
| Continued Development of Screen Layout and Front end functionality, such as Interface design for  Analytics Screen or View Layout Screen | Giuseppe Ragusa | 3 days | Feb 17. |
| Teammates screen fully functioned with CRUD operations and front end models which communicate with Database queries | Nga Le, Giuseppe Ragusa | 2 days | Feb 21. |
| Enabling Location Services within the application, through app configurations or additional installation of libraries or dependencies | Arsalan Farooqui | 1 day | Feb 16. |
| Implementation Google Maps API within application | Arsalan Farooqui | 2 days | Feb 18. |
| Testing Functionality of Google Maps API within a proper environment | Arsalan Farooqui | 3 days | Feb 21. |

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|  | **Milestones for Next Period** | | |
| Milestone (Objective) | | Assigned To | Delivery Date |
| CRUD operations completed (front end and back end) | | Giuseppe Ragusa, Andrew Cobb | Feb 22 |
| Implement Google Maps API and position | | Nga, Arsalan Farooqui | Feb 22 |

Managing Issues and Risk

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| **Issues/Problems** | **Resolution Strategy** | **Due Date** |
| Emulators are causing issues testing application. | Explore additional methods of testing, work with all team members to create stable production environments | Feb 16 |
| Slight miscommunications between team members is resulting in certain features or code files to be programmed/implemented in different manners than expected | Each Team Member will clarify the information given to them about how to program certain features, and updates/reviews will be reviewed by Project Manager to ensure that any changes needs are caught and fixed in the early stages. | Feb 14. |

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| **Upcoming Risks** | **Risk Ranking**  **(Hi, Med, Low)** | **Risk Impact**  **(Hi, Med, Low)** | **Mitigation Strategy** |
| Project Members varying experience will cause discoordination | Low: Project Members have worked on multiple projects with proper coordination | Med | Communication will be established with all members to coordinate tasks that each member prefers |
| Project Schedule interfered by Education Schedule | High: All Project Members are active participants in education, weekly occurrence | Low | Project Timelines and Task Durations design with education as a factor, includes deadlines to be extended if necessary. |
| Absence of Project Member during meeting | Low: Communication with all members established outside meetings | Low | New Meetup date will be set to accommodate the member, or information from the current meeting will be relayed to the absent member. |
| Project Methodology foreign to project members | Medium: previous experience with other methodologies and requirements. | Med | Previous experience will be used as a tool for development throughout the project |

**NOTE: Attach additional sheets if insufficient space available**