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| SMP |
| SuperPoints  Stage Plan  3 |
| SuperPoints |
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| **John Hoang**  **Oliver Jang**  **Harman Minhas**  **Henry Jiang** |
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## Overview

Plans for future stages have changed dramatically due to the incorporation of an attempt at a machine learning component that will take up the last week of development. As a result many of the features have been pushed up to the forefront in terms of expected completion dates. Our client, has told us that UI can be redesigned by an outside developer and that a full blown redesign of the application is unnecessary. As a result of this UI development will be minimized along with pushing the schedule up in order to accommodate the machine learning aspect.

The 3rd week will be dedicated to implementation of the administrator component of the application. This will include a monthly KPI report that will be derived from the statistical data we have gathered from each store. This will also include a means to given identification to a beacon that has been registered to a new business.

Documentation will be created for the application, the database structure, and the Bluetooth beacons. These will detail basic guidelines for using the application, details about the back-end system and the principles behind its operation, and what must be handled in the situation of a new business in terms of the Bluetooth beacon. All the usual documents will also be delivered during this period.

Some of the minor miscellaneous bugs that have existed since the inoculation of the application will also be addressed. We also will perform the bulk testing of integration during this period. These will adhere to our test cases and will primarily target database agreement with user interaction with the application. This will also include UI agreement with database values. Testing will be performed on each activity with each aspect of usage tested.

Minor UI developments primarily colors and fonts will also be introduced. The main goal here is develop a theme of consistency for the application, not necessarily the most aesthetically appealing, this can be handled by other developers over the lifeline of SuperPoints.

## Outcomes

By the end of this period we will have delivered the application in its entirety almost besides the machine learning aspect we have decided to incorporate as a result of discussions with our supervisor. This will have completed the “feature” based requirements, and documentation based requirements of our Phase 2 plan.

## Dependencies

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| **Dependency** | **Deadline** |
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## Deliverables

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| **Deliverable** | **Description** |
| “Error-less” application | Tentative quotes because there will always be an error of some kind no matter the level of testing introduced. There will be no blatant errors. |
| Administrator component | Add activities for administrators, create KPI report based on reports created by statistics generated by businesses, email this to the administrator, ability to add regions to a beacon in the database |
| Documentation | A guide to the basic usage of the application, a guide to the database and interactions in the system, a guide for the administrator on setting up beacons |
| UI Update | Minor updates to make the application adequately appealing |

## Work Breakdown

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| **Owner** | **Description** | **Completion Date** |
| WEEK 3 | | |
| Harman | Administrator component | 05/11 |
| Oliver | Bluetooth guide, administrator component | 05/11 |
| John | Application guide, UI consistency | 05/11 |
| Henry | Database interactions with administrator component, database interaction guide | 05/11 |
| Everyone | Integration and regression testing | 05/11 |
| Oliver | Client minutes | 05/09 |
| Harman | Team minutes | 05/09 |
| John | Estimates and Time Actuals | 05/11 |
| Harman | Weekly Status Report | 05/11 |
| Henry | Risks and Technical Issues | 05/11 |
| Henry | Supervisor minutes | 05/09 |
| Henry | Test Cases | 05/11 |
| John | Stage Plan | 05/11 |