| Iteration Plan | | | Planned / Estimate | | | Actual | | |
|----------------|-----------------------------------|--|--------------------|--------|--------|--------|-------|--------|
| Milestone | Assigned | Activity | Start | End | Effort | Start | End | Effort |
| Iteration 1 | | | Jan.31 | Feb.13 | 100 | | | 100 |
| 1 | Jim | R2 - GUI form for customer registration on mobile app | Jan.31 | Feb.4 | 6 | Feb.2 | Feb.7 | 6 |
| 2 | Jim | R2 - Display error in GUI on invalid customer registration | Jan.31 | Feb.4 | 2 | Feb.2 | Feb.7 | 2 |
| 3 | Jim | R2 - Record data in database on valid registration | Feb.2 | Feb.4 | 1 | Feb.2 | Feb.7 | 1 |
| 4 | David Jessica Jim Thomas | R2, R31, R29 - Set up a database model and tables to store: example: Customer(email, password, points) Business(email, password, List ref(Customer)) Rewards(id, points, reward) BLE(id, time, ref(Customer)) | Jan.31 | Feb.1 | 8 | Feb.2 | Feb.9 | 8 |
| 5 | Jim | R29 - GUI for customer login on mobile app | Feb.5 | Feb.8 | 6 | Feb.2 | Feb.7 | 6 |
| 6 | Jim | R29 - Transition app activity to business list activity on login pressed | Feb.5 | Feb.8 | 1 | Feb.2 | Feb.7 | 1 |
| 7 | Jim | R29 - Display error in GUI on incorrect customer login on mobile app | Feb.5 | Feb.8 | 2 | Feb.2 | Feb.7 | 2 |
| 8 | Jessica | R4 - Retrieve the number of points for logged in customer in database for the selected business | Feb.1 | Feb.8 | 1 | Feb.6 | Feb.8 | 1 |
| 9 | Jessica | R4 - Create the Rewards Activity GUI to display the number of points the customer has for the selected business | Feb.6 | Feb.12 | 5 | Feb.6 | Feb.8 | 5 |

| 10 | Thomas | R31 - GUI form for business owner login | Jan.31 | Feb.4 | 7 | Feb.6 | Feb.9 | 7 |
|----|---------|--|--------|--------|----|-------|--------|---|
| 11 | Thomas | R31 - Upon business owner successful login redirect to web dashboard | Jan.31 | Feb.4 | 1 | Feb.6 | Feb.9 | 1 |
| 12 | Thomas | R11 - GUI to display existing rewards for business owner in web dashboard. | Feb.1 | Feb.7 | 9 | Feb.6 | Feb.9 | 9 |
| 13 | David | R11 - GUI to add a new reward. GUI should not allow invalid rewards to be added. | Feb.8 | Feb.12 | 9 | Feb.9 | Feb.11 | 9 |
| 14 | David | R11 - Allow business owners to add new reward to database | Feb.8 | Feb.12 | 1 | Feb.9 | Feb.11 | 1 |
| 15 | Justin | R7 - Install the Estimote BLEs into our testing area | Feb.2 | Feb.6 | 4 | Feb.7 | Feb.7 | 1 |
| 16 | Justin | R1 - Write services to communicate with the Estimote API to retrieve the BLE ID once in proximity | Feb.7 | Feb.12 | 20 | Feb.7 | Feb.11 | 8 |
| 17 | Jessica | R4 - Create a GUI on the mobile app to list all businesses along with the points per business for the logged in customer | Feb 1 | Feb 5 | 6 | Feb.1 | Feb.8 | 6 |
| 18 | Jessica | R4 - Transition from Business list activity to points activity for that business on selection | Feb 5 | Feb 6 | 1 | Feb.6 | Feb.8 | 1 |
| 19 | Jessica | R4 - Show the list of rewards for the selected business in the Rewards Activity | Feb 6 | Feb 12 | 6 | Feb.6 | Feb.8 | 6 |
| 20 | Thomas | R11 - Add functionality to remove an existing reward in the GUI | Feb.1 | Feb.12 | 4 | Feb.6 | Feb.9 | 4 |