**Project:** E Commerce Beacon **Date:** 02/03/2017

**Iteration: DBBeacon**

**Implementation Status:**

Prototyping Native Android App and Server Backend. Partial code implemented. The Software and hardware architectures are decided upon.

**Highlights: Server Backend now has a generic RESTful endpoint for major functions.**

**Risks or Issues List:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date Entered** | **Risk or Issue** | **Description** | **Resolution** | **Status** |
| 02/03/17 | RethinkDB automatic update doesn’t work via API | The RethinkDB doesn’t have a wrapper for RESTful apis. | Not Resolved. | May not use API as a streaming API. Only as a confirmation API. |

**Tasks in Progress or Completed in the Last Iteration:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task Name** | **Description** | **Who Worked on it** | **%Complete** |
| Native Android Application Development | Getting the UUID and other data from each beacon and displaying it in app | Everyone | 10% |
| Server Backend development. | Developing a Simple API for the Android Application to work with. | Everyone | 25% |

**Upcoming Tasks for the Next Iteration:**

|  |  |  |
| --- | --- | --- |
| **Task Name** | **Description** | **Who will Work on it** |
| Native Android Development | Continuing to develop the Android Application along the predetermined lines. | Everyone |
| Python Server Development | Writing the Server Code to quickly interface with the Application. | Everyone. |
| Android Application Development | Developing the Client with two types of users in mind, the customer and Business owner. |  |