**Project:** E Commerce Beacon **Date:** 16/02/2017

**Iteration: RethinkBeacon**

**Implementation Status:**

System not implemented. System Architecture still being decided on, as we determine what platforms and businesses we are targeting.

**Highlights: Received Beacon. Using RethinkDB. See Attached Database Design Document.**

**Risks or Issues List:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date Entered** | **Risk or Issue** | **Description** | **Resolution** | **Status** |
| 16/02/17 | Software Architecture | Deciding which type of development software to use to prototype the initial build | Partial | Redoing the Software Architecture. |
| 16/02/17 | Hardware Architecture | Assessing the current open-source beacon implementations | Resolved | Using Raspberry Pi, with the Eddystone Bluetooth Protocol.  No longer using Pi, using an Estimote beacon. |
| 16/02/17 | Server Architecture | Assessing the server software which can be used. | Resolved. | Using Python. |
| 16/02/17 | Database Architecture | Assessing Database technologies. | Resolved. | Using RethinkDB. See additional sheets. |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Task Name** | **Description** | **Who Worked on it** | **%Complete** |
| Server Software Assessments | Assessing what Server technology to build the back-end of the application will use. | Everyone | 100% |

**Upcoming Tasks for the Next Iteration:**

|  |  |  |
| --- | --- | --- |
| **Task Name** | **Description** | **Who will Work on it** |
| Database Server Implementation | Implementing RethinkDB inside of a RESTful python server. | Everyone |
| Interaction with Estimote Beacon. | Writing the Client/Server code to interact with the beacons. | Everyone. |