**Project Scope Statement**

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| **Project Title:** Intruder Counter Project  **Date:** 28 March 2017  **Project Members:**   * Kelvin Benzali * Jason Xu |
| **Project Vision:** |
| **Product Characteristic and Requirements:**   1. The application is implemented in Node.js which connect the IoT kit with the Firebase server and update any changes in database to the client web page. 2. The application is able to detect any movement from the motion sensor with an assumption *“A set of four consecutive motions is considered as intrusion if it has the sequence: Long Short Long Long”.* 3. The application is able to reads any data from motion sensor and send it to the Firebase server database. 4. Allow the user to interact with the IoT kit and the database from client web page app including the switch LED on/off, switch motion on/off, and reset database command. 5. The client web page app is able to fetch old data from the database and displays the information data including the long motion detected, short motion detected, and intruder motion |
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