

**Group number: May1714**

**Project title: Android App based on iBeacon**

**Advisor: Jay Kim**

**Team Members/Role:**

**Ming Wu (team leader)**

**Xiayang Sun (communication leader)**

**Chenliang Xu (webmaster)**

**Xin Ying (key concept holder)**

**Sam Jones (key concept holder)**

**Lyle Bishop (key concept holder)**

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○ **Weekly Summary (Short summary about what you did this week)**

For this week, our group had one advisor meeting on Tuesday. We finished the design document Version 1 before the advisor meeting, and we showed the design document to Professor Jay Kim. We also had a team meeting on Sunday afternoon. During the meeting, we revised the project plan Version 1 which had been finished several weeks ago.

○ **Past week accomplishments (please describe as what was done, by whom, when)**

- Some of group members who have little experience with Android Studio before are still getting familiar and practicing with that software.
- Ming Wu made some modification for the timeline part in our project plan. Now the timeline is much more clear than it was in the first version.
- Xin Ying added some reference to our project plan.
- We also included the page number in the table of contents, and labeled the figure number for our block diagram in project plan.

○ **Pending issues (if applicable)**

- Be sophisticated with Java programming and Android studio.
- Ming Wu will work on the UI design.
- Chenliang Xu will study for the database which is related to the project.
- Sam Jones will work on the iBeacon communication.
- Xin Ying, Xiayang Sun, and Lyle Bishop will work on the two functions: Silencing cell phones function and sending announcements function.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Xiayang Sun	1. Practice and get familiar with the Android Studio. 2. Think about the two main functions.	5	25
Chenliang Xu	1. Update the website 2. Study for the database that provided by ISU.	5	25
Ming Wu	1. Study for the User Interface design	5	25
Xin Ying	1. Practice and get familiar with the Android Studio. 2. Think about the two main functions.	5	25
Lyle Bishop	1. Practice and get familiar with the Android Studio.	5	25
Sam Jones	1. Practice and get familiar with the Android Studio. 2. Detect and translate iBeacon Bluetooth broadcast	5	25

- **Plan for coming week (please describe as what, who, when)**

For the coming week, Ming Wu is going to finish the User Interface design part, and then Xin Ying, Xiayang, and Lyle can start to create the two functions in the UI. Chenliang will continue thinking about how to send and receive data from the database server. Sam will start to work on the iBeacon communication.

- **Summary of weekly advisor meeting (if applicable/optional)**

Professor Jay Kim read the design document during the advisor meeting. He gave us some suggestions. He suggested us add some figures of the user interface, and do some modifications on the proposed system block diagram.