

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)

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

There was one group meeting on last Friday afternoon. Every group member talked about the design document and the plan for next week. Every member has been distributed to finish different parts of the design document. We decided to start our first function which is silencing cell phone function.

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

- Chenliang Xu finished making the senior design website.
- Every group member studied to use GitHub, which is used by our group to work on coding and programming.
- Sam Jones ordered the iBeacon.

○ **Pending issues (if applicable)**

- Start programming the first function: Silence the cellphone.
- Be sophisticated with Java programming, and using Android studio.
- Detect and translate Ibeacon Bluetooth broadcast.
- Measure the sensing distance of the iBeacon
- Finish the design document Version 1

○ Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Xiayang Sun	<ol style="list-style-type: none"> 1. Learned the function of an iBeacon 2. Learned how to use GitHub. GitHub is a code hosting platform that lets every group member work on our programming from different places. Making this will bring us much convenience for our work. 3. Practice and familiarize ourselves with Android Studio and android application programming. That is the most significant part of the project, because our project is mainly focused on using java and Android Studio. 	7	20
Chenliang Xu	<ol style="list-style-type: none"> 1. Learned the function of an iBeacon 2. Learned how to use GitHub. GitHub is a code hosting platform that lets every group member work on our programming from different places. Making this will bring us much convenience for our work. 3. Practice and familiarize ourselves with Android Studio and android application programming. That is the most significant part of the project, because our project is mainly based on java programming and Android Studio. 	7	20

Ming Wu	<ol style="list-style-type: none"> 1. Learned the function of an iBeacon 2. Learned how to use GitHub. GitHub is a code hosting platform that lets every group member work on our programming from different places. Making this will bring us much convenience for our work. 3. Practice and familiarize ourselves with Android Studio and android application programming. That is the most significant part of the project, because our project is mainly focused on using java and Android Studio. 	7	20
Xin Ying	<ol style="list-style-type: none"> 1. Learned the function of an iBeacon 2. Learned how to use GitHub. GitHub is a code hosting platform that lets every group member work on our programming from different places. Making this will bring us much convenience for our work. 3. Practice and familiarize ourselves with Android Studio and android application programming. That is the most significant part of the project, because our project is mainly focused on using java and Android Studio. 	7	20
Lyle Bishop	<ol style="list-style-type: none"> 1. Learned the function of an iBeacon 2. Learned how to use GitHub. GitHub is a code hosting platform that lets every group member work 	7	20

	<p>on our programming from different places. Making this will bring us much convenience for our work.</p> <p>3. Practice and familiarize ourselves with Android Studio and android application programming. That is the most significant part of the project, because our project is mainly focused on using java and Android Studio.</p>		
Sam Jones	<p>1. Learned the function of an iBeacon</p> <p>2. Learned how to use GitHub. GitHub is a code hosting platform that lets every group member work on our programming from different places. Making this will bring us much convenience for our work.</p> <p>3. Practice and familiarize ourselves with Android Studio and android application programming. That is the most significant part of the project, because our project is mainly focused on using java and Android Studio.</p>	7	20

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

- Every group will start programming the first function: Silence the cellphone.
- We will measure the accurate sensing distance between iBeacon and electronic devices.
- Decide the software which deals with the server and database.
- Finish the design document version 1.

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

Every group member met with Professor Jay Kim on last Tuesday afternoon. During the meeting, we have talked about the goal of our project and also the plan for the rest of the semester. We decided to create two functions for our android app. The first is to silence cell phones in specific areas (i.e. classroom); the second function is sending announcements from each authorized professors. We also decided to add a login page for our app. So that the professor is required to register and login to send the announcement relating to specific course. Using password to login also guarantees security.