

FINAL PROJECT PROPOSAL

**Names: Shafkat Ahmed**

**Project: iBeacon**

**Part A: Project Ideas & Objectives**

* **Develop an understanding of iBeacon.**
* **Start by getting the beacon to follow simple commands.**
* **Then, possibly move on to getting the beacons to broadcast other information, which could include school promotions or reminders for homework.**
* **First, I will learn some of the basics of the swift language to apply to the app.**
* **I will broadcast a UUID for other devices to receive, then I will program the devices to receive the Bluetooth Low Energy (BLE) signal.**

**Part B: Electronic Resources**

[**http://www.appcoda.com/ios7-programming-ibeacons-tutorial/**](http://www.appcoda.com/ios7-programming-ibeacons-tutorial/)

[**https://www.youtube.com/watch?v=3jJiqzbzutU**](https://www.youtube.com/watch?v=3jJiqzbzutU)

[**http://fosbury.vervemobile.com/resources**](http://fosbury.vervemobile.com/resources)

**Part C: Materials, Design**

**-Beacons**

**-iPad/iPhone**

**-MacBook**

**-Terminal App**

**-Xcode**

**The design for the receiver app will be basic and it will be easy to use, then, if possible, I would like to update the app for more people to use.**