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| ECE 411 | Binh Phan |
| Title: Intercom | Matt Walters |
| Supervisor: Mark Faust | Lionel Diaz |
| October 9th, 2016 | Tyler Seitz |
|  | Noah Harvey |

1. **Problem Statement and Objective:**

* In general, cellphone is the device which helps people to communicate with the others in every times and everywhere. However, the signal of cellphone is not covered in some building or some constructions, so people cannot use cellphone to connect. Moreover, cellphone is not allowed in some areas because of security. This is reason why intercom will be considered as the solution for these situations, and this will be used as the device to replace cellphone so that people can connect with each other in a certain areas.
* The objective of the project is to create a device that allows people to talk with each other when they are staying in different place.

1. **Methodology for Implementation of Project**
2. **Project Schedule Plan**

* Buying all necessary materials One Week
* Reading and understanding datasheet of components One week
* Writing sample codes Two weeks
* Combine codes and testing Two weeks
* Building hardware board One week
* Testing the code with hardware board Two weeks
* Final Write-up Two weeks.