1. **Report No.1 Introduction**
2. **Project Information**
3. **Introduction**
4. **Current Situation**

Nowadays, when participating in traffic, user often want to find route through the before locations is becoming more important, especially by bus or motorbike.

Currently, market has some applications that support routing such as Google map or BusMap (Ministry of Communications and Transport). Google Map allows users will enter starting and ending location’s information into their cell phones (with already networked), application will give optimal paths (through one point or multiple points). The users will choose the best path that meet their requirement. After that, users will check mobile phone periodically for tracking their location on route. With Bus Map allows users search all 110 bus routes in the HCM city with enough information such as route name, distance, duration of operation…etc. In addition, Bus Map allows users detecting routing and search stops. However, Bus Map only support routing with bus.

1. **Problem Definition**

Below are disadvantages of current situation:

* Currently, the market has not supported finding route through multiple points yet. Google Map has already supported through multiple points but only for motorbike routing.
* There are some disadvantages of using smartphone to find route such as theft, inconvenience, no safety in motorbike control as well as the bus.

1. **Proposed Solution**

**5.2 Advantages and disadvantages:**

1. **Functional Requirements**
2. **Role and Responsibility**