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

Nowadays, when participating in traffic, user often wants to find route through some locations. This situation becomes more important especially participating by bus or motorbike.  
 Currently, mobile market has some applications that support routing such as Google map or BusMap (Ho Chi Minh Ministry of Communications and Transport -<http://www.buyttphcm.com.vn/Detail_News.aspx?sl=717>).   
 Google Map and BusMap allow user enters starting location and ending location into their cell phones (with already networked). After that, Google Map and BusMap will suggest some optimal paths. Finally, user will choose the best route suitable for their need. When user finish selected their choice, mobile application will render route on mobile screen so user can follow the route.

With Google Map, user can optional enter arrival time and departure time. By this constraint, Google Map will find suitable routes that user can start and come to place on time.

1. **Problem Definition**

Below are disadvantages of current situation:

* BusMap doesn't support motorbike route.
* BusMap doesn’t support time constraint (arrival time, departure time) when finding route.
* Google Map and BusMap don't support route through more than two points.
* No applications using smart watch for finding route, just for phone. There are some disadvantages of using only 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**