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

Today, when participating in traffic, demand find route through the before locations is becoming more important, especially with bus and motorbike. Currently, market has some applications that support the directions such as google map or bus map of transportation department. Users will enter starting and ending location’s information into their cell phones (was networked), the app will give serveral paths (maybe through a point, or points entered). The users will choose the path that best meet their convenience.

1. **Problem Definition**

Below are disadvantages of current situation:

* Currently, the market has not support the application to find route through multiple points yet. Google Map API has already supported through points for motorbike, but doesn’t support for bus.
* There are some disadvantages of using smartphone to find route such as theft, unconvenient, no safety in motorbike control as well as the bus.

1. **Proposed Solution**

**5.2 Advantages and disadvantages:**

* Advantages:

+ The interaction between the insured one and the insurance company: the insured one and the company now are easier to communicate through the website when each person has an account.

+ Reduce risk of insurance card made of paper: the NFC insurance card will not be torn, wet or smudged. And it is difficult to be counterfeit than insurance card made of paper.

+ Support police to check valid insurance card easier.

* Disadvantages:

+ The fees are high includes NFC cards, android devices.

+ At the present time, not consistent with the law of Vietnam about insurance card issues.

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