1. **Report No.1 Introduction**
2. **Project Information**
3. **Introduction**
4. **Current Situation**
5. **Problem Definition**
6. **Proposed Solution**

**5.1 Feature functions:**

* Web app: For Staff only.

+ Management routing: edit information.

+ Notify new update data from server to staff.

* Background:

+ Check new data periodically.

+ When new data is coming. Write to temporary data and notify to staff about new data.

* Mobile app:   
  + Find bus route through two point.  
  + Find Bus route through 4 points.  
  + Find motorcycle route through two point.  
  + Find motorcycle route through 4 points.  
  + Find Bus route through 4 points with optimize.  
  + Find motorcycle route through 4 points with optimize.
* Wear app:

+ Bus:

Notify when next station coming.  
Notify which bus station should take off.  
Notify which bus station should take on.

+ Motorcycle:

Notify when come to next location

**5.2 Advantages and disadvantages:**

* Advantages:

+ Support optimization passes through multi points.

+ Support on smart wear, they can look up information easy. Don't need to use mobile phone. Decreased ability to stolen.

* Disadvantages:

+ Smart wear has high price and these screen is slightly small, hard to use for newbie.

+ Have not supported directly from the transportation office as other applications, so accurate data are limited.

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