### Problem Abstract

The transport system has a lot of roads and bus routes. Even local people hardly knew well. With this system, users must spend a lot of time and money to get to where they want. With the worst case scenario, user can get lost, causing danger to themselves. For those who have experience in finding routes, they will also not sure which route is best for them.

We provide application, which helps users find bus routes or motorcycle routes through from two points to four points with optimized condition (shortest time, the road changes number at least). Application supports to android phone and android wear. User can setup point and find routes on android phone and it will notify events of their routes. If user has android wear, it will be sync from android phone and hold notification function.

#### Current Situation

Below are the problems encountered in this project:

* **Depend on other systems**: all the needed data is gotten from other systems. So if these have change. Our system will be out of update.
* **Application for bus driver:** all bus drivers must have checker application on mobile to support our system.

#### Boundaries of the System

* Every company who has Information System infrastructure can deploy this system.
* Companies who deployed this system has to equip enough devices for the system to run, includes:
  + Computer system with internet connection.
* The language of this system is Vietnamese
* The complete product includes:
  + Website application for staffs.
  + Mobile and wear application for users.
  + Checker mobile application for bus drivers.