1. **Report No.1 Introduction**
2. **Project Information**
3. **Introduction**

Nowadays, within the strong development of presently economy, time is always the one of priority in all areas. In particularly, when participating in traffic, how to move in many difference locations as fast as possible in other that you can save your time and cost. However, we have not had a quite perfect application which response the needs from user until now.

Facing above problem, our team have given solution to overcome defect of present software on market. We also deploy application on smart-watch to increase convenient for user when they participate in traffic

1. **Current Situation**
2. **Problem Definition**
3. **Proposed Solution**
4. **Functional Requirements**

Web Component: (for staff only)

1. Edit bus route and bus time information.
2. Approve bus route and bus time change from background handler and write to official database.

Parser Component:

1. Parse bus route information.
2. Parse bus timetable information.
3. Periodically detect change from official bus website and write to temporary database.

Mobile Component:

1. Synchronize data from server to mobile.
2. Find optimize path between two point when using bus.
3. Find optimize path between two point when using motorbike.
4. Find optimize path between four points when using bus.
5. Find optimize path between four points when using motorbike.
6. Send data change from mobile to wear.

Wear Component

1. Receiving data from mobile.
2. Notify when user nearly leave bus.
3. Notify route when going by motorbike
4. Show current location map.

Bus Driver Component

1. **Role and Responsibility**

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| --- | --- | --- | --- | --- |
| No | Full Name | Role | Position | Contact |
| 1 | Kiều Trọng Khánh | Project Manager | Supervisor | [khanhkt@fpt.edu.vn](mailto:khanhkt@fpt.edu.vn) |
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**Table 2: Roles and Responsibilities**