# Sprint 2: Project

## Requirements Analysis

<<Here, show your decomposed requirements. Make sure you indicate which atomic blocks belong to which requirement. A simple way to do it is to organize it as a bulleted list, for example:

**FR-1:**

- Check the input fields are labeled in the interface
    - "From" input field in the interface.
    - "To" input field in the interface.
- Check the mode options are labeled in the interface
    - "Optimal" mode in interface
    - "Fastest" mode in interface
    - "Custom" mode in interface
- Check the icons in interface
    - Icon for going on foot
    - Icon for user's car
    - Icon for car sharing
    - Icon for taxi
    - Icon for scooter
    - Icon for bicycle

**FR-2:**
- Check for valid input in departure field
    - Spaces should be allowed in the beginning of the address
    - Spaces should be allowed in the end of the address
- Check for valid input in destination field
    - Spaces should be allowed in the beginning of the address
    - Spaces should be allowed in the end of the address
- Check that spaces are deleted when departure field not in focus
    - Spaces in the beginning of address should be deleted
    - Spaces in the end of the address should be deleted
- Check that spaces are deleted when destination field is not in focus
    - Spaces in the beginning of address should be deleted
    - Spaces in the end of the address should be deleted

**FR-3:**

- Check the initial state of input fields
    - "From" field should be empty

- - ○ "To" field should be empty
  - Check that the mode options are not selected
    - ○ "Optimal" mode should not be selected
    - ○ "Fastest" mode should not be selected
    - ○ "Custom" mode should not be selected
  - Check that the transport panel is inactive

**FR-4:**

- Check address field validity in "From" field
  - ○ Allow numbers
  - ○ Allow spaces
  - ○ Allow dashes
  - ○ Allow periods
  - ○ Allow commas
  - ○ Allow Latin characters
  - ○ Allow maximum length of 50 characters
- Check address field validity in "To" field
  - ○ Allow numbers
  - ○ Allow spaces
  - ○ Allow dashes
  - ○ Allow periods
  - ○ Allow commas
  - ○ Allow Latin characters
  - ○ Allow maximum length of 50 characters
- Check that spaces are deleted when the "From" field not in focus
  - ○ Spaces in the beginning of address should be deleted/trimmed
  - ○ Spaces in the end of the address should be deleted/trimmed
- Check that spaces are deleted when the "To" field is not in focus
  - ○ Spaces in the beginning of address should be deleted/trimmed
  - ○ Spaces in the end of the address should be deleted/trimmed
- Check for error message when user enters invalid data
  - ○ User enters invalid data in "From" field
  - ○ User enters invalid data in "To" field

# Test Planning

Use the test plan to fill in the following sections:

| Information | Description of software being tested | Person/people responsible for communicating strategic changes to the team | Digital infrastructure used in testing | Application's features and functionalities | Measures that should be taken to avoid delays |
|---|---|---|---|---|---|
| The section it can be found in | *1.2 Application summary* | 4.2 Test Lead | 5.0 Software and Hardware Resources | 2.1.1 Manual Functional UI Testing | 6.0 Risk and Mitigation |

Project 2: Version 2.0