Sprint 2: Project

## Requirements Analysis

**FR-1:**

* Check the input fields existence in the interface
  + there is an input field labeled “From”
  + there is an input field labeled “To”
* Check the mode options existence in the interface
  + there are three mode options (like three radio buttons)
  + there is mode option labeled “Optimal”
  + there is mode option labeled “Fastest”
  + there is mode option labeled “Custom”
* Check the icons existence for going on foot and other types of transport in the interface
  + there are six types of transport (like six radio buttons)
  + there is an icon for going on foot
  + there is an icon for the user’s car
  + there is an icon for car-sharing
  + there is an icon for taxi
  + there is an icon for scooter
  + there is an icon for bicycle

**FR-2:**

* Check spaces are allowed at the beginning of the user addresses
  + spaces are allowed at the beginning of the address after the user fills in the “From” field
  + spaces are allowed at the beginning of the address after the user fills in the “To” field
* Check spaces are allowed at the end of the user addresses
  + spaces are allowed at the end of the address after the user fills in the “From” field
  + spaces are allowed at the end of the address after the user fills in the “To” field
* Check there is no space at the beginning and at the end of the user address in the fields “From” and “To” when they are not in focus
  + no space at the beginning of the user address in the field “From” when the field “From” is not in focus
  + no space at the end of the user address in the field “From” when the field “From” is not in focus
  + no space at the beginning of the user address in the field “To” when the field “To” is not in focus
  + no space at the end of the user address in the field “To” when the field “To” is not in focus

**FR-3:**

* Check the initial state of the interface
  + the input field “From” is empty
  + the input field “To” is empty
  + the mode “Optimal” isn’t selected
  + the mode “Fastest” isn’t selected
  + the mode “Custom” isn’t selected
  + the transport panel isn’t active

**FR-4:**

* Check the input fields are correctly filled out (it’ll be referred to as task1)
  + Check the input field “From” is correctly filled out
    - numbers, spaces, dashes, periods, commas, and Latin characters are allowed only
    - the maximum length is 50 characters
  + Check the input field “To” is correctly filled out
    - numbers, spaces, dashes, periods, commas, and Latin characters are allowed only
    - the maximum length is 50 characters
* Check trimming the leading and the trailing spaces in filled fields “From” and “To” when the fields are unfocused (it’ll be referred to as task2)
  + no leading and trailing space in filled field “From” when the field is unfocused
  + no leading and trailing space in filled field “To” when the field is unfocused
* Check the error message appearing (it’ll be referred to as task3)
  + the error message appears when the field “From” isn’t correctly filled out
  + the error message appears when the field “To” isn’t correctly filled out

## 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. SOFTWARE AND HARDWARE RESOURCES | 2.1.1 Manual Functional UI Testing | 6. RISK & MITIGATION |