

# Project: Atomic Blocks

## Requirements Analysis

### FR-1:

- Check the input fields are labeled in the interface
  - "From" input field in the interface.
  - "To" input field in the interface.
- Model selectors in the interface
  - "Optimal" mode option in the interface
  - "Fastest" mode option in the interface
  - "Custom" mode option in the interface
- Transportation selectors
  - Icon for "walking" in the interface
  - Icon for the user's car in the interface
  - Icon for car-sharing in the interface
  - Icon for a taxi in the interface
  - Icon for a bicycle in the interface
  - Icon for a scooter in the interface

### FR-2:

- Check the input fields are labeled in the interface
  - "From" input field in the interface
  - "To" input field in the interface
- Check if input field allow spaces in the beginning
  - "From" field allows spaces in the beginning of address field
  - "To" field allows spaces in the beginning of address field
- Check if input field allow spaces at the end
  - "From" field allows spaces at the end of address field
  - "To" field allows spaces at the end of address field
- Check if system deletes text from address field
  - "From" field deletes text when not in focus
  - "To" field deletes text when not in focus

### FR-3

- Check if input fields are empty in the interface
  - "From" field initial state shall be empty
  - "To" field initial state shall be empty
- Check if none of three mode selectors are selected in the interface
  - First mode selector is not selected
  - Second mode selector is not selected
  - Third mode selector is not selected
- Transport panel shall be inactive

## FR-4

- Check for specific characters in both address field
  - "From" field allows only numbers
  - "To" field allows only number
  - "From" field allows only spaces
  - "To" field allows only spaces
  - "From" field allows only commas
  - "To" field allows only commas
  - "From" field allows only periods
  - "To" field allows only periods
  - "From" field allows only latin characters
  - "To" field allows only latin characters
  - "From" field allow only dashes
  - "To" field allows only dashes
- Check the maximum length in the address fields
  - "From" field only allows a maximum length of 50 characters
  - "To" field only allows a maximum length of 50 characters
- Check if input field spaces will be trimmed in the beginning when not in focus
  - "From" beginning space will be trimmed when not in focus
  - "To" beginning space will be trimmed when not in focus
- Check if input field spaces will be trimmed at the end when not in focus
  - "From" end space will be trimmed when not in focus
  - "To" end space will be trimmed when not in focus
- Check if field data is invalid
  - "From" field error message is displayed when the user enters invalid data
  - "To" field error message is displayed when the user enters invalid data

## Test Planning

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 <i>Application summary</i>	4.1 Project Management	5. Software and Hardware Resources	2.1.1 Manual Functional UI Testing	6. Risks and Mitigation