

Specification of System Requirements

Functional Requirements:

- The application shall show the whole map of Macedonia
- The application shall have a search tool by municipality, city, restaurant and hotel name
- The application shall have the option of showing multiple routes
- The application shall show the distance of the chosen location
- The application shall offer the option of finding hotel
- The application shall offer the option of finding restaurant
- The application shall offer the option of finding supermarket
- The application shall offer the option of finding gas station
- The application shall offer rating for the hotels, restaurants, supermarkets, gas stations

NonFunctional Requirements:

- The application can use the location of the user if and only if the user allows it
- The application shall have authentication
- The application shall support at most 10000 active users in any moment
- The application shall use sha256 encryption for passwords of users
- The response time of the application must not be more than 1.5 seconds