Purpose: To develop an application to improve road transportation and

         reduce congestion.

Stakeholders: End-users, Municipal Corporation,

Transportation Service Providers

Requirements/User Stories:

1. As a traveller I need to:

    a. Know the best recommended route possible to arive at my destination.

    b. Know the alternative route in case of traffic.

2. As a transportation authority I need to:

    a.Know the present condition of sidewalks, roads and routes.

    b.Know the quantity of parking spots around a specified area.

3. As a driver I need to :

    a. Know the locations of parking spots.

4. As a commuter I need to:

    a.Know the transport options available related to my location.

    b.Know the locations of stations, and waiting stops.

5. As a municipal corporator I need to:

    a.Know whether there are any road or sidewalk closures,route     adjustments.

Organized Requirements:

1. To Recommend Best Possible Route

2. To Display Various Available Transport Options

3. To Locate Vacant Parking Spots

4. To Monitor Road Quality

4. To Allow Users To Provide FeedBack Regarding Roads Quality.

Acceptance Criteria:

1. To Recommend Best Possible Route

The solution is to provide Real-time traffic information in order to deliver the quickest, most effective path under the circumstances.

2. To Display Various Available Transport Options

The app should include the tab where users can see available transport services.

3. To Locate Vacant Parking Spots

The solution is to display data on current availability for parking lots, garages, and, on-street parking.

4. To Monitor Road Quality

The solution is to provide real-time data on traffic flow and congestion together with capabilities for data analysis and problem-area identification.

5. To Allow Users To Provide FeedBack Regarding Roads Quality.

The solution is to allow users to provide feedback in the message window which will help corporators in monitoring the quality.