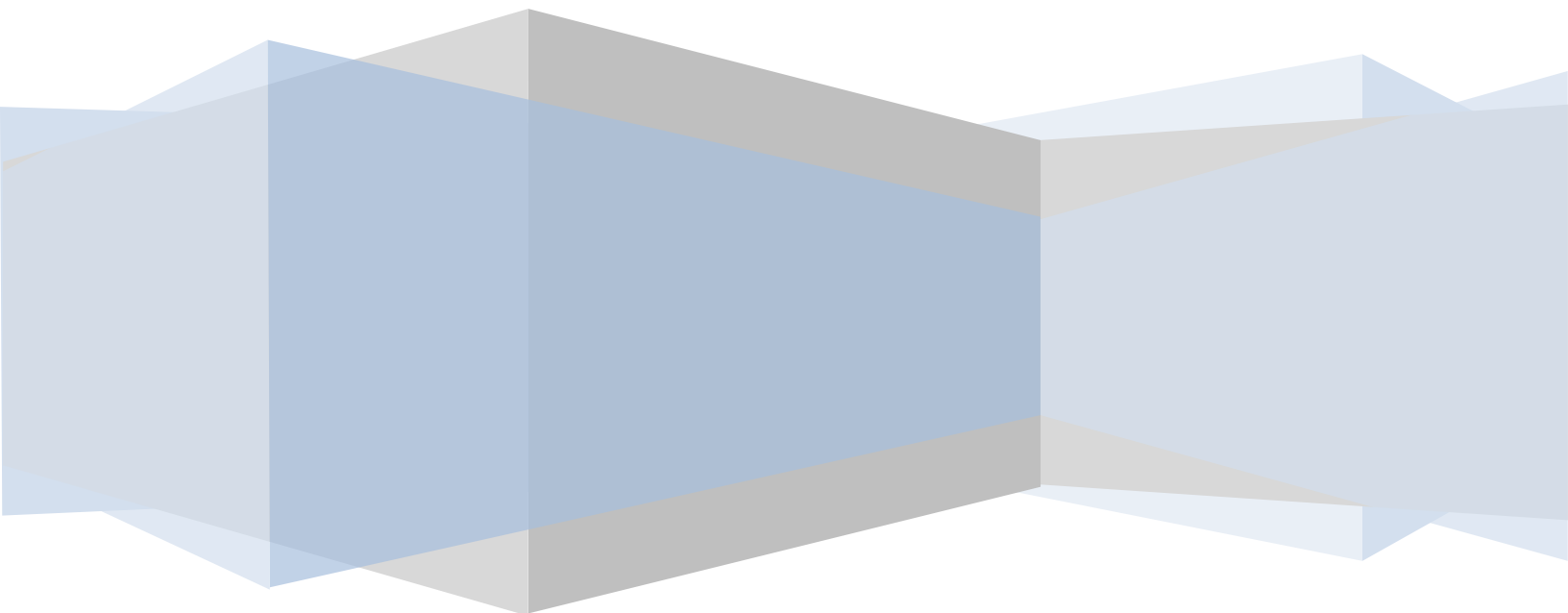


Route Finder

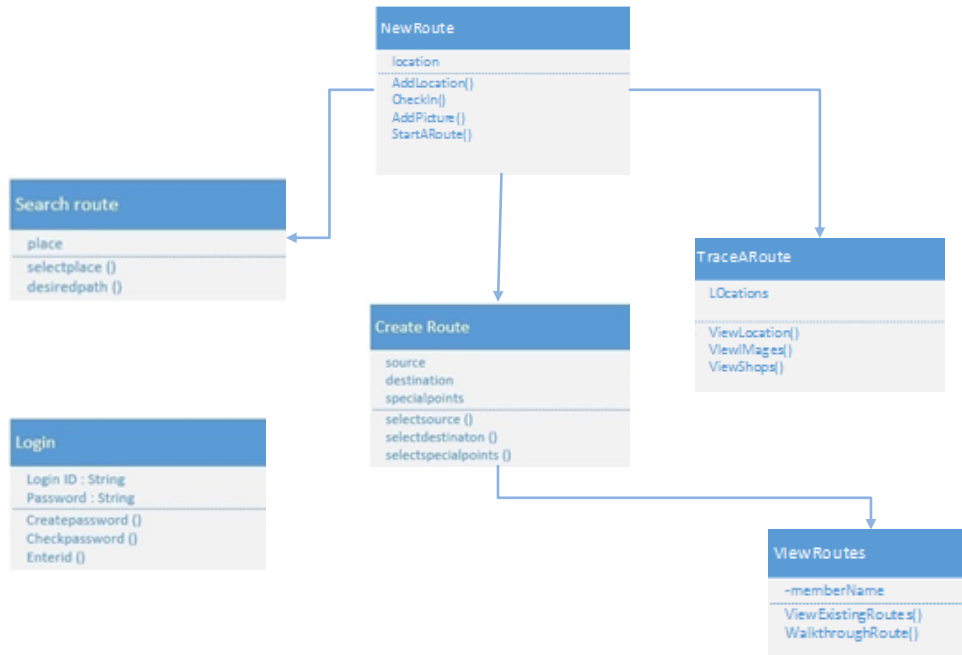
Midterm Exam

Mounica Reddy Poondla(16143089)

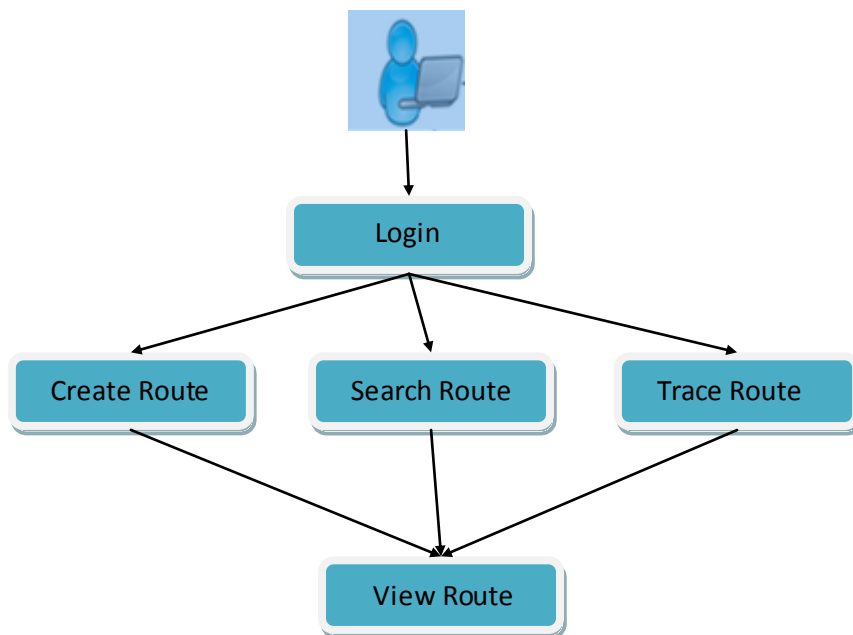


1. DESIGN

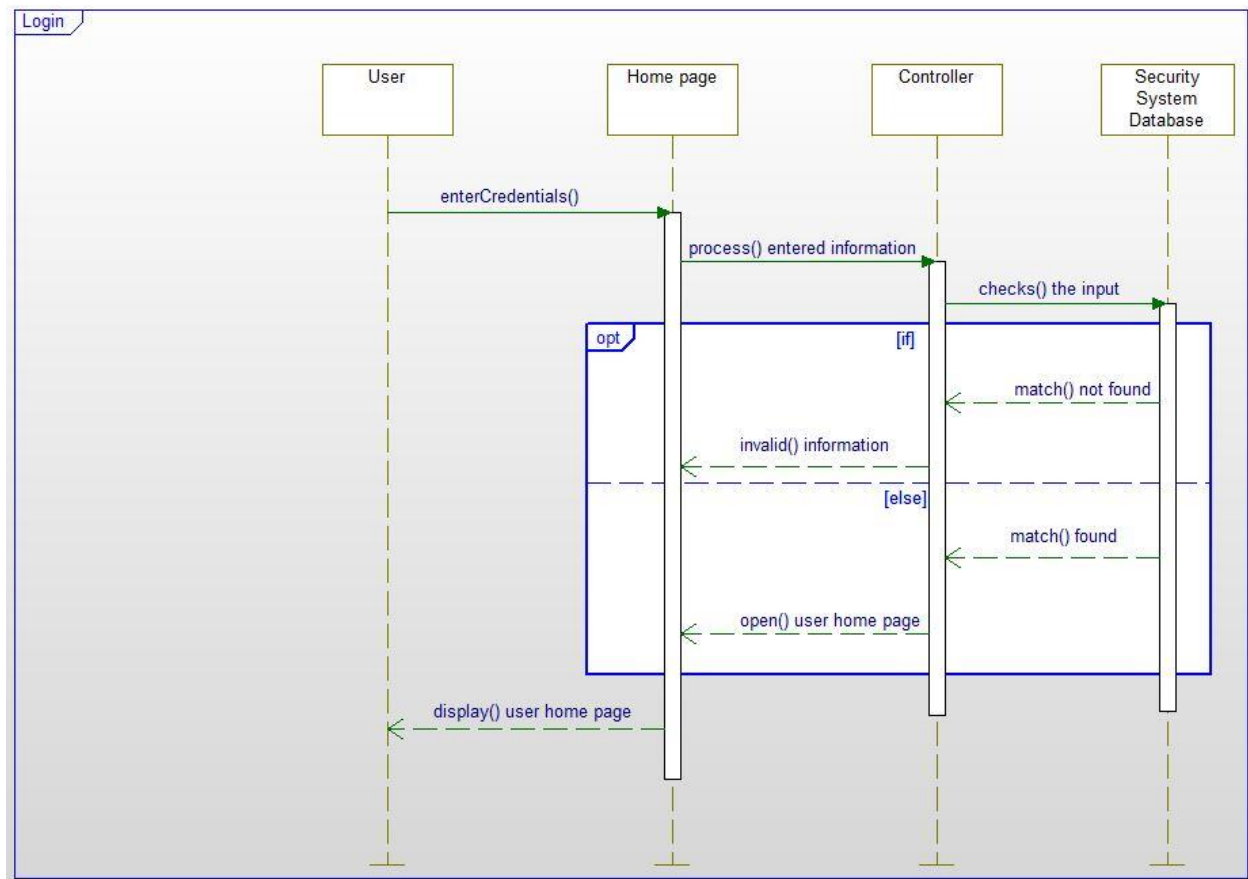
Class Diagram:



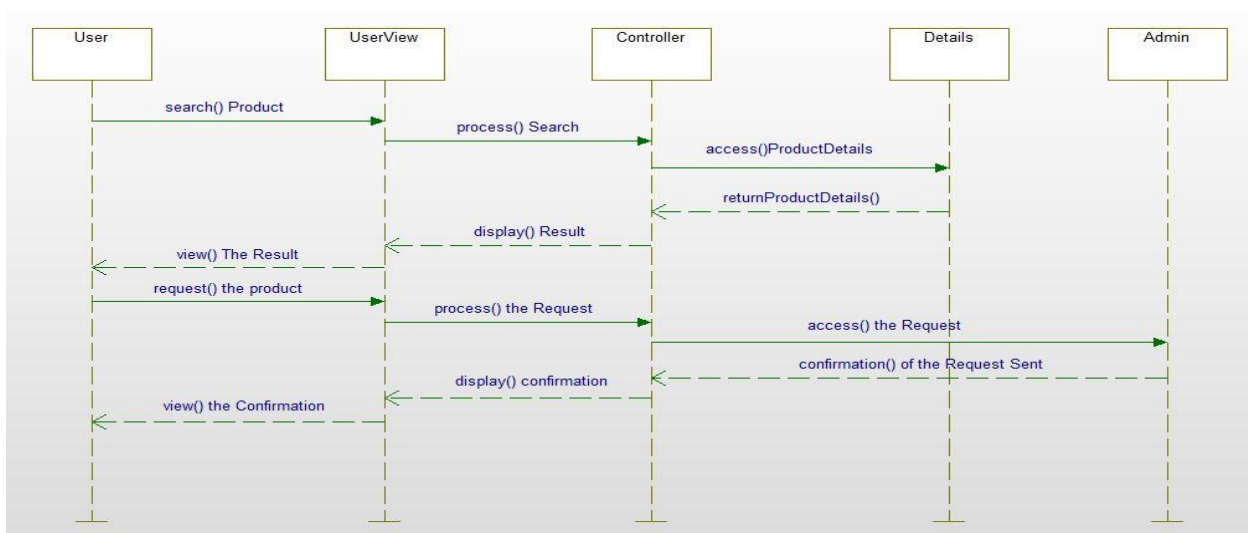
Architecture diagram:



LOGIN SEQUENCE DIAGRAM



User view sequence diagram



2. Features:

webservices:

Used Googlemaps search API

Used Foursquare search API

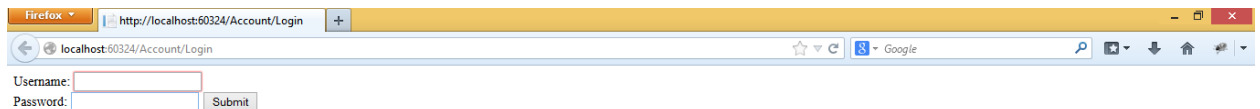
Created my own soap service for this application.

Database:

Created my own database in SQL server for storing the routes.

3.Screenshots:

- User has to login into the application to make use of the services provided by this app. The credentials of the user are verified with the database. If they are correct, user login and home page will appear.



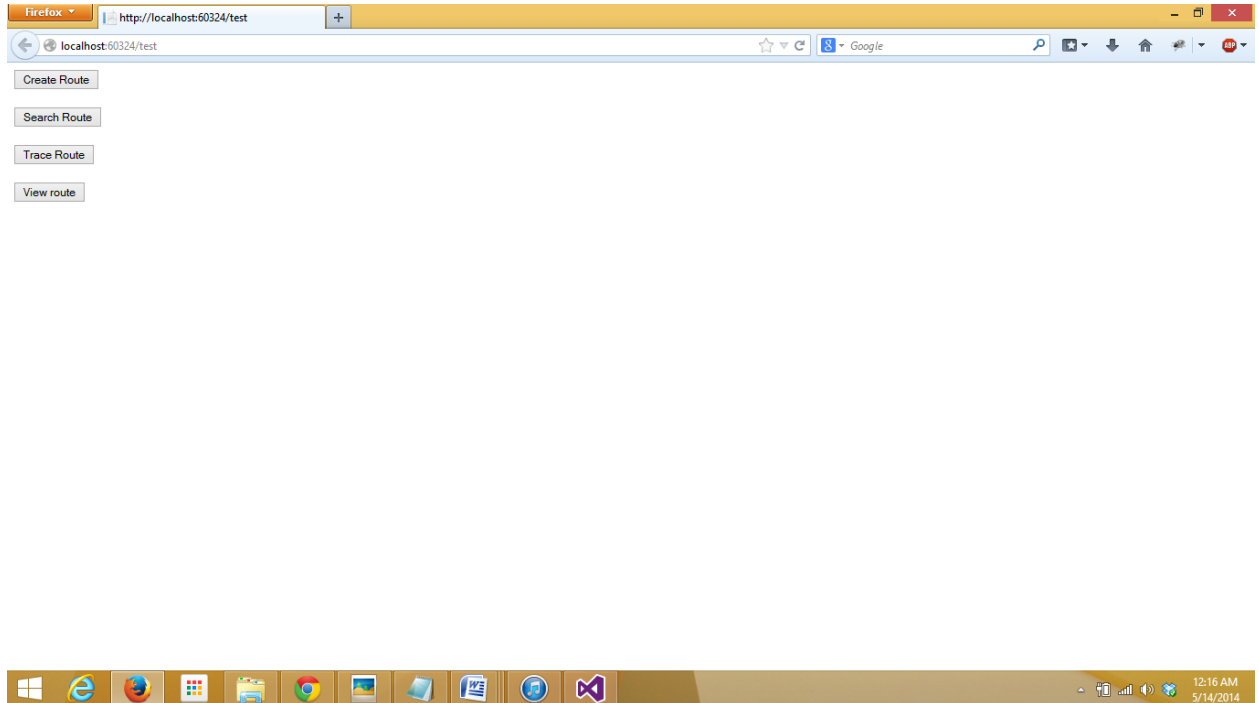
- User login page provides us with the following four options.

1. Create Route

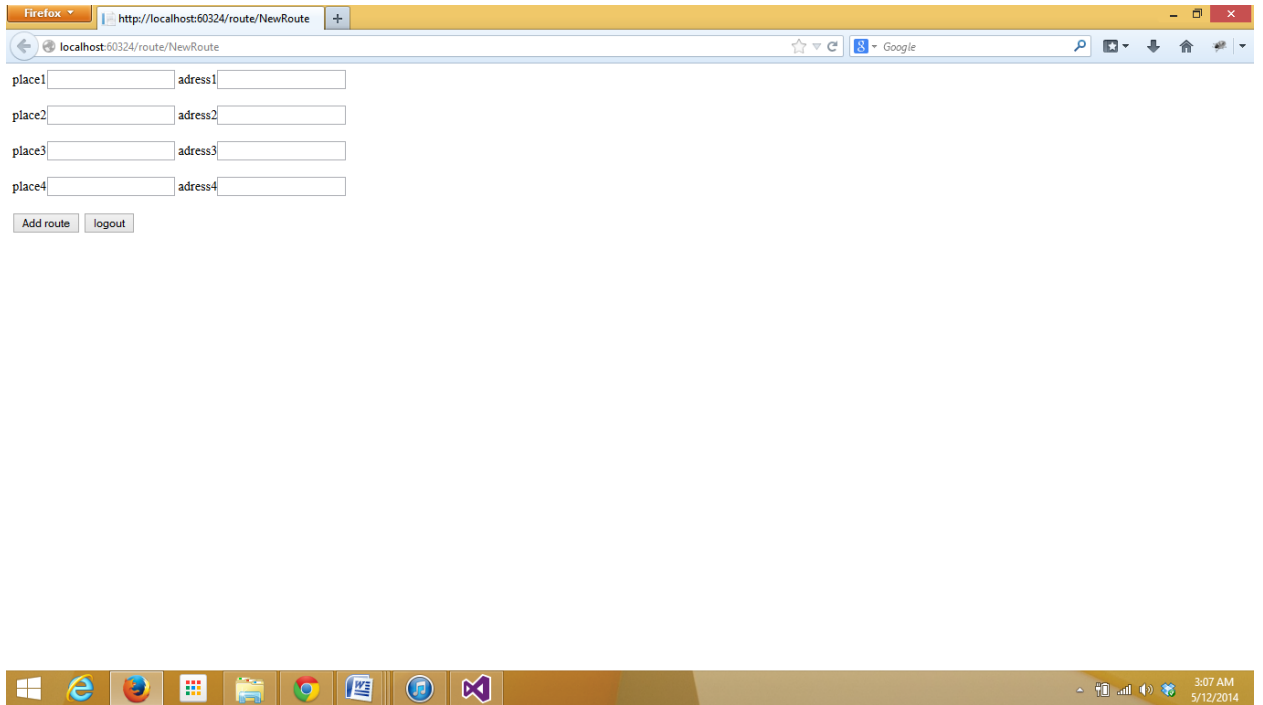
2. Search Route

3. Trace Route

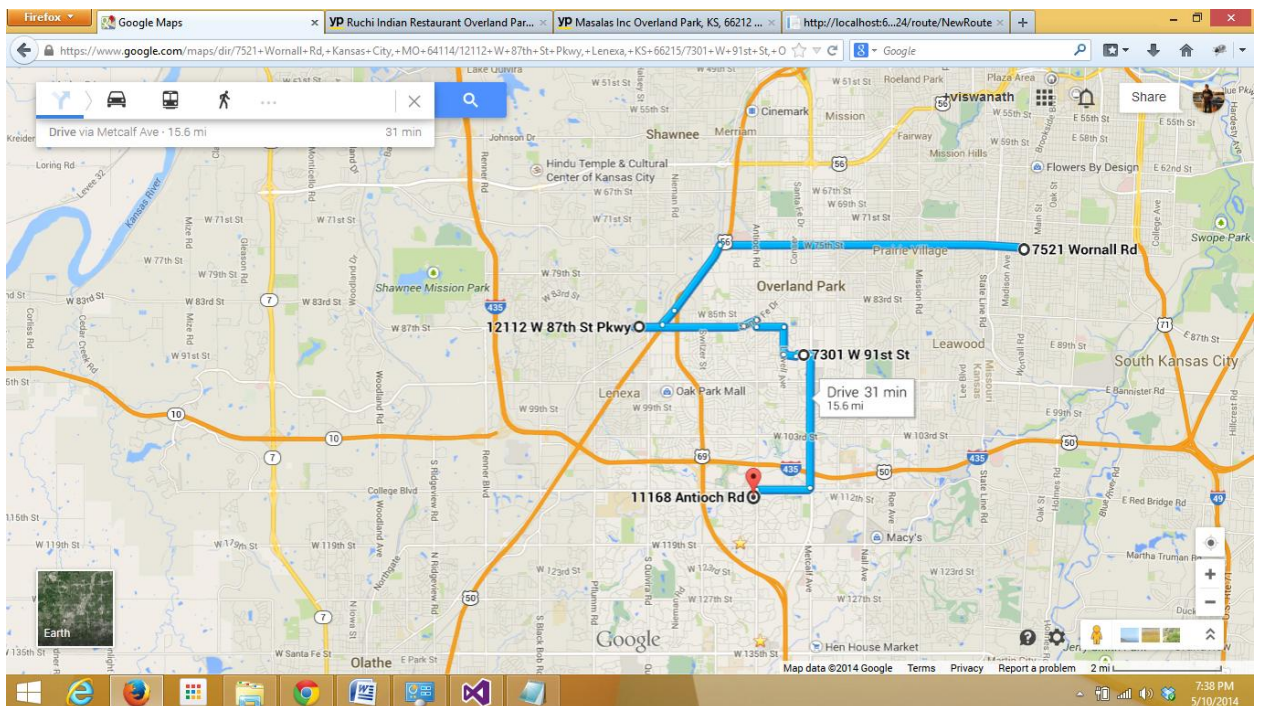
4. View Route



- If user choose create Route option, user needs to provide with the source and destination. It gives us several options. Once we select one of the options, it will create a route between source and destination places.
- We can add this route to our routes database for future reference.
- And we can search this route when ever we want using the search route option



- And we can view the map using the "view Route" Option.



4.Functionalities:

- Login
- Logout
- Add route
- Search route
- Trace route
- View route

5.Tools used:

- C#
- CSS
- HTML
- SQL server
- MS Visio

7.Github link:

<https://github.com/mounica1704/Midterm>

9.References:

<https://developer.foursquare.com/start/search>

<https://developer.google.com/maps/>