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**Application documentation**

# Direction and .NET Mapping Interface (Group 3)

**This project is about building a .NET interface to access directions and mapping information for use in SharePoint and WPF application**

### System requirements:

SharePoint

WPF application

**Building the project:**

We use C# and MapQuest to do the interface and also provide the user with the information needed by using the MapQuest API.

**A concrete example:**

1. User enters one address:
   1. Click on direction & displaying that particular direction on the map with the pinpoints.
2. User enters two addresses:
   1. We show a list of steps by steps direction that the user should follow to get from their current location to their final destination.
   2. We also show and highlight the route in the map using the MapQuest Api.
3. User enters multiple addresses:
   1. The user will be provide with the route for all of these addresses
   2. We also provide information base on the next destination
      1. For example: from point A to B to C
4. User can also delete one or more of the multiples addresses that has been entered:
   1. After the user decided that they no longer need such a previous addresses they can delete such address/addresses and refresh the application by clicking the get directions button for their new directions
   2. Following their new request, user will be provided with the current directions for the new locations.
5. Settings:

User of this application is provided with the ability of choosing some different format.

* 1. Round trip
  2. Avoid high ways
  3. Get shortest time or shortest distance
  4. Avoid Toll roads
  5. Zoom
  6. Map Highlighting

This is the end of the project. Everything on this documentation is the things we got working. There might be still plenty of other things to do to improve this application but all of those are beyond our project scope.