# SnelTransport

## Design Details:

* WCF RESTfull Service is used.
* Entity framework is used to make communication with Database.
* Postgres SQL is used.
* Database is generated using code first approach.
* Separate Frontend is used to make frontend common for both JAVA and C# code. (Though ASP.NET Web API would be better to use)

## Things Done:

1. Get customer
2. Update Customer
3. Delete Customer
4. Insert Customer
5. Storing Google Distance Matrix API result
6. Getting Google distance matrix API result from Database
7. Finding Optimal Route using Dijkstra's Algorithm
8. Getting optimal Route to front end
9. Backend is hosted in IIS server for access the RESTfull service from another PC.
10. For Cross Origin URL reference Global.asax.cs file is added.

## Next Code Review will contains:

* Unit Test
* Finding optimal route for three more or more trucks.
* Options to edit delivery address for final delivery
* Refactoring the code based on the first code review comment. (Possibly)