API Documentation

1.Create Customer

* Parameters => fname ,lname ,email ,password, location,location\_longitude,location\_latitude,auth\_token
* Method =>Post
* Url => <http://localhost/customerAPI/create.php>

2. Update Customer

* Parameters => id,fname ,lname ,email ,password, location,location\_longitude,location\_latitude,auth\_token
* Method =>Post
* Url => <http://localhost/customerAPI/update.php>

3.Delete Customer

* Parameters => id,auth\_token
* Method =>Post
* Url => <http://localhost/customerAPI/delete.php>

4.Index Page

* Parameters => auth\_token
* Method =>Get
* Url => <http://localhost/customerAPI/index.php>

5.Location sort page

* Parameters => auth\_token,longitude,latitude
* Method =>Post
* Url => <http://localhost/customerAPI/location_sort.php>

Working flow of the project

1. Created a database name customer. Then created a db\_config file to connect with the database. I have also implemented the laravel eloquent in this project. For this I have install the composer in the project then use the eloquent model for accessing the database.

2. I have created a customer controller class .In that class I have created the function which I have used for another php file. For the CRUD of the customers I simply use the eloquent of laravel.For the authentication I have created a default auth token for restricting the user not to allow to access the route for the CRUD operation of customer. The default auth token is “10010001”.

3. For the location list of customer with the given longitude and latitude. I have created a function called location in the main controller.ie.customerController for calculating the distance of the user return all customer data sorted in reference to the latitude and longitude .I calculated the distance from the given longitude and latitude and sorted according to the distance for each value in the database.