Yumist Assignment 1

API\_Yumist\_v1.0

Problem –

Create a RESTful API (using proper REST verbs GET, PUT, POST, DELETE) for managing Orders and Users pertaining to an Online Food Catering Service.

Functionality of API –

1. Order Related – ability to place an order, fetch details related to an existing order, update details for an existing order and delete a particular order.
2. User Related - fetch details for a particular user, create a new user, update user details and delete an existing user.

Language and Tools –

1. Core PHP and MySQL.
2. Tools – PHPStorm and phpmyadmin.
3. Postman (Chrome Extension) for testing of API.

URL for API –

1. Ability to place an order - <http://localhost/yumist/place_order/>

Request Type – POST

Parameters for POST – order\_name, user\_id and meal\_id.

Use Postman Chrome Extension for Testing.

1. Fetch details related to an existing order - <http://localhost/yumist/view_order/>

Request Type – GET

Parameter for GET – id.

Example - <http://localhost/yumist/view_order/?id=c2ad2049-2c8a-11e5-9799-002637bd3942>

Use Postman Chrome Extension for Testing.

1. Update details for an existing order - <http://localhost/yumist/update_order/>

Request Type – PUT

Parameters for PUT – id, order\_name and meal\_id

Use Postman Chrome Extension for testing with RAW type of parameters.

Ex: id= c2ad2049-2c8a-11e5-9799-002637bd3942&order\_name=Dinner%20Meal&meal\_id= f2ad2049-2c8a-11e5-9799-002637bd394

1. Delete a particular order - <http://localhost/yumist/delete_order/>

Request Type – DELETE

Parameter for DELETE – id

Example - <http://localhost/yumist/delete_order/?id=c2ad2049-2c8a-11e5-9799-002637bd3942>

Use Postman Chrome Extension for Testing.

1. Fetch details for a particular user - <http://localhost/yumist/get_user_details/>

Request Type – GET

Parameter for GET – id

Example - <http://localhost/yumist/get_user_details/?id=0f313a76-2c6e-11e5-9799-002637bd3942>

Used Postman Chrome Extension for Testing.

1. Create a new user - <http://localhost/yumist/create_user/>

Request Type – POST

Parameters for POST – user\_name, user\_phone\_no, address\_line\_1, address\_line\_2, locality, city, state and pincode.

Used Postman Chrome Extension for testing.

1. Update user details - <http://localhost/yumist/update_user/>

Request Type – PUT

Parameters for PUT – id, user\_name and user\_phone\_no

Use Postman Chrome Extension for testing with RAW type of parameters.

Ex: id= c2ad2049-2c8a-11e5-9799-002637bd3942&user\_name=Shubham%20Gupta&user\_phone\_no=8527326325

1. Delete an existing user - <http://localhost/yumist/delete_user/>

Request Type – DELETE

Parameter for DELETE – id

Ex: <http://localhost/yumist/delete_user/?id=0704b578-2c6a-11e5-9799-002637bd3942>

Used Postman Chrome Extension for testing.

Database Scheme –

Tables –

User – id(varchar) PRIMARY, name(varchar), address\_id(varchar) FOREIGN, phone\_no(varchar), created\_timestamp(varchar) and last\_updated\_timestamp (varchar).

Orders – id(varchar) PRIMARY, name(varchar), meal\_id(varchar) FOREIGN, user\_id(varchar) FOREIGN, order\_status(varchar), created\_timestamp(varchar) and last\_updated\_timestamp(varchar).

Address – id(varchar) PRIMARY, address\_line\_1(varchar), address\_line\_2(varchar), locality(varchar), city(varchar), state(varchar) and pincode(varchar).

Meal – id(varchar) PRIMARY, name(varchar), description(text), price(varchar), stock\_status(int), created\_timestamp(varchar) and last\_updated\_timestamp(varchar).