1. Test WS to show greetings message

<http://localhost:8080/restaurantreserve/searchrestaurant/welcome>

1. Get all restaurant list inside database

<http://localhost:8080/restaurantreserve/searchrestaurant/searchall>

Get parameters:

|  |  |  |
| --- | --- | --- |
| **Column name** | **Data type** | **description** |
| R\_id | INT | Auto-generated INT which is a primary key and unique per each row |
| R\_name | String(varchar) | Name of the restaurant which is primary key but not unique |
| R\_address | String(varchar) | Street address of the restaurant in string |
| R\_phone\_number | String(varchar) | Phone number in string |

1. Get list restaurant per Query parameters

<http://localhost:8080/restaurantreserve/searchrestaurant/searchnow?typeofres=&nameofres=&areaofloc=gulshan>

Query parameter

|  |  |  |
| --- | --- | --- |
| **Query name** | **Data type** | **Description** |
| typeofres | String | Type of restaurant i.e fastfood or fish etc |
| nameofres | String | Name of the restaurant i.e kfc, mehboob fish corner etc |
| areaofloc | String | Area address of restaurant i.e gulshan 14, pechs, sadder |

Get parameters:

|  |  |  |
| --- | --- | --- |
| **Column name** | **Data type** | **Description** |
| R\_id | INT | Auto-generated INT which is a primary key and unique per each row |
| R\_name | String(varchar) | Name of the restaurant which is primary key but not unique |
| R\_address | String(varchar) | Street address of the restaurant in string |
| R\_phone\_number | String(varchar) | Phone number in string |

Note: At least any single parameter must be passed in the web service. The result will be as per the query parameter passed through.

1. Get single restaurant details

<http://localhost:8080/restaurantreserve/getrestaurantdetail/get?resid=1>

|  |  |  |
| --- | --- | --- |
| **Query name** | **Data type** | **Description** |
| resid | INT | Id of restaurant which you received from the restaurant search i.e 1 |

Get parameters:

|  |  |  |
| --- | --- | --- |
| **Column name** | **Data type** | **Description** |
| R\_name | String(varchar) | Name of restaurant |
| R\_type\_of\_res | String(varchar) | Type of restaurant i.e. fastfood, fish |
| R\_days\_open\_per\_week | INT | The number of days open for business |
| R\_rating | INT | Rating of restaurant received from the app after booking |
| R\_menu\_iploaded | binary | True/false whether the menu is uploaded by admin |
| R\_has\_special\_offer | binary | True/false whether restaurant currently has special offer i.e Ramadan offer etc |
| R\_address | String(varchar) | Street address of the restaurant |
| R\_area\_address | String(varchar) | Area location of the restaurant i.e gulsha 14 |
| R\_email | String(varchar) | Email id of the restaurant (optional) |
| R\_facebook\_page\_link | String(varchar) | Facebook page of the restaurant (optional) |
| R\_website | String(varchar) | Website of restaurant (optional) |
| R\_phone\_number | String(varchar) | Primary Contact number of the restaurant |

1. Set booking details of a user

[http://localhost:8080/restaurantreserve/setrestaurantbooking/set?fullname=bilal&phonenumber=03224567890&email=bilal@gmail.com&comment=&date=2017-08-20&time=20:00:00&partysize=10&restaurantid=1&restaurantname=mehmood fastfood](http://localhost:8080/restaurantreserve/setrestaurantbooking/set?fullname=bilal&phonenumber=03224567890&email=bilal@gmail.com&comment=&date=2017-08-20&time=20:00:00&partysize=10&restaurantid=1&restaurantname=mehmood%20fastfood)

|  |  |  |
| --- | --- | --- |
| **Column name** | **Data type** | **Description** |
| U\_full\_name | String(varchar) | Full name of the booking user |
| U\_phone\_number | String(varchar) | Booking user primary phone number |
| U\_email | String(varchar) | Booking user email (optional) |
| U\_comment | tinytext | Booking user comment (optional) |
| B\_date | date | Booking date in ‘YYYY-MM-DD’ |
| B\_time | time | Booking time in ‘HH:MM:SS’ |
| B\_party\_size | INT | Reservation tables of booking i.e. 4 |
| Restaurant\_info\_r\_id1 | INT | Restaurant id which is fetched from restaurant search list (for linking booked restaurant) |
| Restaurant\_info\_r\_name1 | String(varchar) | Restaurant name which is fetched from restaurant search list (for linking booked restaurant) |

Get parameters

|  |  |  |
| --- | --- | --- |
| **Column name** | **Data type** | **Description** |
| B\_no | INT | Booking number as a reference for user |