

## Food Ordering System

### Overview:

Swagger UI - <http://localhost:8083/swagger-ui.html>

This project has 3 types of users:

- Admin
- Customer
- Restaurant

The **Admin** has the following functionalities:

Functionality	HTTP Method	Endpoint
Admin Login	POST	<a href="http://localhost:8083/login/admin">http://localhost:8083/login/admin</a>
Create Customers	POST	<a href="http://localhost:8083/customers">http://localhost:8083/customers</a>
Update Customers	PUT	<a href="http://localhost:8083/customers">http://localhost:8083/customers</a>
View Customers	GET	<a href="http://localhost:8083/customers">http://localhost:8083/customers</a>
View Customer by ID	GET	<a href="http://localhost:8083/customers/{username}">http://localhost:8083/customers/{username}</a>
Delete Customers	DELETE	<a href="http://localhost:8083/customers/{username}">http://localhost:8083/customers/{username}</a>
Create Restaurants	POST	<a href="http://localhost:8083/login/restaurant">http://localhost:8083/login/restaurant</a>
Update Restaurants	PUT	<a href="http://localhost:8083/restaurants">http://localhost:8083/restaurants</a>

View Restaurants	GET	<a href="http://localhost:8083/restaurants">http://localhost:8083/restaurants</a>
View Restaurant by ID	GET	<a href="http://localhost:8083/restaurants/{restaurantId}">http://localhost:8083/restaurants/{restaurantId}</a>
Delete Restaurants	DELETE	<a href="http://localhost:8083/restaurants/{restaurantId}">http://localhost:8083/restaurants/{restaurantId}</a>

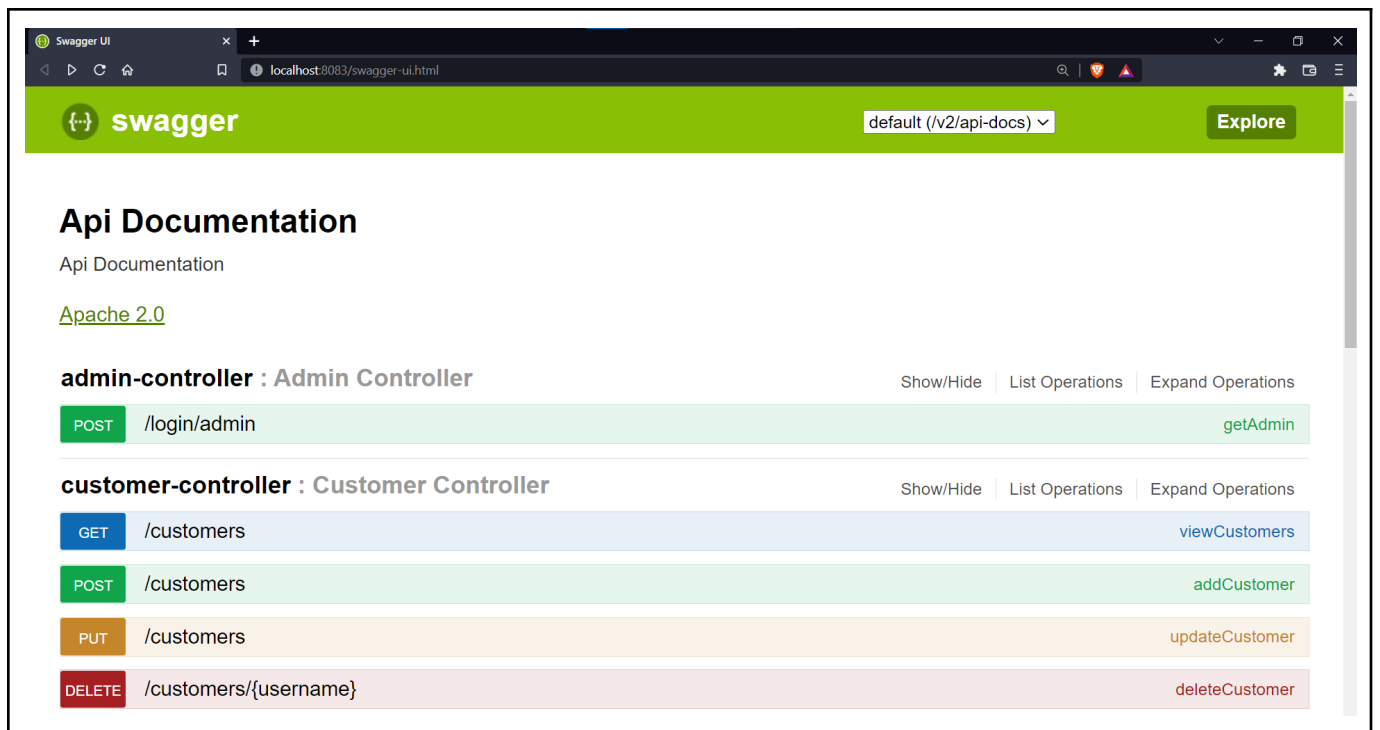
The **Customer** has the following functionalities:

Functionality	HTTP Method	Endpoint
Customer Login	POST	<a href="http://localhost:8083/login/customer">http://localhost:8083/login/customer</a>
View food menu by Restaurant	GET	<a href="http://localhost:8083/restaurants/menu/{restaurantId}">http://localhost:8083/restaurants/menu/{restaurantId}</a>
View Categories	GET	<a href="http://localhost:8083/food/categories">http://localhost:8083/food/categories</a>
View food menu by Category	GET	<a href="http://localhost:8083/food/categories/{category}">http://localhost:8083/food/categories/{category}</a>
Place Order	POST	<a href="http://localhost:8083/restaurants/orders">http://localhost:8083/restaurants/orders</a>
View Orders	GET	<a href="http://localhost:8083/customers/orders/{customerUserName}">http://localhost:8083/customers/orders/{customerUser name}</a>

The **Restaurant** has the following functionalities:

Functionality	HTTP Method	Endpoint
Restaurant Login	POST	<a href="http://localhost:8083/login/restaurant">http://localhost:8083/login/restaurant</a>
Add Food	POST	<a href="http://localhost:8083/restaurants/food">http://localhost:8083/restaurants/food</a>
View food menu	GET	<a href="http://localhost:8083/restaurants/menu/{restaurantId}">http://localhost:8083/restaurants/menu/{restaurantId}</a>
Delete Food	DELETE	<a href="http://localhost:8083/restaurants/food/{foodId}">http://localhost:8083/restaurants/food/{foodId}</a>
View Orders	GET	<a href="http://localhost:8083/restaurants/orders/{restaurantId}">http://localhost:8083/restaurants/orders/{restaurantId}</a>

## Output:



The screenshot displays the Swagger UI interface in a web browser. The browser's address bar shows the URL `localhost:8083/swagger-ui.html`. The Swagger UI header is green with the 'swagger' logo and a dropdown menu set to 'default (/v2/api-docs)'. An 'Explore' button is located in the top right corner.

The main content area is titled 'Api Documentation' and includes a link to 'Apache 2.0'. It lists two controllers:

- admin-controller : Admin Controller** (with 'Show/Hide', 'List Operations', and 'Expand Operations' links)
  - POST** `/login/admin` `getAdmin`
- customer-controller : Customer Controller** (with 'Show/Hide', 'List Operations', and 'Expand Operations' links)
  - GET** `/customers` `viewCustomers`
  - POST** `/customers` `addCustomer`
  - PUT** `/customers` `updateCustomer`
  - DELETE** `/customers/{username}` `deleteCustomer`

GET	/customers/{username}	viewCustomerById
POST	/login/customer	getCustomer
food-controller : Food Controller		Show/Hide   List Operations   Expand Operations
GET	/food/categories	viewCategory
GET	/food/categories/{category}	viewFoodByCategory
POST	/restaurants/food	addFood
DELETE	/restaurants/food/{foodId}	deleteFood
GET	/restaurants/menu/{restaurantId}	viewFoodByRestaurant
order-controller : Order Controller		Show/Hide   List Operations   Expand Operations
GET	/customers/orders/{customerUsername}	viewCustomerOrders
POST	/restaurants/orders	placeOrder
GET	/restaurants/orders/{restaurantId}	viewRestaurantOrders
restaurant-controller : Restaurant Controller		Show/Hide   List Operations   Expand Operations
POST	/login/restaurant	getRestaurant
GET	/restaurants	viewRestaurants
POST	/restaurants	addRestaurant
PUT	/restaurants	updateRestaurant
DELETE	/restaurants/{restaurantId}	deleteRestaurant
GET	/restaurants/{restaurantId}	viewRestaurantById
[ BASE URL: / , API VERSION: 1.0 ]		