**Ecommerce Backend**

**Admin & User Service**

* Developed an admin-user service where admin and user both can login with their credentials along with their roles.
* Implemented JWT authorization, where admin and user can login with their unique token.
* In user service only admin have access to create, update and delete user apis by implementing **preauthorize** annotation.
* Admin can also view its customer by all customers at a time or single customer at a time.

**Product Service**

* Developed another service product where products and their size, prize and design are defined.
* This service connected to Admin & User service with the help of rest template methods.
* With the help of product service only admin can create, update and delete the products in the inventory by implementing **preauthorize** annotation.
* But any user or admin can view the product list at any page.

**Service Discovery**

* Developed this spring eureka service to register above admin - user service and product service.
* Using registered service in another service by its service name.

**API Gateway Service**

* This service is developed to provide a front gateway to my basics services as above mentioned.
* As above mentioned, services use single port of api gateway service by which my microservices get secured.

**Hystrix Dashboard**

* This service is developed to do monitoring my all services that my all microservices working properly or not(fault tolerence).
* If any of service down is up or down, it will show on Hystrix monitor dashboard.

**API Documentation: http://localhost:9090/swagger-ui/index.html#/**