

Project outlook

NUTRITIUM

About the project:

Nutritium is a web-based food delivery application that provides health-based suggestions to the user.

Project requirement:

Unhealthy eating habits have contributed to the obesity epidemic. Even for people at a healthy weight, a poor diet is associated with major health risks that can cause illness and even death. These include heart disease, hypertension, high blood pressure, type 2 diabetes, osteoporosis, and certain types of cancer. By making smart food choices using our food delivery application, users can help protect themselves from various health problems.

Client environment:

The application uses Eureka Server, Zuul and Feign Clients that consumes microservices enabled by Spring Boot with MySQL as database.

Non-Functional requirements:

The following are set as expectations.

1. The system should be 24 x 7 but can have planned outages.
2. The system should be capable of handling multiple requests simultaneously without interruption.

Expectation:

1. Come up with a detailed UML diagram (Component, Sequence, Class) and its sub-components.
2. Develop a solution as per the UML specifics Eclipse IDE.
3. Deploy the solution on AWS.