

Group: Blazin_Seven – group 11

Project: Food Ordering System (F.O.S)

Project Description

FOS is a project where users will be able to search for, and order food from participating restaurants. The food can be sorted by different metrics depending on what the user values. For example, users can sort food by “stars” (1 through 5), expected queue time as well as price. Indicating to users the expected wait time for a particular food selection is a feature we will add time permitting. The system will also include details such as “food of the day” as well as other specials. Finally, the system will be able to place orders with the applicable restaurants.

Work Unit Decomposition

1.

User Registration

Work Unit Goal: This component will allow users to create an account, which entails adding a username and password to our database.

Users: Anyone who wishes to use the app

Use Case:

Acquiring user information and storing it in our database..

2.

Designing A Food Rating And Viewing Table(s)

Work Unit Goal: This component will feature a viewable page where users can view and sort orderable food by their desired metrics.

Users: Those who wish to view different food options.

Use Case:

Sorting by different values.

Displaying information about orderable food.

3.

Implementing A Search Function

Work Unit Goal: Give the user the ability to search for a specific type of food and return different options

Users: Those who wish to see different options for the same dish.

Use Case:

Keyword search for specific types of food

4.

Design A Landing Page.

Work Unit Goal: Design the UI for initial page users will be greeted with when they open the project.

Users: Anyone who opens the project.

Use Case:

- Make an order
- Browse possible dinner options
- Showcase daily specials

5.

Design An Order Page

Work Unit Goal: The goal of this task is create the UI as well as the backend in the project where users create orders.

Users: Those wishing to place an order

Use Case:

- Inform the applicable restaurant of an incoming order
- Confirm the user's information (address etc.)

6.

Populating Our Databases And Linking Them To Our Project

Work Unit Goal: The goal of this is to create a connection between our SQL database and the main project file.

Users: None, this will be backend.

Use Case:

- Ensuring a live connection between the SQL and Our project.

- Keeping information up to date in the project.