**Introduction:**

What is your application?

Our application is a restaurant dish review application that allows users to review single dishes at restaurants in contrast to reviewing the restaurant as a whole.

Why do you want to choose this application, instead of others, as the course project (motivation)?

We chose this application instead of others because we love food. Also, we recognized the existence of apps like “Yelp” or “Zomato” which provide rankings for the restaurant as a whole. The importance of an individual dish or food item is lost with these rankings. For example, a wings restaurant may also have good burgers. Differentiating between the individual items is a factor that is overlooked.

What are the key components in your project?

The key components in this project are being able to review dishes from various restaurants with a star rating out of 5 as well as a text description of why the user decided to give that rating.

**Database details:**

How do you design the database?

What is your E-R model and relational model?

Diagram

Description automatically generated

Table

Description automatically generated

What are the tables you include in the database?

How do you design your database to accommodate functional dependencies?

Are your tables in BCNF or 3NF? How about other constraints?

**Functionality details:**

What are the basic functions and advanced functions in your database and how do you implement them?

**Implementation details:**

What languages and platform you've chosen to do the implementation?

How do you implement the front-end Web interface and the application logic?

How does the front-end Web interface interact with the backend database?

Students are encouraged to upload their code to some online repositories, such as  
Dropbox, Github, Bitbucket, and provide the link in the report.

**Experiences:**

What have you learnt from this project?

How have you solved hard problems in this project?

How to extend your project to more advanced, mature systems in the future?  
  
**References:**

Any resource you have turned to for help during the implementation of your project.