

# **ILDISH**

## **Summary**

Our project aims to enhance the experience of selecting a restaurant when arriving in a new place. Instead of showing ratings on restaurants, we will provide detailed information on dishes. Users will be able to write and update reviews to a dish so that others can have a better understanding of a restaurant.

## **Description**

When we use the rating applications, we can only see the rates of restaurants and the general review of the whole restaurant. Even though there are photos and customer reviews of the dishes offered by the restaurants, it is hard for users to find whether the cuisine is good or not in the restaurant. The user has to read through the reviews and match the review with photos to determine the quality of the dish by themselves. So, we want to develop a new application that can display the ingredients, price, and rate of several selected dishes. Customers can compare the same dish from different restaurants to make a better choice of restaurants.

## **Usefulness**

Our application focuses on the dishes. We can show the customer the ingredients, price, and rate of a specific dish. One of the similar websites to our application is yelp. The feature that yelp uses is giving rates to the restaurant as a whole. Instead of giving rates to a restaurant, we want to give our customers a different way to choose restaurants. By using our application, they can see how well a cuisine is offered by the restaurant. In this case, they can avoid having untasty food at the restaurant. Moreover, if they are looking for some famous local cuisines, they will have a straightforward view of which restaurant they should go to.

## **Functionality**

1. Search restaurants based on Name, Categories, location, dishes, and Avg Price
2. Present menus and descriptions for each restaurant
3. Register and Login
4. For logged users:
  - a. create reviews for a dish.
  - b. Add/delete dishes
  - c. Update previous ratings, and descriptions

## **Realness**

Part of our data is from <https://www.yelp.com/dataset/download>. We will only use the business.json file to create 1000 real restaurants. We will manually create a list of dishes that covers a wide range of cuisines. Based on the categories of each restaurant, we will randomly assign dishes to each restaurant. For users, we will randomly select a few from the yelp dataset. Based on these selected users, we will randomly generate at least a few thousand of reviews of each dish.

## A low fidelity UI mockup

login

search for restaurant

cuisine

price per person

search for restaurant

cuisine

price per person

username

name	categories	location	
Restaurant 1	aisan	1604 Patric Henry Drive, Savoy, IL	details
Restaurant 2	aisan	1604 Patric Henry Drive, Savoy, IL	details

←back

username

Restaurtant 1

name	Ingredients	Price	Rate
dish 1		9.99	5
dish 2		9.99	5
dish 3		9.99	5
dish 4		9.99	5
dish 5		9.99	5

Project work distribution

Name	NetId	Contribution
Kecheng	zhu114	Function No.1, routing

<b>Jinxiong You</b>	<b>you24</b>	<b>Function No.2, db connection</b>
<b>Zehua Guo</b>	<b>zehuag3</b>	<b>Function No.3, controller</b>
<b>Zehong Lan</b>	<b>zehongl4</b>	<b>Function No.4, models</b>