Capstone Project  
  
1) Angular Admin Side

Generating components

Add Dish

Add Restaurant

Generating auth guard for admin

A screen shot of a computer screen

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Auth-guard.ts (Will add more authentication when backend is made)

2) Angular User Side

View Dishes

View Restaurants

3) Database SQL:  
  
CREATE DATABASE foodie;

USE foodie;

CREATE TABLE Restaurants (

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(255) NOT NULL,

location VARCHAR(255) NOT NULL

);

CREATE TABLE Dishes (

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(255) NOT NULL,

price DECIMAL(10, 2) NOT NULL,

restaurant\_id INT,

FOREIGN KEY (restaurant\_id) REFERENCES Restaurants(id) ON DELETE CASCADE

);  
  
Database Test Data  
  
INSERT INTO Restaurants (name, location) VALUES

('Greasy Grove', 'Manchester'),

('Pizza Place', 'Manchester'),

('Sushi Shop’, 'Leeds'),

('Tomato Town', 'Leeds’);  
  
INSERT INTO Dishes (name, price, restaurant\_id) VALUES

('Beef Burger', 2.99, 1),

('Cheeseburger', 3.99, 1),

('Pepperoni Pizza', 9.99, 2),

('Veggie Pizza', 8.99, 2),

(‘California Roll’, 4.99, 3),

('Edamame', 1.99, 3),

('Penne Pasta', 1.99, 4),

('Spaghetti Bolognaise', 3.99,4);

Test Queries

A screenshot of a menu

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A screenshot of a menu

Description automatically generated

A screenshot of a computer

Description automatically generated

4) Spring Boot Java Backend

Initialise spring boot

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