



**UNIVERSITI MALAYSIA TERENGGANU**

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**FACULTY OF COMPUTER SCIENCES AND MATHEMATICS CSM3103 – FRONT-END**

**PROGRAMMING**

**BACHELOR OF COMPUTER SCIENCE (MOBILE COMPUTING) WITH HONOURS INDIVIDUAL**

**PROJECT REPORT**

**SEMESTER II 2023/2024**

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**GIT HUB LINK : <https://github.com/MatReppo/IndividualProject-CSM3103>**

## **Individual Project Proposal: "YippyYap: Eats Streak"**

### **Introduction**

YippyYap: Eats Streak is a proposed mobile application designed to streamline the student dining experience at academic institutions. This user-friendly platform aims to enhance efficiency in locating and selecting food options by collecting information on nearby food trucks and on-campus dining specials. YippyYap puts all your daily dining options in one place, saving you time and helping you find the perfect bite.

### **Problem Statement**

#### **Difficulty in Making Decision:**

Students waste valuable time browsing social media, flyers, and various apps to find lunch or dinner options. YippyYap eliminates the need for endless searching, allowing students to focus on enjoying a delicious meal while spent more time studying.

#### **It is Hard to find Hidden Gems:**

Many delicious and budget-friendly vendors visit campus, but students may not be aware of them due to a lack of centralized information. YippyYap exposes these hidden gems, ensuring students discover exciting culinary experiences readily available on campus.

#### **Missed Deals and Promotion regularly:**

Dining halls and cafes often offer daily specials, but these deals go unnoticed by students due to inadequate or inefficient promotional strategies. YippyYap keeps students informed about all the delicious and budget-conscious options available, allowing them to make the most of their dining experiences.

## **Objectives**

### **One-Stop Platform:**

Provides a curated list of nearby food trucks, including cuisine type, current location, and menus. This allows students to browse a variety of options and make informed choices based on their preferences.

### **Provide Easy Discovery:**

Utilizes location services to display nearby and operational food trucks on the main screen. Students can easily see what's available in their immediate vicinity, eliminating the need for extensive searching.

### **Real-Time Updates:**

Vendors can register and update their location and menus in real-time within the app. Students can access the latest information, ensuring they find accurate details about nearby vendors and their offerings.

## LoginPage

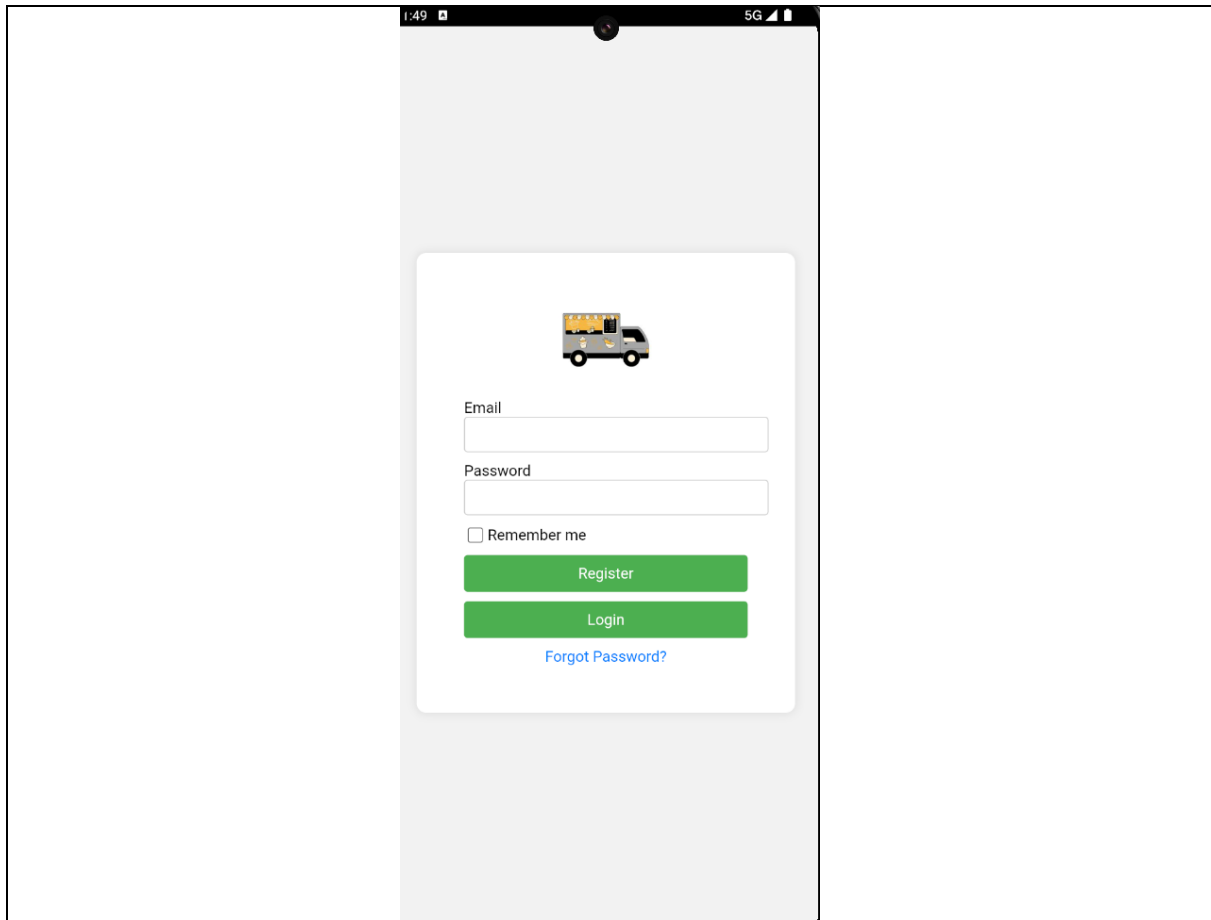


Figure 1: LoginPage

Figure 1 shows the interface of this project. It highlights the login page that is necessary to identify the user. Users need to fill in UserID and Password to login. In this page, potential users can also Sign Up for a new account to enable them to use this project.

## Coding

### Login.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="css/login.css">
</head>
<body>
  <script src="js/jquery-3.7.1.min.js"></script>
  <script src="js/bootstrap.min.js"></script>
  <script src="js/popper.min.js"></script>
  <script src="js/login.js"></script>

  <div class="login-form">
    

    <form>
      <label for="email">Email</label>
      <input type="email" id="email" name="email" required>

      <label for="password">Password</label>
      <input type="password" id="password" name="password"
required>

      <label class="checkbox-label">
        <input type="checkbox" id="remember"
name="remember">
        Remember me
      </label>

      <button type="button"
onclick="window.location.href='register.html'">Register</button>
      <button type="submit"
onclick="window.location.href='home.html'">Login</button>
      <a href="forgotPass.html" class="forgot-password"
onclick="forgotPassword()">Forgot Password?</a>
    </form>
  </div>

</body>
</html>
```

## Login.css

```
body {
  background:url("img/bg.jpeg") no-repeat center center fixed;
  background-size: cover;
  font-family: Arial, sans-serif;
  background-color: #f2f2f2;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
}

.login-form {
  background-color: #fff;
  padding: 50px;
  border-radius: 10px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  width: 300px;
}

.login-form h2 {
  margin-bottom: 20px;
  font-size: 24px;
  text-align: center;
}

.logo {
  display: block;
  margin: 0 auto 20px;
  width: 100px; /* Adjust width as needed */
  height: auto;
}

/* .login-form label {
  display: block;
  margin-bottom: 5px;
} */

.login-form input[type="email"],
.login-form input[type="password"] {
  width: 100%;
  padding: 10px;
  margin-bottom: 10px;
  border: 1px solid #ccc;
  border-radius: 4px;
}
```

```
}

.login-form .checkboxbox-label {
  display: flex;
  align-items: center;
}

.login-form .checkboxbox-label input {
  margin-right: 5px;
}

.login-form button {
  width: 100%;
  padding: 10px;
  margin-top: 10px;
  border: none;
  border-radius: 4px;
  background-color: #4CAF50;
  color: white;
  font-size: 16px;
  cursor: pointer;
}

.login-form button:hover {
  background-color: #45a049;
}

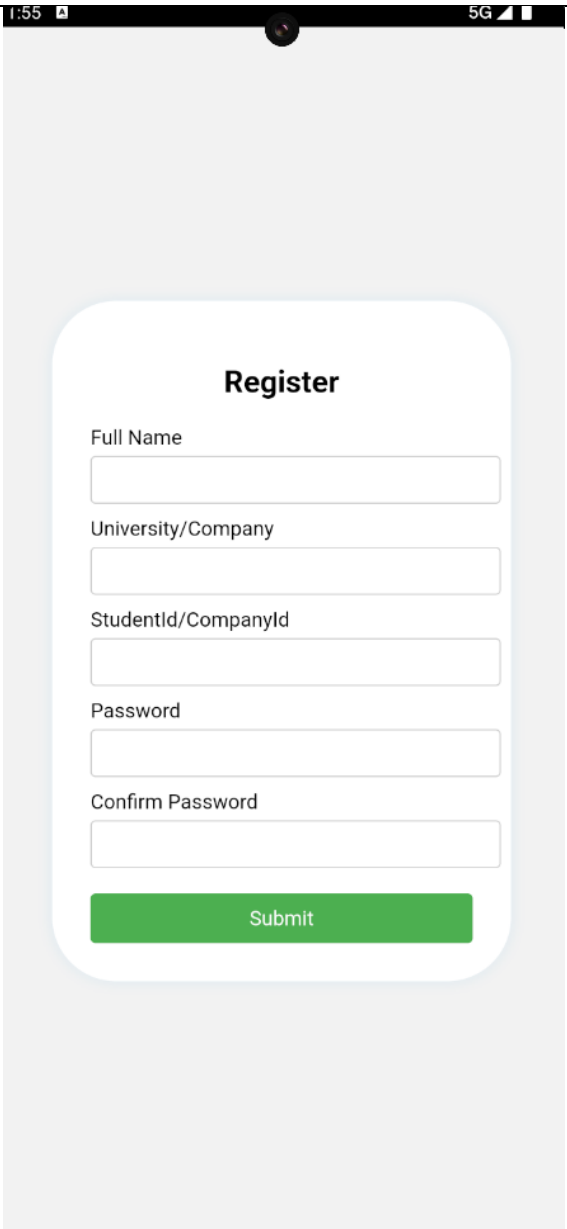
.login-form .forgot-password {
  display: block;
  text-align: center;
  margin-top: 10px;
  text-decoration: none;
  color: #007BFF;
}
```

Login.js

```
if (!sessionStorage.loggedin || sessionStorage.loggedin==null){  
    location.href="login.html";  
}
```



## Register Page



The image shows a mobile application interface for a registration page. The page is titled "Register" in bold black text. Below the title, there are five input fields, each with a label above it: "Full Name", "University/Company", "StudentId/CompanyId", "Password", and "Confirm Password". Each input field is a white rectangle with a thin grey border. At the bottom of the form is a green button with the word "Submit" in white text. The entire form is centered on a light grey background, which is itself centered on a white background. The top of the screen shows a status bar with the time "1:55", a signal strength indicator, and "5G" text.

Figure 2: RegisterPage

Figure 2 shows the interface of this project. It shows the registration form that pops up after SignUp link is clicked. It asks for user details to identify user data so that the platform can function at its best form.

## Register.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Register</title>
  <link rel="stylesheet" href="css/register.css">
</head>
<body>
  <script src="js/jquery-3.7.1.min.js"></script>
  <script src="js/bootstrap.min.js"></script>
  <script src="js/popper.min.js"></script>
  <script src="js/register.js"></script>

  <div class="register-form">
    <h2>Register</h2>
    <form>
      <label for="name">Full Name</label>
      <input type="text" id="name" name="name" required>

      <label for="entity">University/Company</label>
      <input type="text" id="entity" name="entity" required>

      <label for="codeID">StudentId/CompanyId</label>
      <input type="text" id="codeID" name="codeID" required>

      <label for="password">Password</label>
      <input type="password" id="password" name="password"
required>

      <label for="cpassword">Confirm Password</label>
      <input type="password" id="cpassword" name="cpassword"
required>

      <button type="submit"
onclick="window.location.href='login.html'">Submit</button>
    </form>
  </div>
</body>
</html>
```

## Register.css

```
body {
  background: url("img/bg.jpeg") no-repeat center center fixed;
  background-size: cover;
  font-family: Arial, sans-serif;
  background-color: #f2f2f2;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
}

.register-form {
  background-color: #fff;
  padding: 30px;
  border-radius: 50px;
  box-shadow: 0 0 10px rgba(15, 155, 231, 0.1);
  width: 300px;
  text-align: center;
}

.register-form h2 {
  margin-bottom: 20px;
  font-size: 24px;
}

.register-form label {
  display: block;
  margin-bottom: 5px;
  text-align: left;
}

.register-form input[type="text"],
.register-form input[type="password"] {
  width: 100%;
  padding: 10px;
  margin-bottom: 10px;
  border: 1px solid #ccc;
  border-radius: 4px;
}

.register-form button {
  width: 100%;
  padding: 10px;
  margin-top: 10px;
  border: none;
  border-radius: 4px;
  background-color: #4CAF50;
```

```
    color: white;
    font-size: 16px;
    cursor: pointer;
}

.register-form button:hover {
    background-color: #45a049;
}
```

Register.js

```
$(function() {
    $('#btnSubmit').click(function() {
        // Handle form submission
        var email = $('#email').val();
        var name = $('#name').val();
        var password = $('#password').val();
        var confirmPassword = $('#cpassword').val();

        if (!enoughLength(password, confirmPassword)) {
            alert("Password must have a minimum of 8
characters!");
        } else {
            var formData = {
                email: email,
                name: name,
                password: password
            };

            // Simulating a successful registration
            // Replace 'url' with your actual backend endpoint
            $.ajax({
                type: "POST",
                url: 'url', // Replace with your backend URL
                data: formData,
                success: function(response) {
                    // Assuming response is successful
                    alert("Registration successful!");
                    // Redirect to login.html after registration
                    window.location.href = 'login.html';
                },
                error: function(xhr, status, error) {
                    console.error("Error:", error);
                    alert("Registration failed. Please try
again.");
                }
            });
        }
    });

    function enoughLength(password1, password2) {
        // Check if passwords meet the minimum length requirement
        return (password1.length >= 8 && password2.length >= 8);
    }
});
```

## HomePage

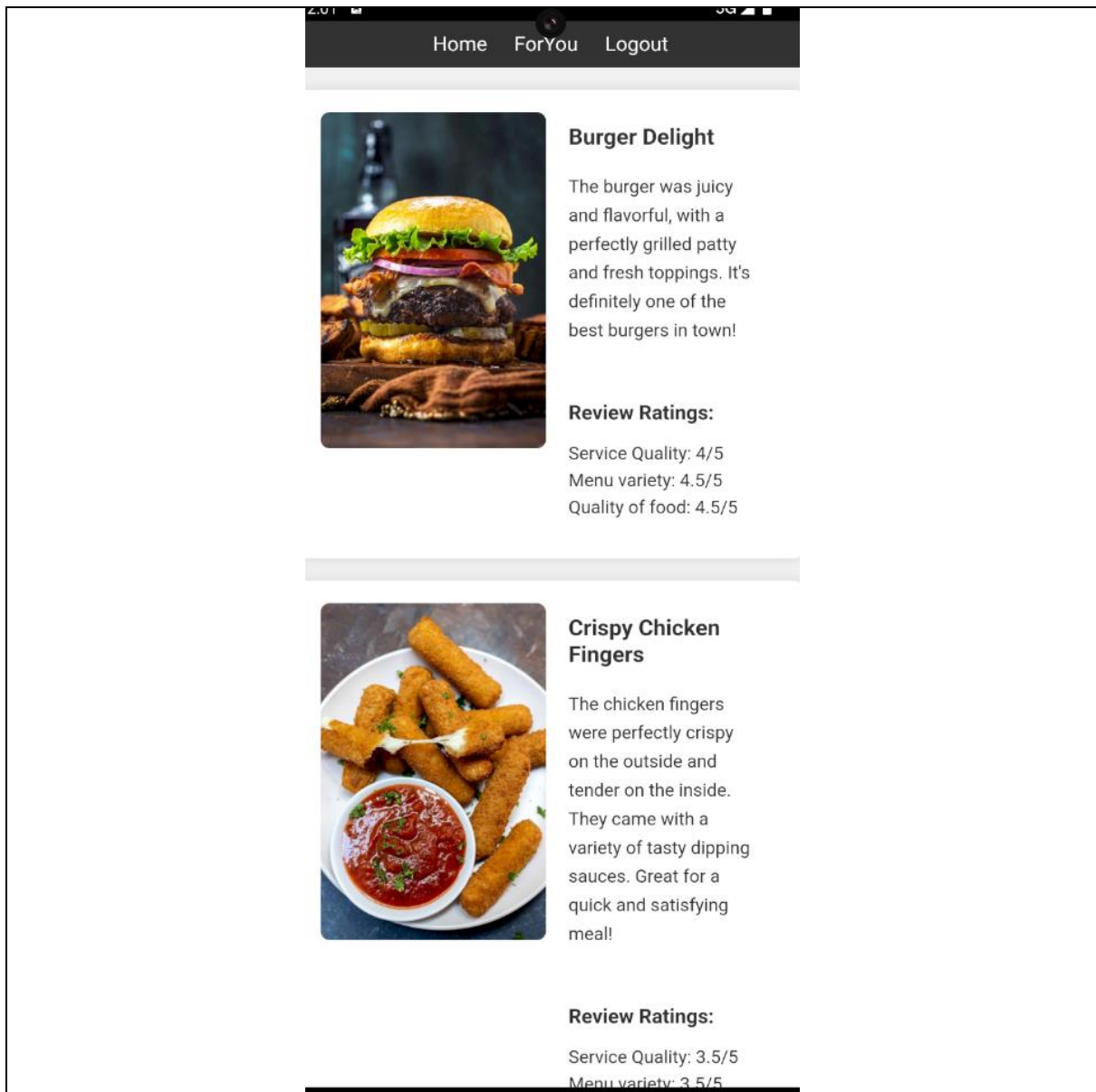


Figure 3: HomePage

Figure 3 shows the interface of this project. This part highlight the main page of the application. It shows user what is available during the day. User also can rate the Seller using 5star review to recommend others to experience the same feelings, not only that the user can share seller post so that the post can reach a higher audience. User also can set alert to the post so they will be notified for the seller promotion and sales.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Home For You</title>
  <link rel="stylesheet" href="css/home.css">
</head>
<body>
  <header>
    <nav class="nav">
      <a href="home.html">Home</a>
      <a href="find.html">ForYou</a>
      <a href="login.html" class="logout">Logout</a> <!-- Logout
button -->
    </nav>
  </header>

  <main>
    <div class="review">
      <div class="pic-container">
        <a href="https://maps.app.goo.gl/XyuaQWzrLX9wn6jD8">
          
        </a>
      </div>
      <div class="review-container">
        <div class="review-body">
          <h3>Burger Delight</h3>
          <p>
            The burger was juicy and flavorful, with a perfectly
grilled patty and fresh toppings. It's definitely one of the best
burgers in town!
          </p>
        </div>
        <div class="rating-container">
          <div class="review-rating">
            <h4>Review Ratings:</h4>
            <ul>
              <li>Service Quality: 4/5</li>
              <li>Menu variety: 4.5/5</li>
              <li>Quality of food: 4.5/5</li>
            </ul>
          </div>
        </div>
      </div>
    </div>
  </main>
</body>
</html>
```

```
</div>
</div>

<div class="review">
  <div class="pic-container">
    <a href="https://maps.app.goo.gl/ByrEuM4isRViGnEu8">
      
    </a>
  </div>
  <div class="review-container">
    <div class="review-body">
      <h3>Crispy Chicken Fingers</h3>
      <p>
        The chicken fingers were perfectly crispy on the
outside and tender on the inside. They came with a variety of
tasty dipping sauces. Great for a quick and satisfying meal!
      </p>
    </div>
    <div class="rating-container">
      <div class="review-rating">
        <h4>Review Ratings:</h4>
        <ul>
          <li>Service Quality: 3.5/5</li>
          <li>Menu variety: 3.5/5</li>
          <li>Quality of food: 4/5</li>
        </ul>
      </div>
    </div>
  </div>
</div>

<div class="review">
  <div class="pic-container">
    <a href="https://maps.app.goo.gl/ByrEuM4isRViGnEu8">
      
    </a>
  </div>
  <div class="review-container">
    <div class="review-body">
      <h3>Tortilla Pancake</h3>
      <p>
        The tortilla pancake was a delightful mix of savory
flavors, stuffed with cheese, vegetables, and your choice of meat.
A perfect dish for brunch or a light lunch!
      </p>
    </div>
  </div>
</div>
```



```

    <div class="rating-container">
      <div class="review-rating">
        <h4>Review Ratings:</h4>
        <ul>
          <li>Service Quality: 3.5/5</li>
          <li>Menu variety: 4/5</li>
          <li>Quality of food: 4/5</li>
        </ul>
      </div>
    </div>
  </div>
</div>

<div class="review">
  <div class="pic-container">
    <a href="https://maps.app.goo.gl/ByrEuM4isRViGnEu8">
      
    </a>
  </div>
  <div class="review-container">
    <div class="review-body">
      <h3>Authentic Ramen House</h3>
      <p>
        The ramen here was rich and flavorful, with perfectly
        cooked noodles and a delicious broth. It's a must-try for ramen
        enthusiasts!
      </p>
    </div>
    <div class="rating-container">
      <div class="review-rating">
        <h4>Review Ratings:</h4>
        <ul>
          <li>Service Quality: 4/5</li>
          <li>Menu variety: 4.5/5</li>
          <li>Quality of food: 4/5</li>
        </ul>
      </div>
    </div>
  </div>
</div>

<div class="review">
  <div class="pic-container">
    <a href="home.html">
      
    </a>
  </div>

```

```

<div class="review-container">
  <div class="review-body">
    <h3>Mexican Tortilla Specialties</h3>
    <p>
      The tortilla dishes here are authentic and bursting
      with flavors. From quesadillas to tacos, each dish is made with
      care and attention to detail.
    </p>
  </div>
  <div class="rating-container">
    <div class="review-rating">
      <h4>Review Ratings:</h4>
      <ul>
        <li>Service Quality: 4/5</li>
        <li>Menu variety: 4.5/5</li>
        <li>Quality of food: 4/5</li>
      </ul>
    </div>
  </div>
</div>

<div class="review">
  <div class="pic-container">
    <a href="home.html">
      
    </a>
  </div>
  <div class="review-container">
    <div class="review-body">
      <h3>Japanese Yakiniku Grill</h3>
      <p>
        The yakiniku here is top-notch, with high-quality meat
        grilled to perfection at your table. Each bite is a savory
        delight!
      </p>
    </div>
    <div class="rating-container">
      <div class="review-rating">
        <h4>Review Ratings:</h4>
        <ul>
          <li>Service Quality: 4.5/5</li>
          <li>Menu variety: 4/5</li>
          <li>Quality of food: 4.5/5</li>
        </ul>
      </div>
    </div>
  </div>

```

```
    </div>
  </div>

</main>

<script src="home.js"></script>
</body>
</html>
```

## Home.css

```
/* home.css */
body {
  font-family: Arial, sans-serif;
  background-color: #f0f0f0;
  margin: 0;
  padding: 0;
}

header {
  background-color: #333;
  color: #fff;
  padding: 10px 0;
}

.nav {
  max-width: 800px;
  margin: 0 auto;
  text-align: center;
}

.nav a {
  color: #fff;
  text-decoration: none;
  margin: 0 10px;
  font-size: 18px;
}

main {
  max-width: 800px;
  margin: 20px auto;
}

.review {
  background-color: #fff;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  padding: 20px;
  margin-bottom: 20px;
  display: flex;
}
```

```
.pic-container {
  text-align: center;
  margin-bottom: 10px;
}

.review-pic {
  max-width: 200px; /* Adjust as needed for the desired size */
  border-radius: 8px;
}

.review-container {
  padding: 0 20px;
  display: flex;
  flex-direction: column;
}

.review-body {
  color: #333;
}

.review-body h3 {
  font-size: 20px;
  margin-top: 10px;
}

.review-body p {
  line-height: 1.6;
}

.rating-container {
  margin-top: 10px;
}

.review-rating {
  color: #333;
}

.review-rating h4 {
  font-size: 18px;
  margin-bottom: 10px;
}

.review-rating ul {
  list-style-type: none;
  padding: 0;
}

.review-rating li {
```

```
font-size: 16px;
margin-top: 5px;
}
```

Home.js

```
$(document).ready(function() {
    // Function to toggle the navigation menu on small screens
    function myFunction() {
        var x = document.getElementById("myNav");
        if (x.className === "nav") {
            x.className += " responsive";
        } else {
            x.className = "nav";
        }
    }

    // Attach the function to the icon click event
    $(".icon").click(function() {
        myFunction();
    });
});
```

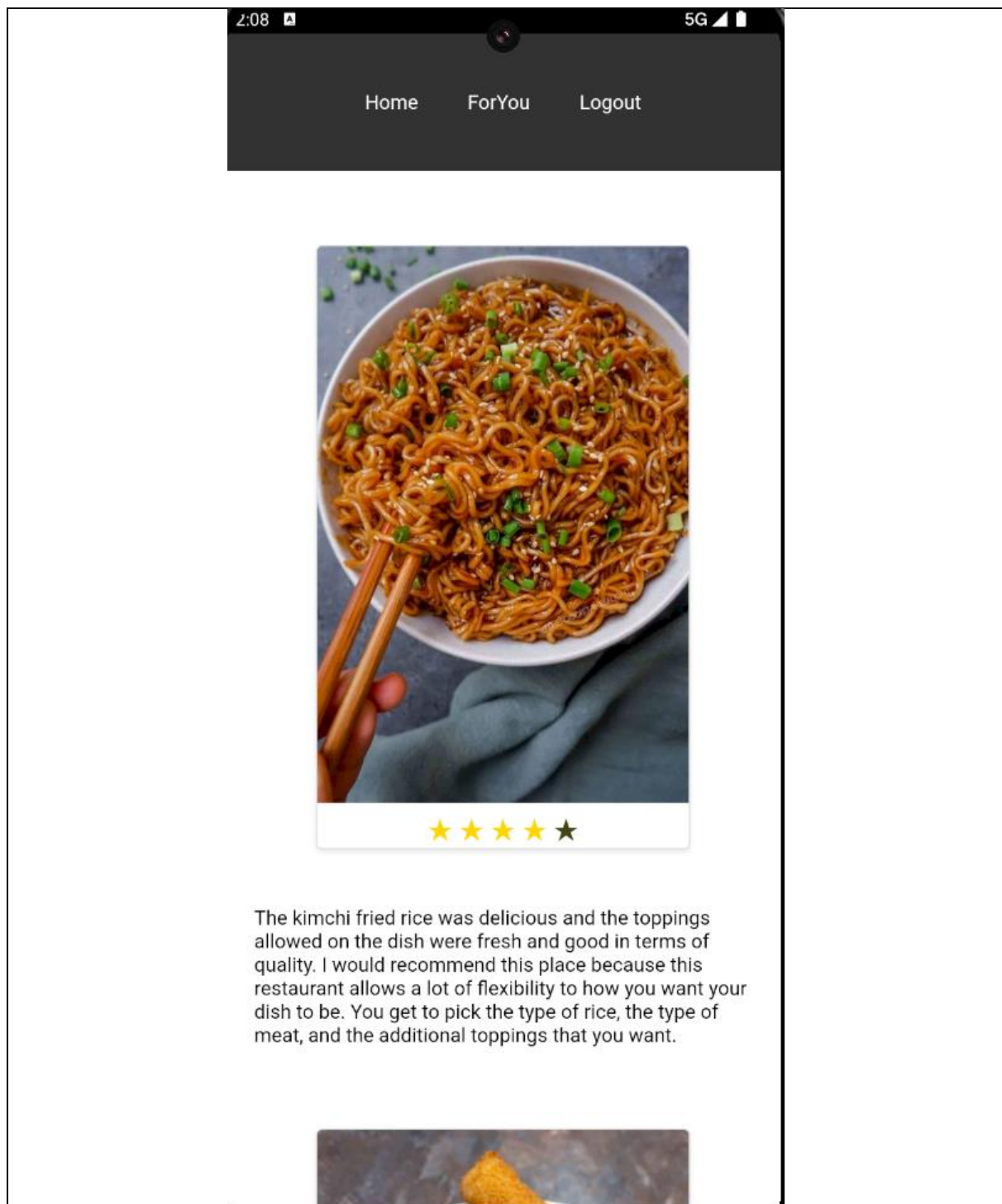


Figure4: ForYou Page

Figure 4 shows the interface of this project. This part shows that user can leave review after seller upload their product and link to the google map so that other user(student/customer) can reach out to them.

## Coding

Find.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>YippyYaps</title>
  <link rel="stylesheet" href="css/find.css">
  <script src="js/jquery-3.7.1.min.js"></script>
  <script src="js/bootstrap.min.js"></script>
  <script src="js/popper.min.js"></script>
  <script src="js/find.js"></script>
</head>
<body>
  <header>
    <nav class="nav">
      <nav class="nav">
        <a href="home.html">Home</a>
        <a href="find.html">ForYou</a>
        <a href="login.html" class="logout">Logout</a> <!--
- Logout button -->
      </nav>
    </nav>
  </header>

  <main>
    <section id="gallery" class="gallery">
      <section id="gallery" class="gallery">
        <div class="image-card">
          <a href="home.html">
            
          </a>
          <span class="star selected" data-
value="1">&#9733;</span>
          <span class="star selected" data-
value="2">&#9733;</span>
          <span class="star selected" data-
value="3">&#9733;</span>
          <span class="star selected" data-
value="4">&#9733;</span>
          <span class="star" data-
value="5">&#9733;</span>
        </div>
        <p class="description"> The kimchi fried rice was
delicious and the toppings allowed on the dish were fresh and good
```



in terms of quality. I would recommend this place because this restaurant allows a lot of flexibility to how you want your dish to be. You get to pick the type of rice, the type of meat, and the additional toppings that you want.</p>

</div>

<section id="gallery" class="gallery">

<div class="image-card">

<a href="home.html">



</a>

<span class="star selected" data-value="1">&#9733;</span>

<span class="star selected" data-value="2">&#9733;</span>

<span class="star selected" data-value="3">&#9733;</span>

<span class="star" data-value="4">&#9733;</span>

<span class="star" data-value="5">&#9733;</span>

</div>

<p class="description">The mango noodle was good! The overall taste of the dish was decent and it definitely met my expectations of what this dish should taste like. The portion size was a bit small, but the size still seemed pretty fair. The restaurant offered many food choices and the restaurant was pretty clean.</p>

</div>

<section id="gallery" class="gallery">

<div class="image-card">

<a href="home.html">



</a>

<span class="star selected" data-value="1">&#9733;</span>

<span class="star selected" data-value="2">&#9733;</span>

<span class="star selected" data-value="3">&#9733;</span>

<span class="star selected" data-value="4">&#9733;</span>

<span class="star" data-value="5">&#9733;</span>

</div>

```
        <p class="description">The bento box was a bit
small. I was expecting a little bit more food in the bento box but
it tasted pretty good. This is a dish I would not prefer if you
are hungry and looking for a full meal. However, the restaurant
itself was good. It was clean and had a welcoming environment.</p>
        </div>
    </section>
</main>

</body>
</html>
```

## Find.css

```
/* Global Styles */
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  background-color: #f0f0f0;
}

/* Navigation Styles */
.nav {
  display: flex;
  justify-content: center;
  background-color: #333;
  padding: 1rem;
}

.nav a {
  color: white;
  padding: 14px 20px;
  text-decoration: none;
  text-align: center;
}

.nav a:hover {
  background-color: #ddd;
  color: black;
}

/* Gallery Styles */
.gallery {
  display: flex;
  flex-direction: column;
  align-items: center;
  padding: 20px;
  background-color: #fff;
}

.image-card {
  background-color: #fff;
  border: 1px solid #ddd;
  border-radius: 5px;
  box-shadow: 0 2px 4px rgba(0,0,0,0.1);
  margin: 20px;
  overflow: hidden;
  width: 300px;
  text-align: center;
}
```

```
}

.gallery-img {
  width: 100%;
  height: auto;
}

.rating {
  display: flex;
  justify-content: center;
  padding: 10px 0;
}

.star {
  font-size: 24px;
  cursor: pointer;
  color: #444444;
}

.star.selected {
  color: gold;
}

.description {
  padding: 10px;
}
```

Find.js

```
document.addEventListener('DOMContentLoaded', function() {
  const stars = document.querySelectorAll('.star');

  stars.forEach(star => {
    star.addEventListener('click', function() {
      const value = this.getAttribute('data-value');
      const siblings = this.parentNode.children;

      for (let i = 0; i < siblings.length; i++) {
        siblings[i].classList.remove('selected');
      }

      for (let i = 0; i < value; i++) {
        siblings[i].classList.add('selected');
      }
    });
  });
});
```