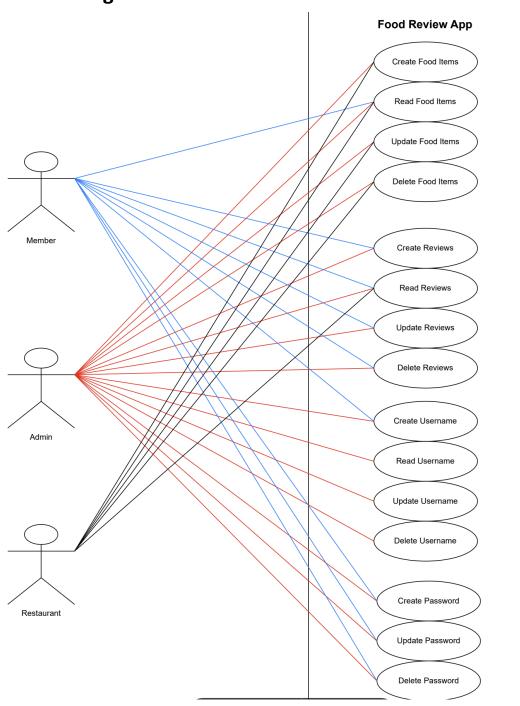# IS 6465-090 Final Project Midterm Submission
Food Review App

Group 5 - Brooke Greene, Heber Jensen, and Katelyn Candee

Use Case Diagram
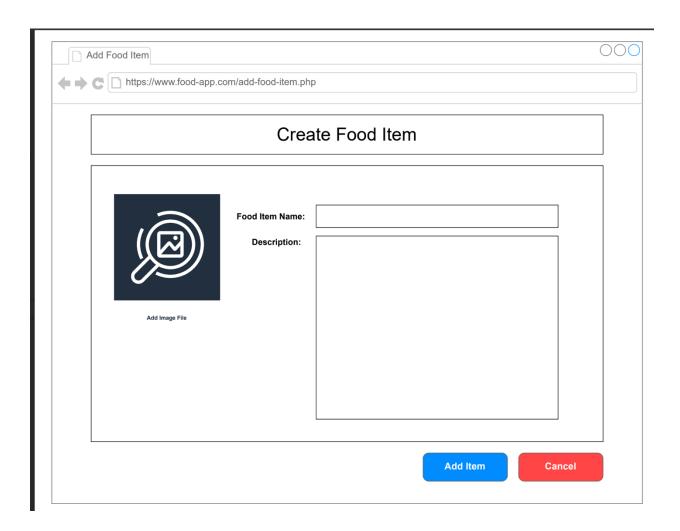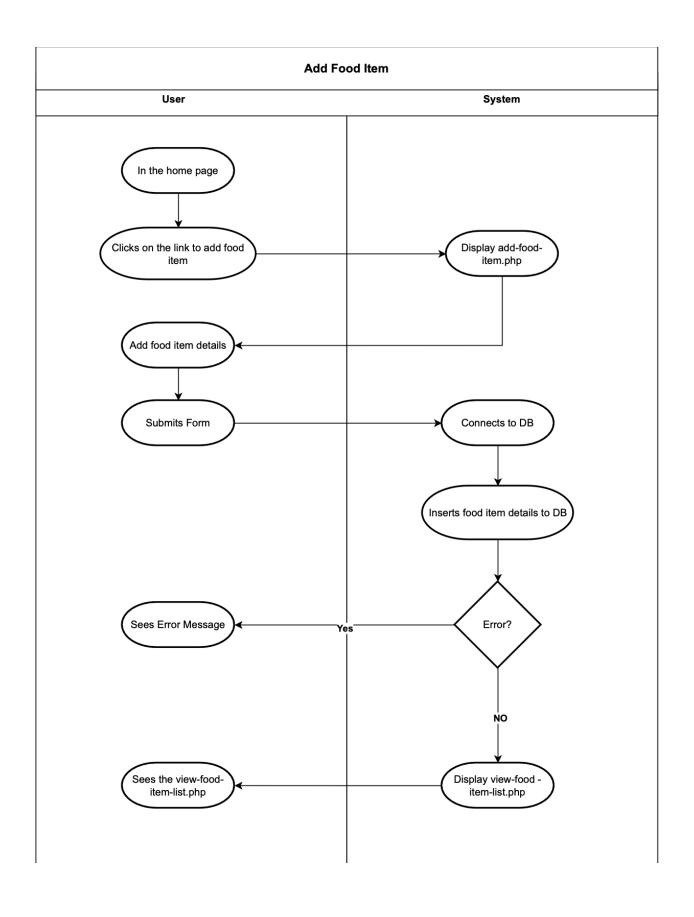
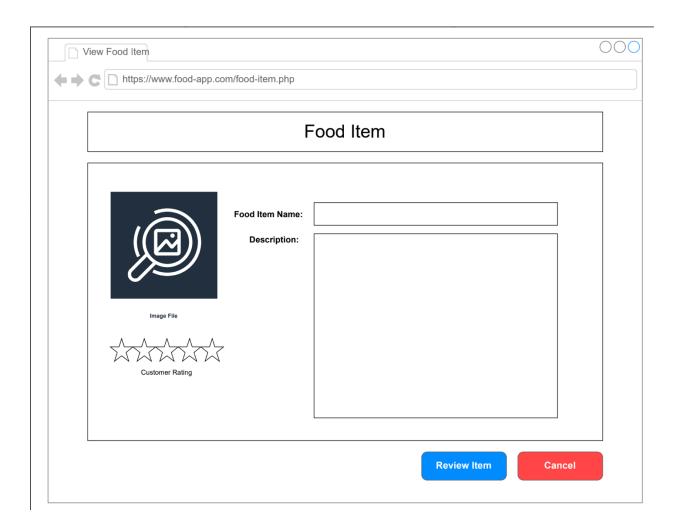# Use Cases

Food Item Management

CREATE FOOD ITEM

Use Case	Create/Add a new Food Item	
Objective	Add a new Food Item into the system	
Business Event	Add a new Food into the system	
Primary Actor (s)	Restaurant	
Secondary Actor (s)	Admin	
Pre-condition	User must be logged into the system. User clicks on the 'Add Food Item' link in the home page.	
Post-condition	User is forwarded to the View Food Items List Page.	
Failure outcomes	User is in the add new Food Item page. User is shown an error message 'Error in adding a new Food Item'.	
Flow of Events	Actor	System
1	User in the home page (home-page.php). User clicks on the add new Food Item page (add-food-item.php).	Add new food item page is shown.
2	User adds new food item details.	
3	User submits the form.	Connect to the database. Insert food item details into the food table. Forward user to the view-food -item-list.php page.
4	User sees the view-food-item-list.php page.	

https://www.food-app.com/add-food-item.php

Create Food Item

Add Image File

Food Item Name:

Description:

Add Item   **Cancel**

Add Food Item

User	System

In the home page

Clicks on the link to add food item → **Display add-food-item.php**

Add food item details ←

Submits Form → **Connects to DB**

Inserts food item details to DB

Error?

Sees Error Message ← **Yes**

NO

Sees the view-food-item-list.php ← **Display view-food-item-list.php**
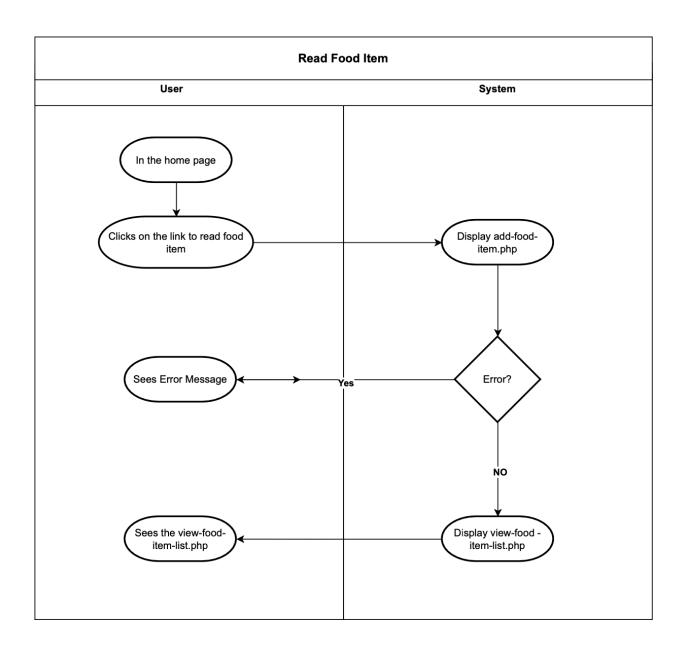
VIEW FOOD ITEM
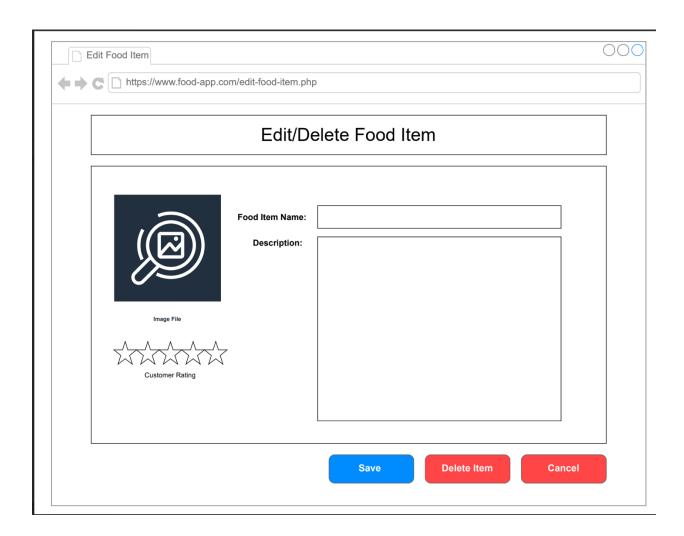
Use Case	Read Food Items	
Objective	Read food item in the system	
Business Event	Read food items in the system	
Primary Actor (s)	Member, Restaurant	
Secondary Actor (s)	Admin	
Pre-condition	User must be logged into the system. User clicks on the 'Read Food Item' link in the home page.	
Post-condition	User is forwarded to the View Food Items List Page.	
Failure outcomes	User is in the Read Food Item page. User is shown an error message 'Error in Reading in Food Items'.	
Flow of Events	Actor	System
1	User in the home page (home-page.php). User clicks on the Read Food Item page (Read-customer.php).	Read food item page is shown.
2	User Reads food items details.	

https://www.food-app.com/food-item.php

Food Item

Food Item Name:

Description:

Image File

Customer Rating

Review Item **Cancel**

Read Food Item

User	System

In the home page

Clicks on the link to read food item

Display add-food-item.php

Sees Error Message

Yes

Error?

NO

Sees the view-food-item-list.php

Display view-food -item-list.php
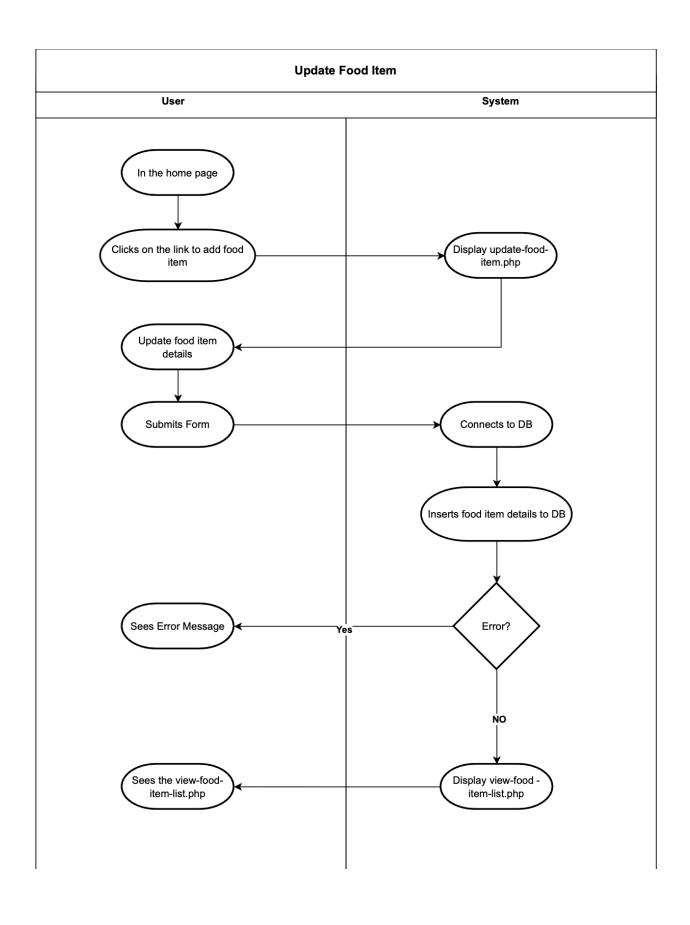
UPDATE FOOD ITEM

Use Case	Update a new Food Item	
Objective	Update a Food Item into the system	
Business Event	Update a Food into the system	
Primary Actor (s)	Restaurant	
Secondary Actor (s)	Admin	
Pre-condition	User must be logged into the system. User clicks on the 'Update Food Item' link in the home page.	
Post-condition	User is forwarded to the View Food Items List Page.	
Failure outcomes	User is in the Update Food Item page. User is shown an error message 'Error in Updating Food Item'.	
Flow of Events	Actor	System
1	User in the home page (home-page.php). User clicks on the Update Food Item page (add-food-item.php).	Update food item page is shown.
2	User updates food item details.	
3	User submits the form.	Connect to the database. Updates food item details into the food table. Forward user to the view-food-item-list.php page.
4	User sees the view-food-item-list.php page.	

https://www.food-app.com/edit-food-item.php

Edit/Delete Food Item

Image File

Customer Rating

Food Item Name:

Description:

Save

Delete Item

Cancel

Update Food Item

User	System
In the home page	
Clicks on the link to add food item	Display update-food-item.php
Update food item details	
Submits Form	Connects to DB
	Inserts food item details to DB
Sees Error Message	Error? — Yes
	NO
Sees the view-food-item-list.php	Display view-food-item-list.php

DELETE FOOD ITEM

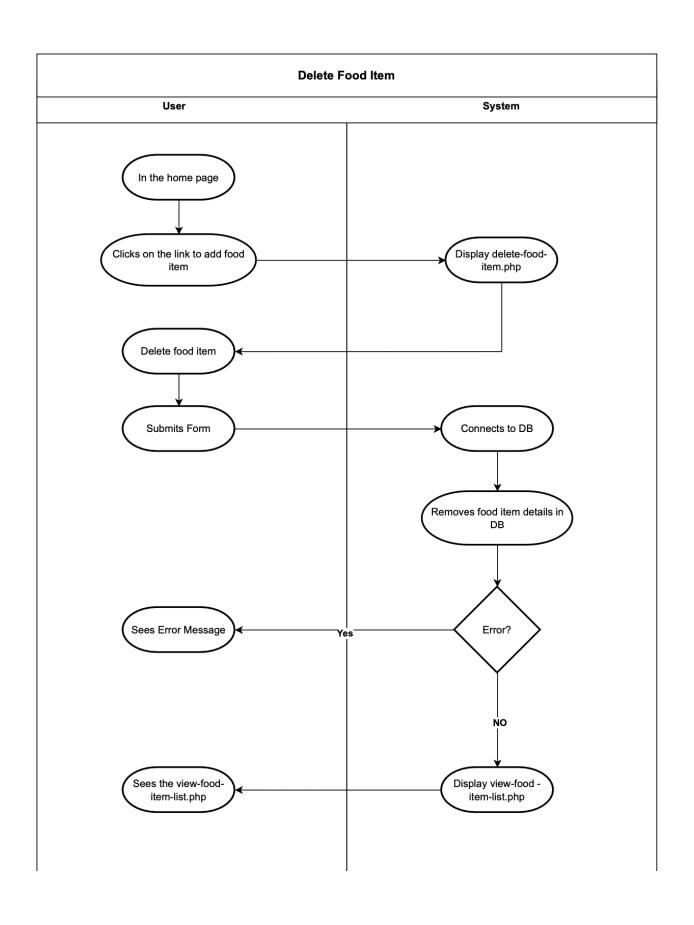| Use Case	Delete a Food Item	
Objective	Delete Food Item into the system	
Business Event	Delete Food into the system	
Primary Actor (s)	Restaurant	
Secondary Actor (s)	Admin	
Pre-condition	User must be logged into the system. User clicks on the 'Delete Food Item' link in the home page.	
Post-condition	User is forwarded to the View Food Items List Page.	
Failure outcomes	User is in the Delete Food Item page. User is shown an error message 'Error in Deleting Food Item'.	
Flow of Events	Actor	System
1	User in the home page (home-page.php). User clicks on the delete Food Item page (add-food-item.php).	Delete food item page is shown.
2	User deletes food item	
3	User submits the form.	Connect to the database. Delete food item details from the food table. Forward user to the view-food -item-list.php page.
4	User sees the view-food-item-list.php page.	

https://www.food-app.com/edit-food-item.php

Edit/Delete Food Item

Image File

Customer Rating

Food Item Name:

Description:

Save   Delete Item   Cancel

Delete Food Item

User	System

In the home page

Clicks on the link to add food item → Display delete-food-item.php

Delete food item ←

Submits Form → Connects to DB

Removes food item details in DB

Error?

Sees Error Message ← **Yes**

NO

Sees the view-food-item-list.php ← Display view-food-item-list.php

User Management
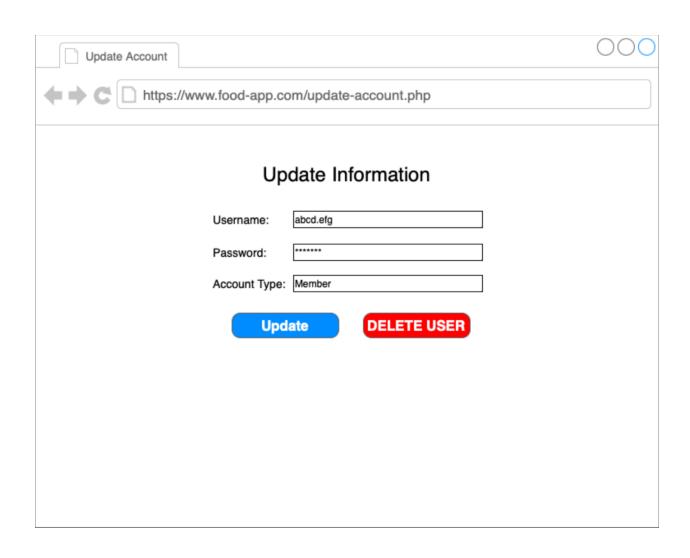
CREATE USERNAME

Use Case	Create Username	
Objective	Create a username for a user	
Business Event	Member/Restaurant creates a unique username during sign up process	
Primary Actor (s)	Member, Restaurant	
Secondary Actor (s)	Admin	
Pre-condition	User is not logged into system.	
Post-condition	User is forwarded to the Home page (now logged in).	
Failure outcomes	User is in the account creation page. User is shown an error message 'username already in use' User is shown an error message 'Error in creating username'	
Flow of Events	Actor	System
1	User is in the Home page (home-page.php) User clicks Login page (login.php)	Login.php is shown.
2	User clicks Create Account link (create-account.php)	Create-Account.php page is shown.
3	User fills out username field	
4	User submits registration	Connect to the database. Add user information into the table Forward user to home-page.php.
5	User sees the Home page.	

https://www.food-app.com/create-account.php

Create Your Account

Username: [   ]

Password: [   ]

Account Type: [   ]

Submit

CREATE USERNAME/PASSWORD

USER	SYSTEM

USER

User in create account page

↓

User clicks button to submit form

SYSTEM

Connect to database

↓

Adds new user data into User table

↓

Error?

— YES → See Error Message

NO

↓

Display home-page.php

← See Home Page
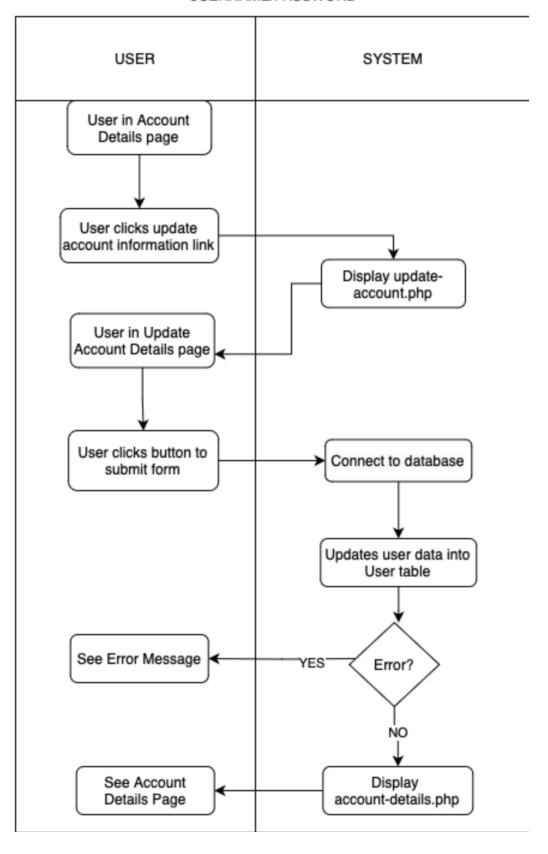
UPDATE USERNAME

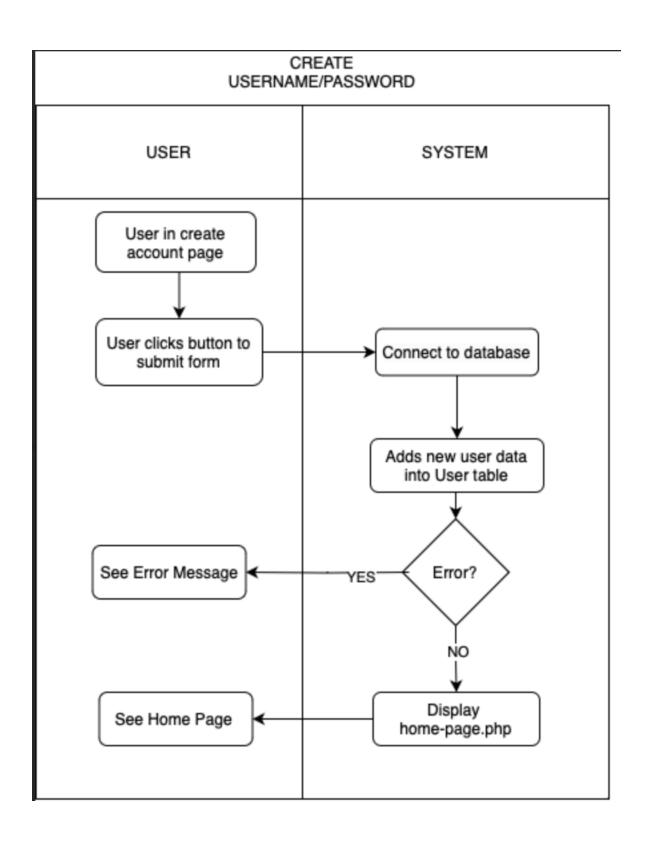| Use Case	Update Username	
Objective	User updates username in system	
Business Event	Member/Restaurant updates username in system	
Primary Actor (s)	Member, Restaurant	
Secondary Actor (s)	Admin	
Pre-condition	User must be logged into the system. User already has a username registered in system.	
Post-condition	User is forwarded to an updated Account Details page.	
Failure outcomes	User is shown an error message 'Username is already in use. Please choose a new one.' User is shown an error message 'Error in updating username.'	
Flow of Events	Actor	System
1	User is on home page. User clicks on Account Details page. (account-details.php)	Account-Details.php is shown
2	User clicks link 'Update Account Information'.	Update-Account.php is shown
3	User updates username.	
4	User submits Update Information form.	Connect to the database. Update user information in the table. Forward user to Account-Details.php.
5	User sees updated Account Details page.	

https://www.food-app.com/update-account.php

Update Information

Username: abcd.efg

Password: *******

Account Type: Member

Update **DELETE USER**

UPDATE USERNAME/PASSWORD

USER	SYSTEM
User in Account Details page	
↓	
User clicks update account information link	→ Display update-account.php
User in Update Account Details page	←
↓	
User clicks button to submit form	→ Connect to database
	↓
	Updates user data into User table
	↓
See Error Message	← YES — Error?
	NO ↓
See Account Details Page	← Display account-details.php

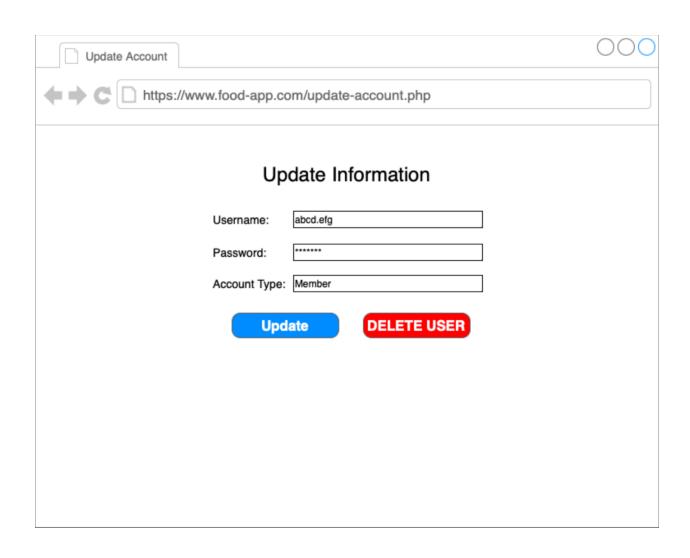**CREATE PASSWORD**

Use Case	Create Password	
Objective	Create a password for a user	
Business Event	Member/Restaurant creates a password during sign up process	
Primary Actor (s)	Member, Restaurant	
Secondary Actor (s)	Admin	
Pre-condition	User is not logged into system.	
Post-condition	User is forwarded to the Home page (now logged in).	
y	User is shown an error message 'Error in creating password'	
Flow of Events	Actor	System
1	User is in the home page (home-page.php) User clicks login page (login.php)	Login page is shown
2	User clicks create account page (create-account.php)	Create account page is shown
3	User fills out password field	
4	User submits registration	Connect to the database. Add user information into the table Forward user to the home-page.
5	User sees the home-page.	

https://www.food-app.com/create-account.php

Create Your Account

Username:

Password:

Account Type:

Submit

CREATE USERNAME/PASSWORD

USER	SYSTEM

USER:

User in create account page

↓

User clicks button to submit form

SYSTEM:

Connect to database

↓

Adds new user data into User table

↓

Error?

YES → See Error Message

NO ↓

Display home-page.php → See Home Page

UPDATE PASSWORD

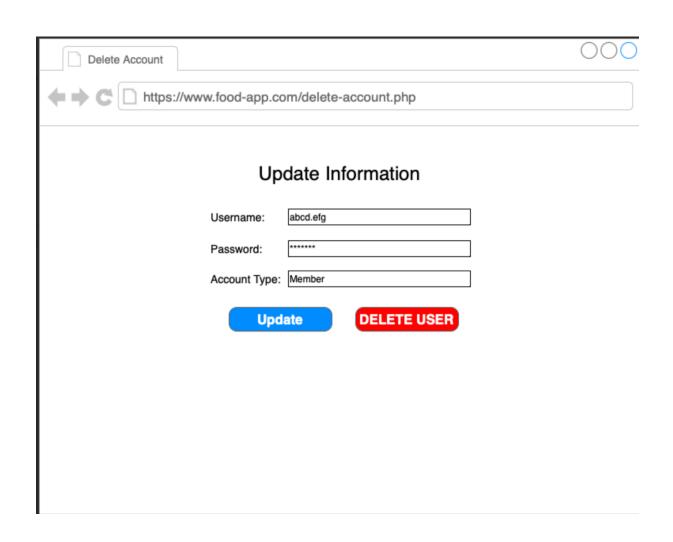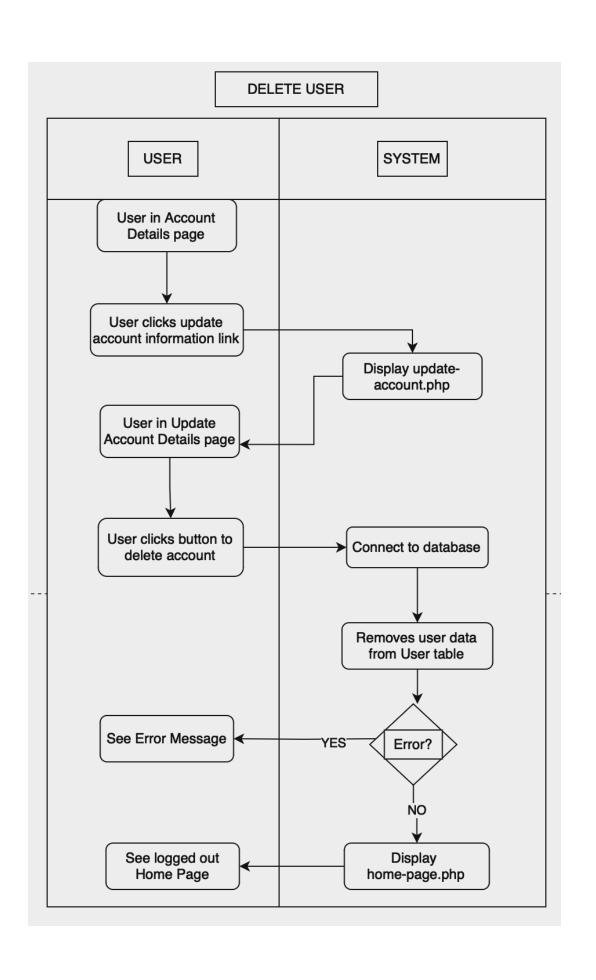| Use Case	Update Password	
Objective	User updates password in system	
Business Event	Member/Restaurant updates password in system	
Primary Actor (s)	Member, Restaurant	
Secondary Actor (s)	Admin	
Pre-condition	User must be logged into the system. User already has a password registered in system.	
Post-condition	User is forwarded to an updated Account Details page.	
Failure outcomes	User is shown an error message 'Cannot reuse old password' User is shown an error message 'Error in updating password'	
Flow of Events	Actor	System
1	User is on home page. User clicks on Account Details page. (account-details.php)	Account-Details.php is shown
2	User clicks link 'Update Account Information'.	Update-Account.php is shown
3	User updates password.	
4	User submits Update Information form.	Connect to the database. Update user information in the table. Forward user to Account-Details.php.
5	User sees updated Account Details page.	

https://www.food-app.com/update-account.php

Update Information

Username: abcd.efg

Password: *******

Account Type: Member

Update   **DELETE USER**

UPDATE
USERNAME/PASSWORD

USER	SYSTEM

- User in Account Details page
- User clicks update account information link
  - Display update-account.php
- User in Update Account Details page
- User clicks button to submit form
  - Connect to database
  - Updates user data into User table
  - Error?
    - YES → See Error Message
    - NO → Display account-details.php → See Account Details Page

DELETE USER

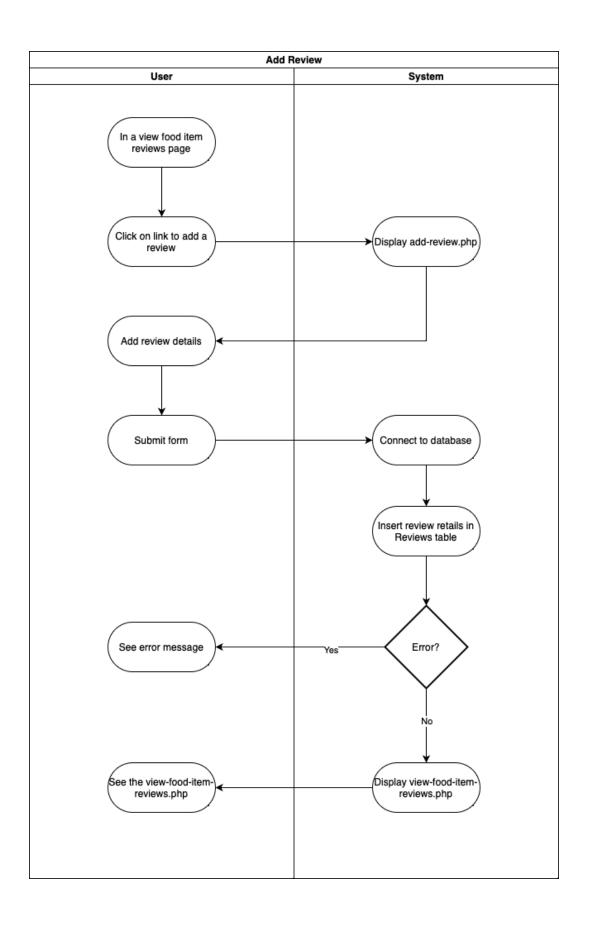| Use Case	Delete User	
Objective	Deletes a user	
Business Event	Member/Restaurant/Admin deletes user in system	
Primary Actor (s)	Member, Restaurant, Admin	
Secondary Actor (s)		
Pre-condition	User must be logged into the system. User already registered in system.	
Post-condition	User is forwarded to an updated Account Details page.	
Failure outcomes	User is shown an error message 'Error in deleting user'	
Flow of Events	Actor	System
1	User is on home page. User clicks on Account Details page. (account-details.php)	Account-Details.php is shown
2	User clicks link 'Update Account Information'.	Update-Account.php is shown
3	User clicks Delete User.	Connect to the database. Update user information in the table. Forward user to Account-Details.php.
4	User sees updated Account Details page.	

https://www.food-app.com/delete-account.php

Update Information

Username: abcd.efg

Password: *******

Account Type: Member

Update   **DELETE USER**

DELETE USER

USER

SYSTEM

User in Account Details page

User clicks update account information link

Display update-account.php

User in Update Account Details page

User clicks button to delete account

Connect to database

Removes user data from User table

Error?

See Error Message — YES

NO

See logged out Home Page

Display home-page.php

Reviews Management

ADD REVIEW

| Use Case	Add a new review	
Objective	Add a new review into the system	
Business Event	Add a new review into the system	
Primary Actor (s)	Member, Admin	
Secondary Actor (s)	None	
Pre-condition	User must be logged into the system. User navigates to a view food item reviews page. User clicks on the 'Add Review' link on a view food item reviews page.	
Post-condition	User is forwarded to the view food item reviews page.	
Failure outcomes	User is in the add new review page. User is shown an error message 'Error adding review'.	
Flow of Events	Actor	System
1	User in the view food item reviews page (food-item-reviews.php). User clicks on the add new review link (add-review.php).	Add new review page is shown.
2	User adds new review details (i.e., rating and comment).	
3	User submits the form.	Connect to the database. Insert review details into the Reviews table. Forward user to the view-food-item-reviews.php page.
4	User sees the view-food-item-reviews.php page.	
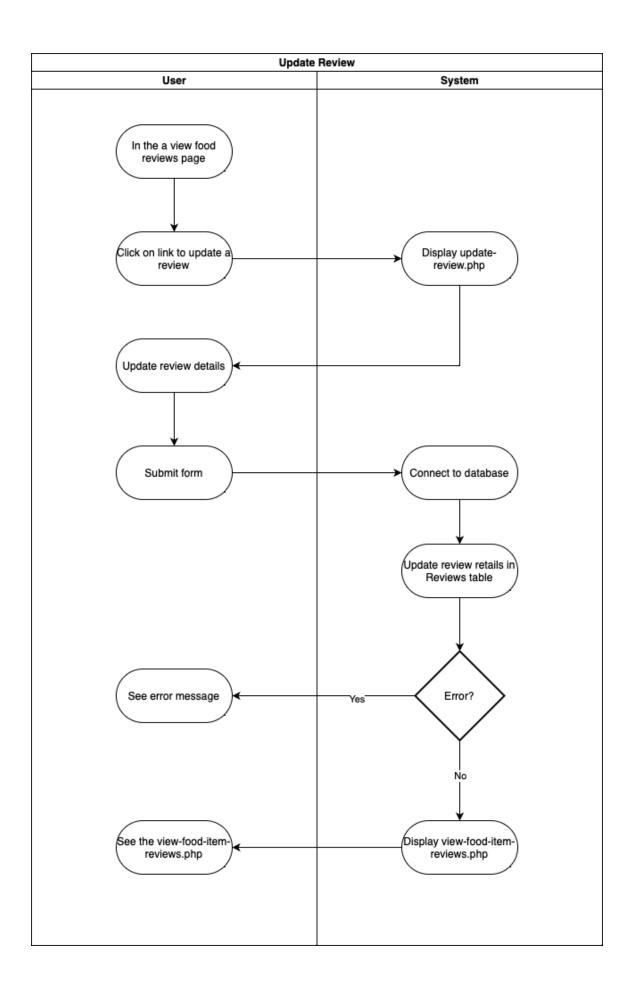
https://www.food-app.com/add-review.php

Your review for Pepperoni pizza

Select a rating: ☆ ☆ ☆ ☆ ☆

Review title:

Review description:

Submit

Add Review

User	System
In a view food item reviews page	
Click on link to add a review	Display add-review.php
Add review details	
Submit form	Connect to database
	Insert review retails in Reviews table
See error message	Error?
See the view-food-item-reviews.php	Display view-food-item-reviews.php

Yes

No

UPDATE REVIEW

Use Case	Update an existing review
Objective	Update an existing review in the system
Business Event	Update an existing review in the system
Primary Actor (s)	Member, Admin
Secondary Actor (s)	None
Pre-condition	User must be logged into the system. User navigates to a view food item reviews page. User clicks on the 'Update Review' link on a review on the view food item reviews page.
Post-condition	User is forwarded to the view food item reviews page.
Failure outcomes	User is in the update review page. User is shown an error message 'Error updating review'.

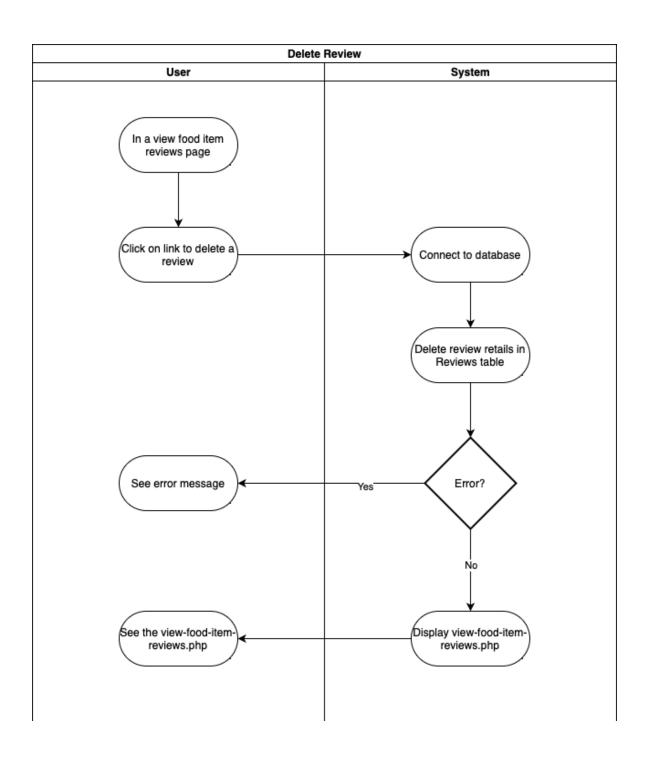| Flow of Events	Actor	System
1	User in the view food item reviews page (food-item-reviews.php). User clicks on the update existing review link (update-review.php).	Update existing review page is shown.
2	User updates existing review details (i.e., rating and comment).	
3	User submits the form.	Connect to the database. Update review details in the Reviews table. Forward user to the view-food-item-reviews.php page.
4	User sees the view-food-item-reviews.php page.	

https://www.food-app.com/update-review.php

Your review for Pepperoni pizza

Select a rating: ☆ ☆ ☆ ☆ ☆

Review title:

Review description:

Update

Update Review

User	System

In the a view food reviews page

Click on link to update a review → **Display update-review.php**

Update review details ←

Submit form → **Connect to database**

↓

Update review retails in Reviews table

↓

Error?

See error message ← Yes

No ↓

See the view-food-item-reviews.php ← **Display view-food-item-reviews.php**

DELETE REVIEW
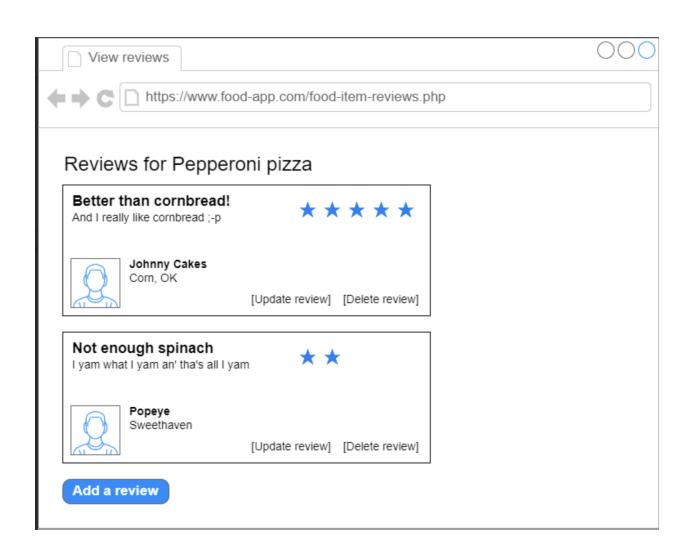
Use Case	Delete an existing review	
Objective	Delete an existing review in the system	
Business Event	Delete an existing review in the system	
Primary Actor (s)	Member, Admin	
Secondary Actor (s)	None	
Pre-condition	User must be logged into the system. User navigates to a view food item reviews page. User clicks on the 'Delete Review' link on their review on the view food item reviews page.	
Post-condition	User is forwarded to the view food item reviews page.	
Failure outcomes	User is in the view food item reviews page. User is shown an error message 'Error deleting review'.	
Flow of Events	Actor	System
1	User in the view food item reviews page (food-item-reviews.php). User clicks on the delete existing review link (food-item-reviews.php).	Connect to the database. Update review details in the Reviews table. Forward user to the view-food-item-reviews.php page.
2	User sees the view-food-item-reviews.php page.	
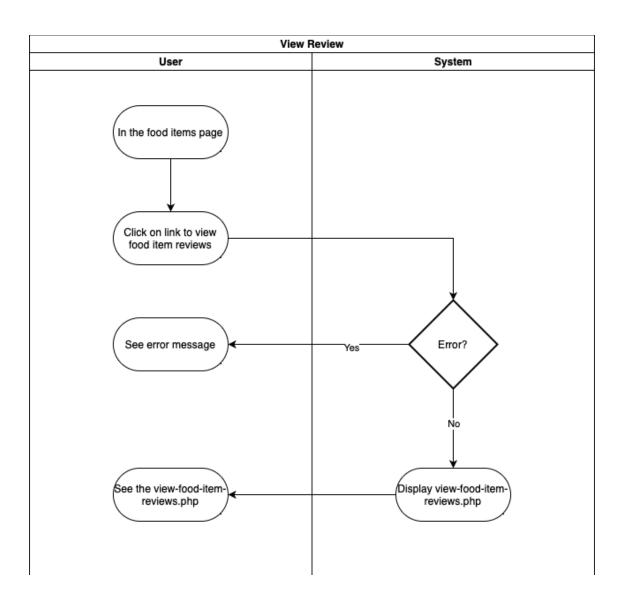
https://www.food-app.com/update-review.php

Your review for Pepperoni pizza

Select a rating: ☆ ☆ ☆ ☆ ☆

Review title:

Review description:

[Update]   [DELETE]

Delete Review

User	System

In a view food item reviews page

↓

Click on link to delete a review → **Connect to database**

↓

Delete review retails in Reviews table

↓

See error message ← Yes — **Error?**

No
↓

See the view-food-item-reviews.php ← **Display view-food-item-reviews.php**

VIEW REVIEW

Use Case	View an existing review
Objective	View an existing review in the system
Business Event	View an existing review in the system
Primary Actor (s)	Member, Restaurant, Admin
Secondary Actor (s)	None
Pre-condition	User must be logged into the system. User navigates to the view food items page. User clicks on the 'Reviews' link of a food item.
Post-condition	
Failure outcomes	User is in the view food items page. User is shown an error message 'Error viewing reviews'.

Flow of Events	Actor	System
1	User in the view food items page (food-items.php). User clicks on the view existing reviews link (food-item-reviews.php).	Display food-item-reviews.php page.
2	User sees the food-item-reviews.php page.	

https://www.food-app.com/food-item-reviews.php

Reviews for Pepperoni pizza

Better than cornbread!
And I really like cornbread ;-p
★ ★ ★ ★ ★

Johnny Cakes
Corn, OK

[Update review]   [Delete review]

Not enough spinach
I yam what I yam an' tha's all I yam
★ ★

Popeye
Sweethaven

[Update review]   [Delete review]

Add a review

View Review

User	System

In the food items page

Click on link to view food item reviews

See error message

Error?

Yes

No

See the view-food-item-reviews.php

Display view-food-item-reviews.php

Restaurant Management

VIEW RESTAURANTS

Use Case	View Restaurant List	
Objective	View list of available restaurants	
Business Event	View restaurants in the system	
Primary Actor (s)	Member	
Secondary Actor (s)	Admin	
Pre-condition	User must be logged into the system. User clicks on the 'Restaurants' link in the home page.	
Post-condition	User is forwarded to the Restaurants List Page.	
Failure outcomes	User is shown an error message 'Error in loading Restaurants'.	
Flow of Events	Actor	System
1	User in the home page (home.php). User clicks on the Restaurant List page (restaurant-list.php).	restaurant-list.php is shown.
2	User views list of restaurants registered on site.	

https://www.food-app.com/restaurant-list.php

Restaurant results matching "Pizza"

Frank Pepe's Pizzeria Neapoletana
Pizza

157 Wooster Street
New Haven, CT 06511

[View restaurant]
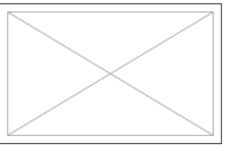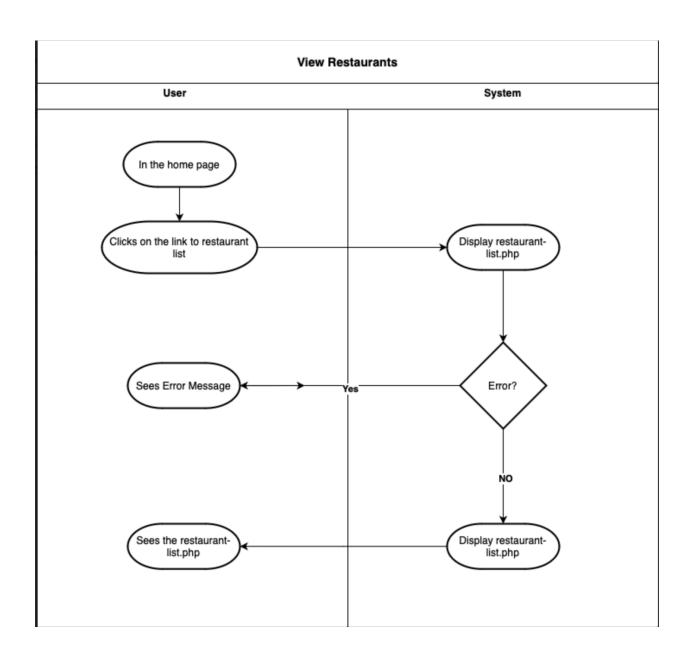
Sally's Apizza
Pizza

237 Wooster Street
New Haven, CT 06511

[View restaurant]

View Restaurants

User	System

In the home page

Clicks on the link to restaurant list

Display restaurant-list.php

Error?

Sees Error Message ← Yes

NO

Sees the restaurant-list.php ← Display restaurant-list.php
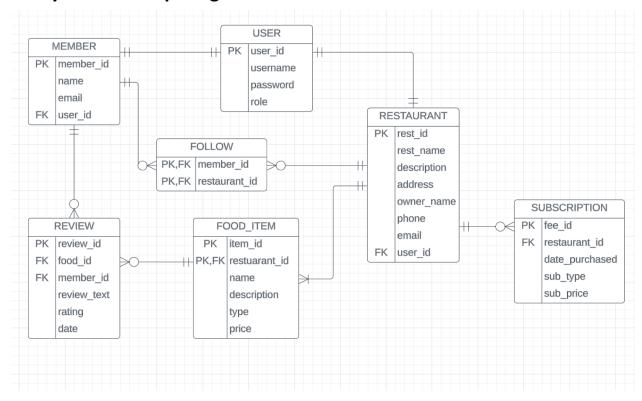
Entity Relationship Diagram

MEMBER
PK	member_id
	name
	email
FK	user_id

USER
PK	user_id
	username
	password
	role

FOLLOW
PK,FK	member_id
PK,FK	restaurant_id

RESTAURANT
PK	rest_id
	rest_name
	description
	address
	owner_name
	phone
	email
FK	user_id

REVIEW
PK	review_id
FK	food_id
FK	member_id
	review_text
	rating
	date

FOOD_ITEM
PK	item_id
PK,FK	restuarant_id
	name
	description
	type
	price

SUBSCRIPTION
PK	fee_id
FK	restaurant_id
	date_purchased
	sub_type
	sub_price

Ethical Front-End Development

Ethical front-end web development is a practice that prioritizes the responsible and considerate creation of web experiences. It encompasses various principles, including accessibility, user privacy, and the responsible use of technology. For our project, we wanted to ensure that user information was protected. We developed the login page requiring a username and password to log into the system. The login information should then be cleaned and sent to query the future database for the Food App's business. This design is to allow all users access to the services provided by Food-App while maintaining the trust and data privacy of our customers. Once customers use our application, we want to maintain their trust by keeping the user interface simple and effective. We hope that through simple design and ease of use, customers will continue to frequent our application to help support the food and restaurant industry worldwide. We want to maintain the most accurate information for our users and will only use administrator privileges to remove content deemed offensive or vulgar.