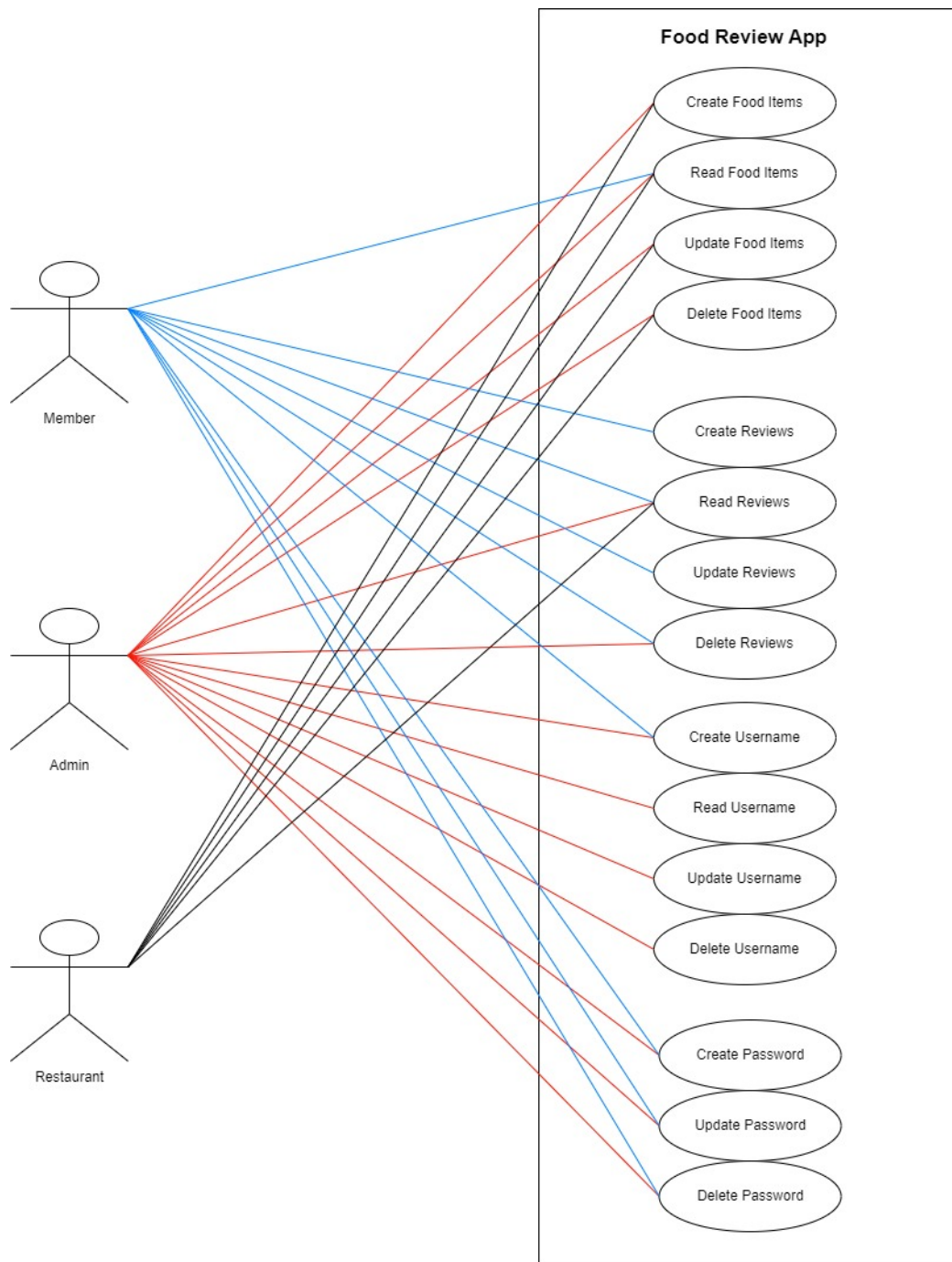


# IS 6465-090 Final Project Midterm Submission

## 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.	

Add Food Item

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

Create Food Item



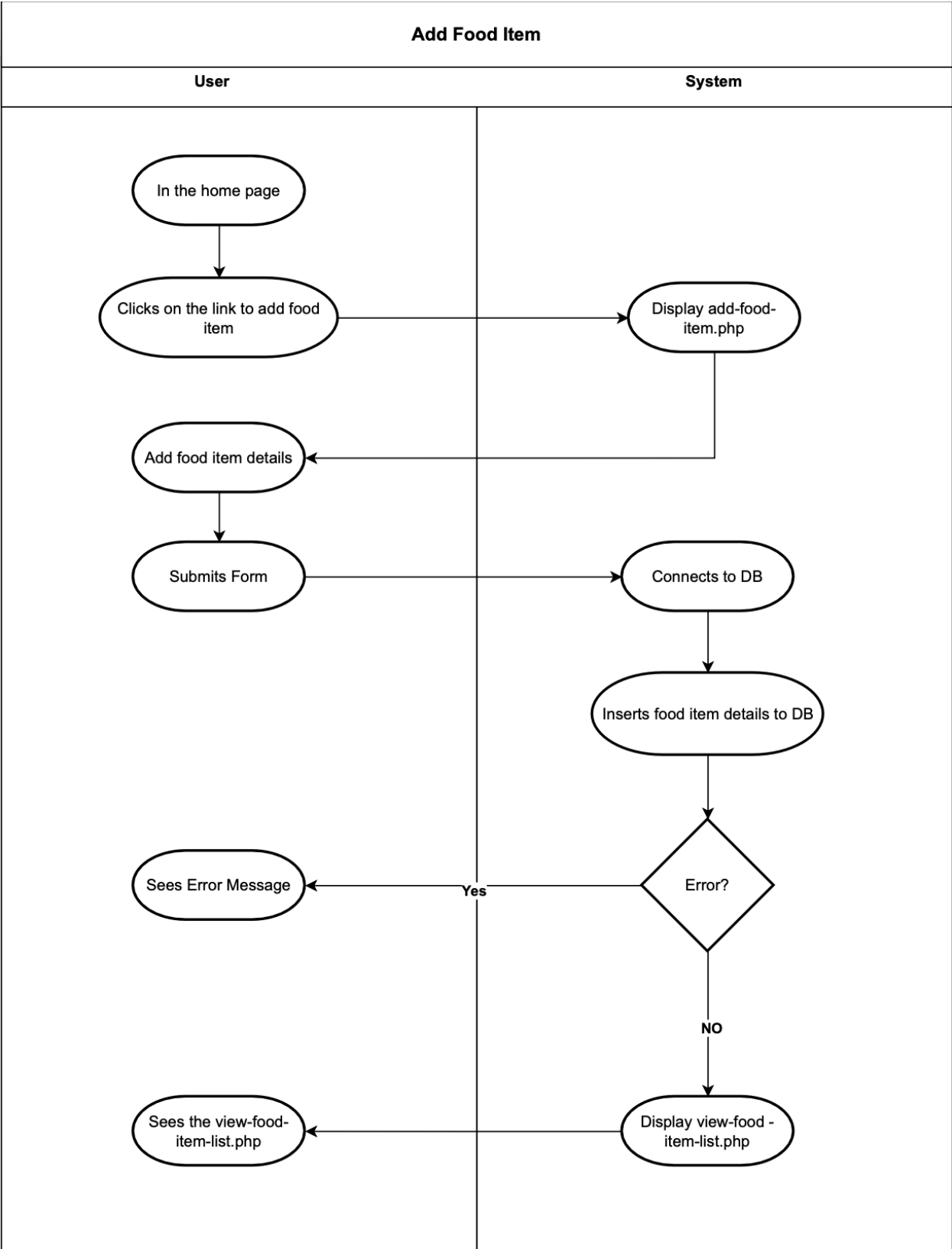
Add Image File

Food Item Name:

Description:

Add Item

Cancel



## 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.	

View Food Item

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

Food Item





Image File

Food Item Name:

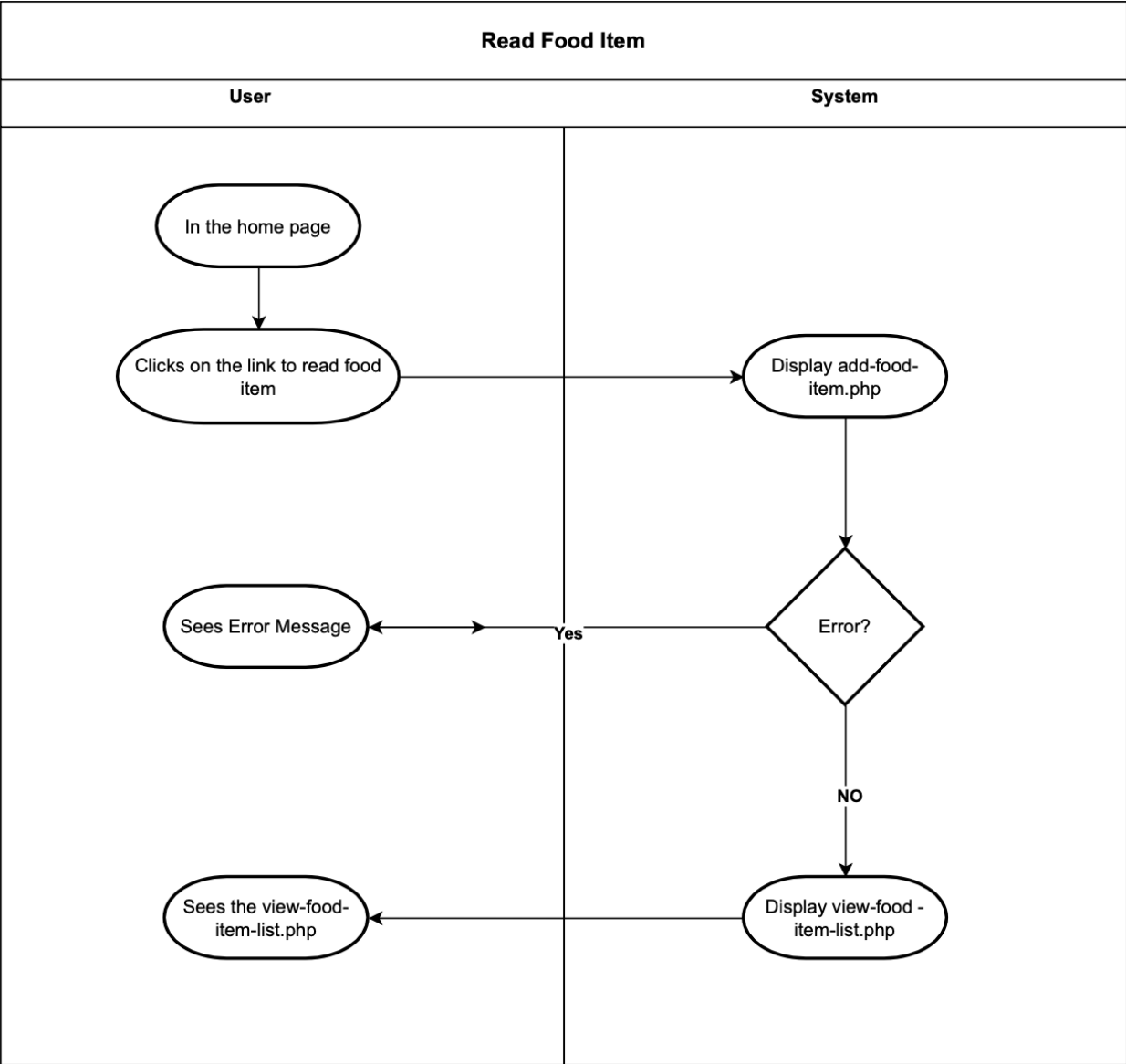
Description:



Customer Rating

Review Item

Cancel



## 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.	



Edit Food Item

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

Edit/Delete Food Item




Image File

Food Item Name:

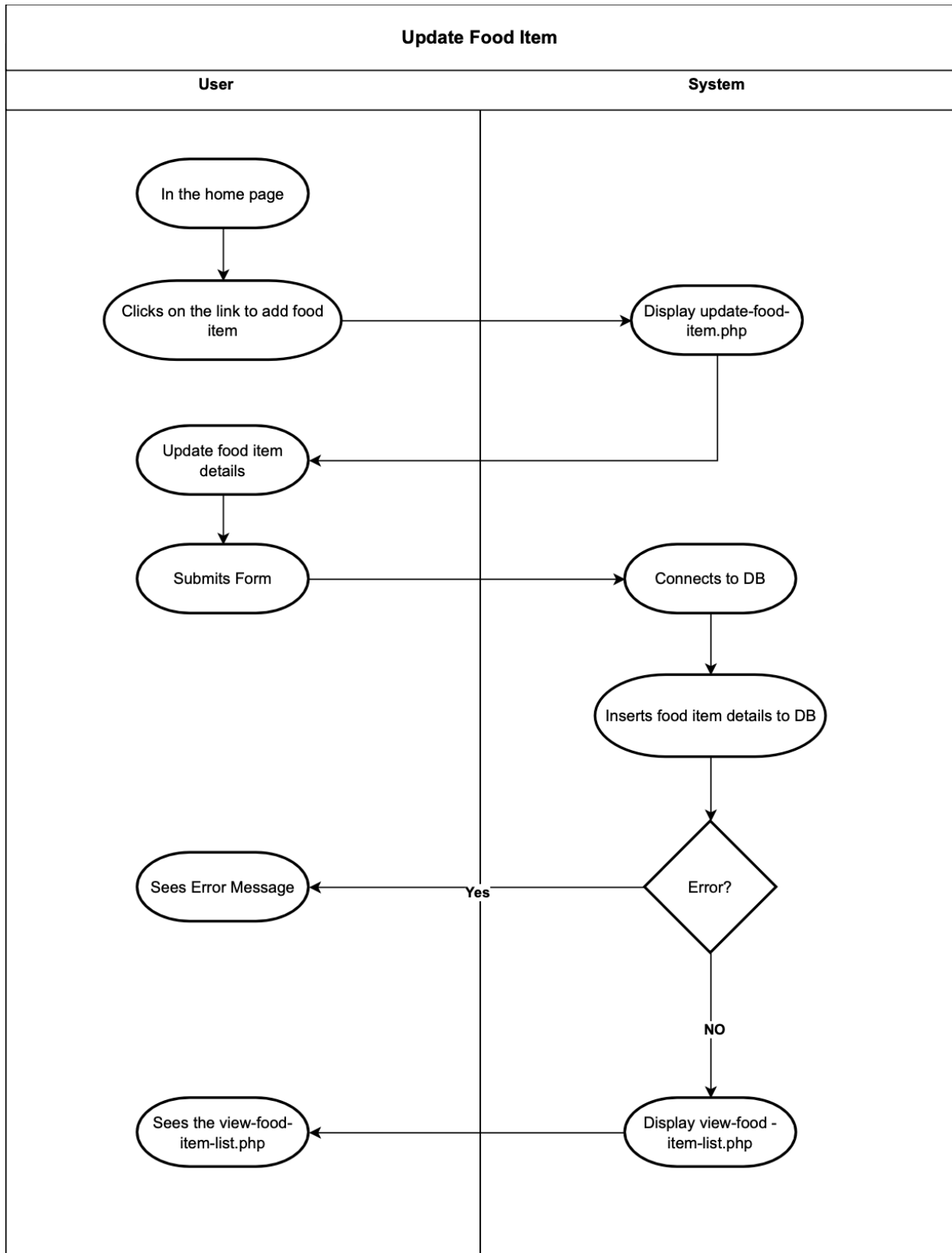
Description:

Customer Rating

Save

Delete Item

Cancel



## 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.	

Edit Food Item

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

Edit/Delete Food Item




Image File

Food Item Name:

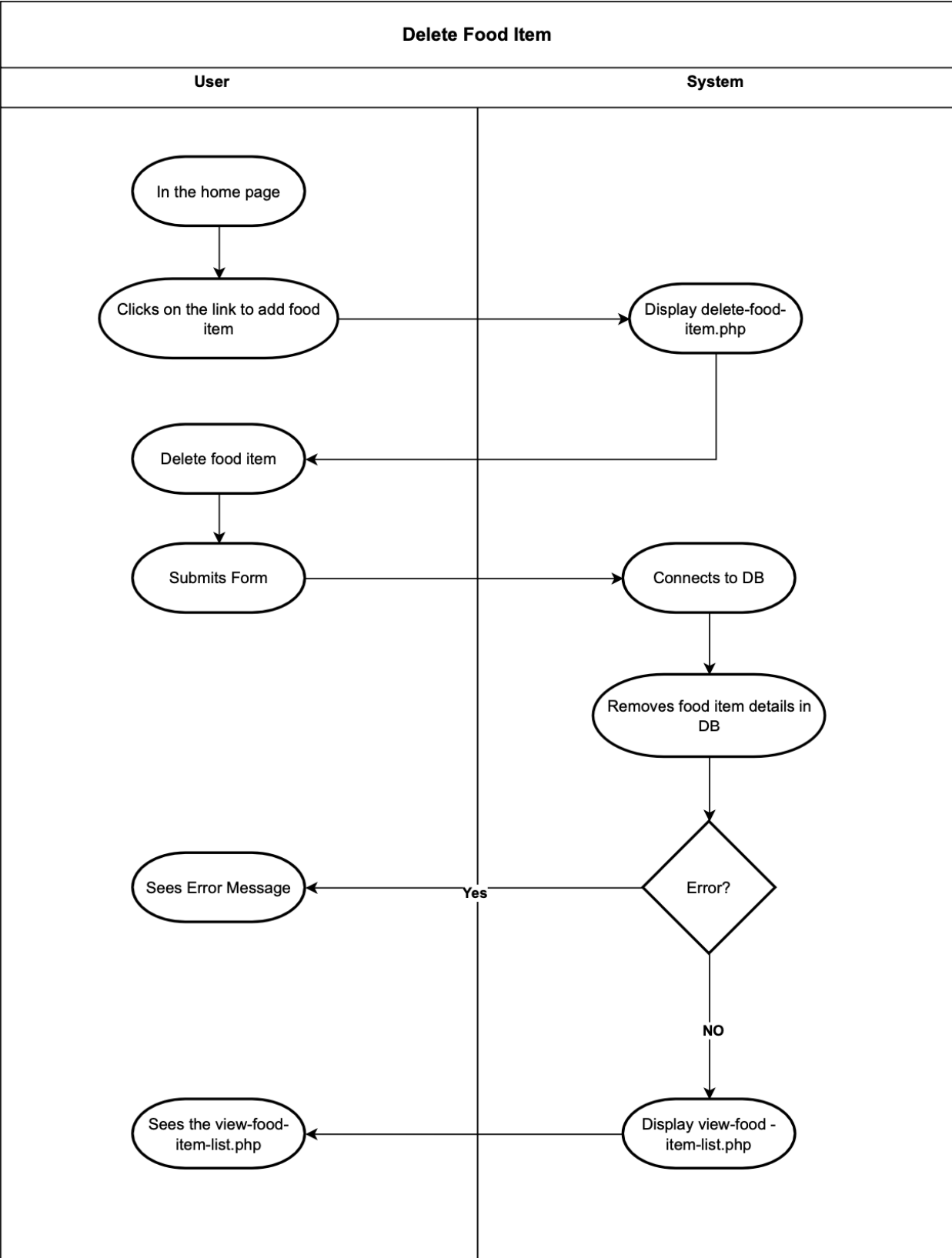
Description:

Customer Rating

Save

Delete Item

Cancel



## 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.	

Create Account

◀ ▶ ↻

📄

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

Create Your Account

Username:

Password:

Account Type:

Submit

CREATE  
USERNAME/PASSWORD

USER

SYSTEM

User in create  
account page

User clicks button to  
submit form

Connect to database

Adds new user data  
into User table

See Error Message

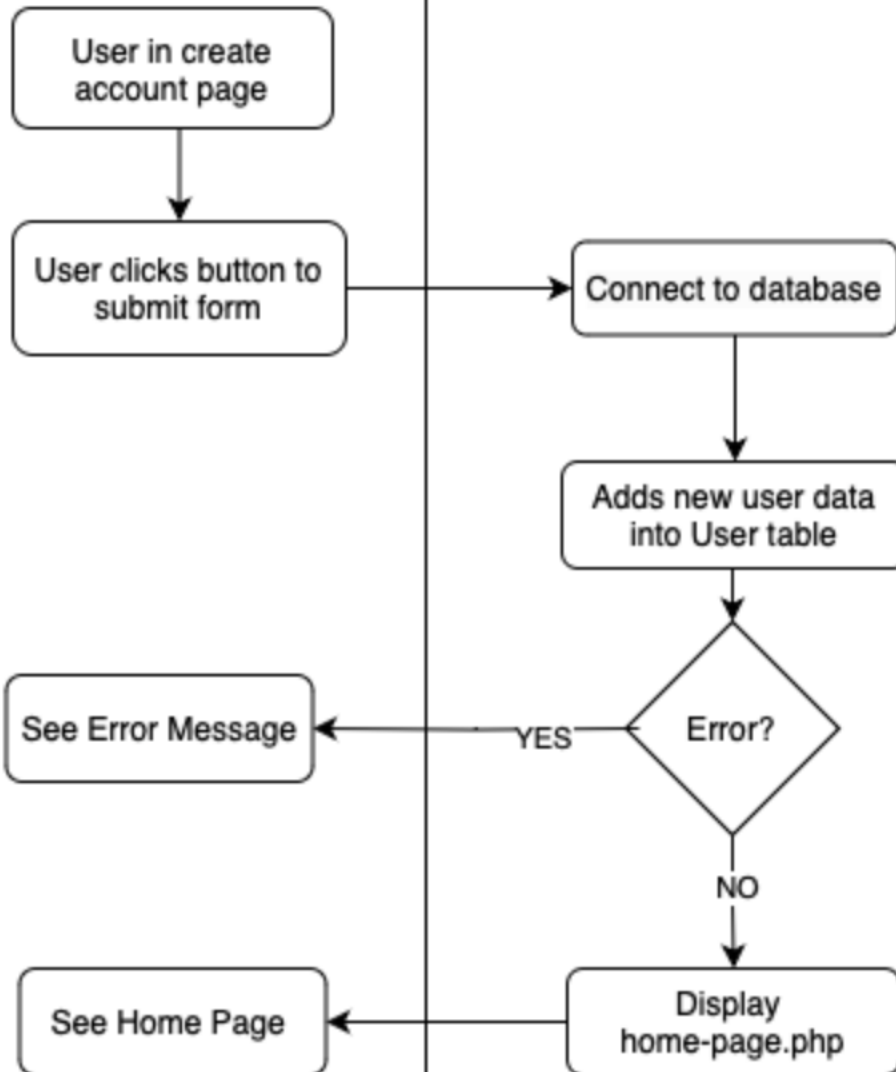
Error?

YES

NO

See Home Page

Display  
home-page.php





## 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.	

Update Account

◀ ▶ ↻

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

## Update Information

Username:

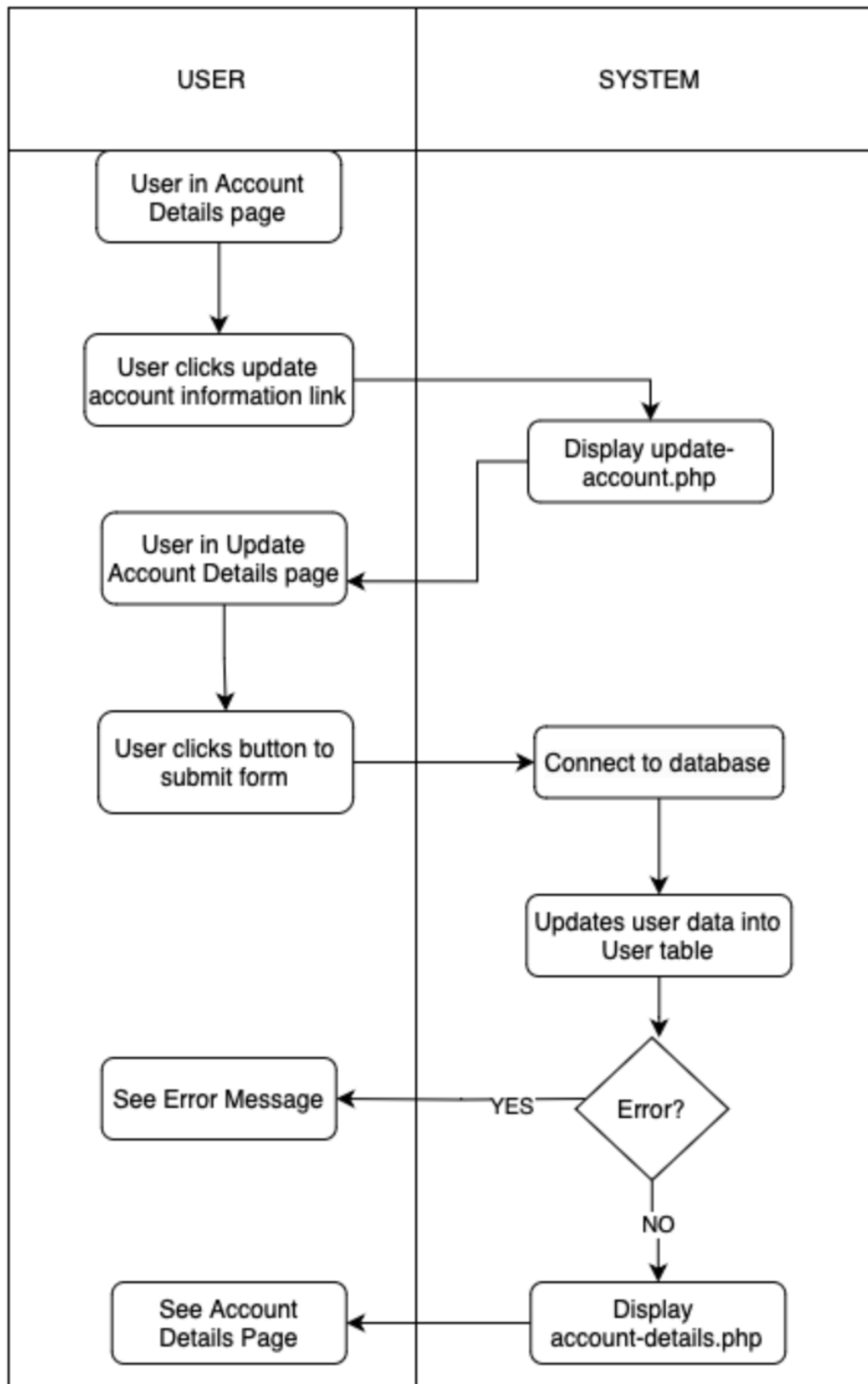
Password:

Account Type:

Update

DELETE USER

UPDATE  
USERNAME/PASSWORD



## 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.	

Create Account

◀ ▶ ↻

📄

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

Create Your Account

Username:

Password:

Account Type:

Submit

CREATE  
USERNAME/PASSWORD

USER

SYSTEM

User in create  
account page

User clicks button to  
submit form

Connect to database

Adds new user data  
into User table

See Error Message

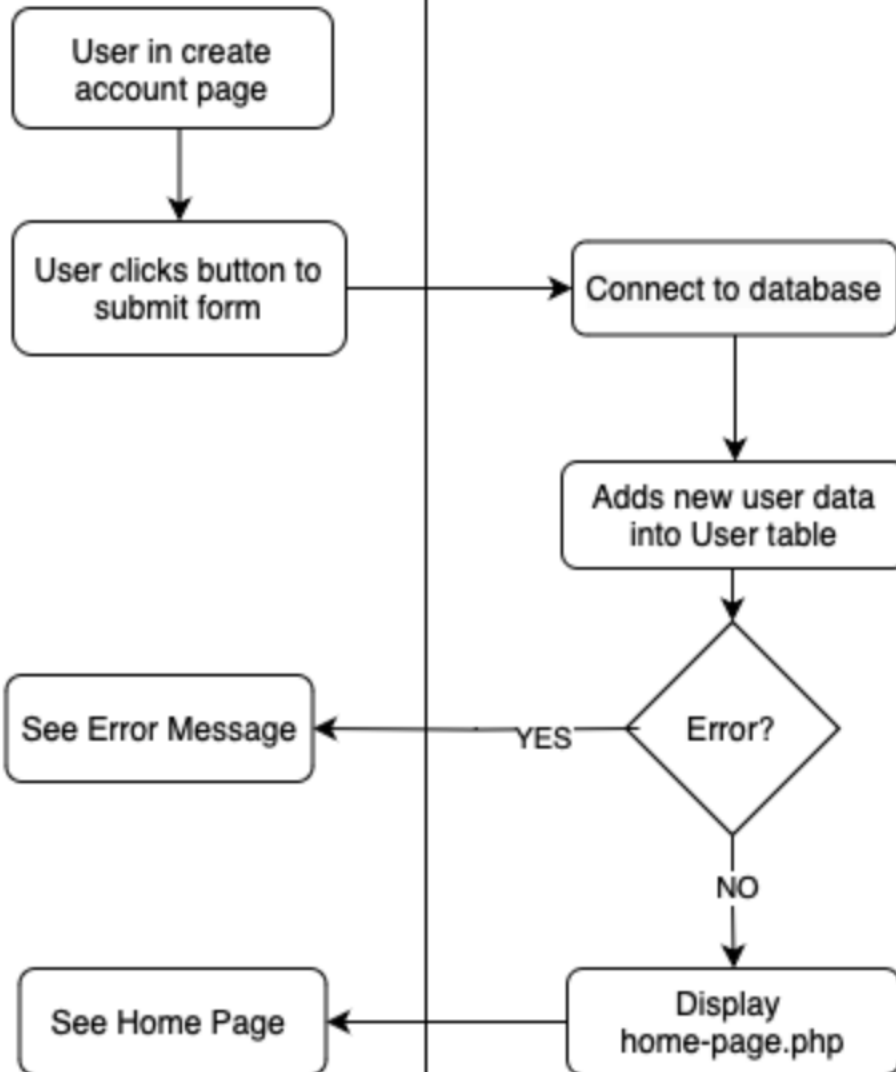
Error?

YES

NO

See Home Page

Display  
home-page.php



## 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.	

Update Account

◀ ▶ ↻

📄

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

## Update Information

Username:

Password:

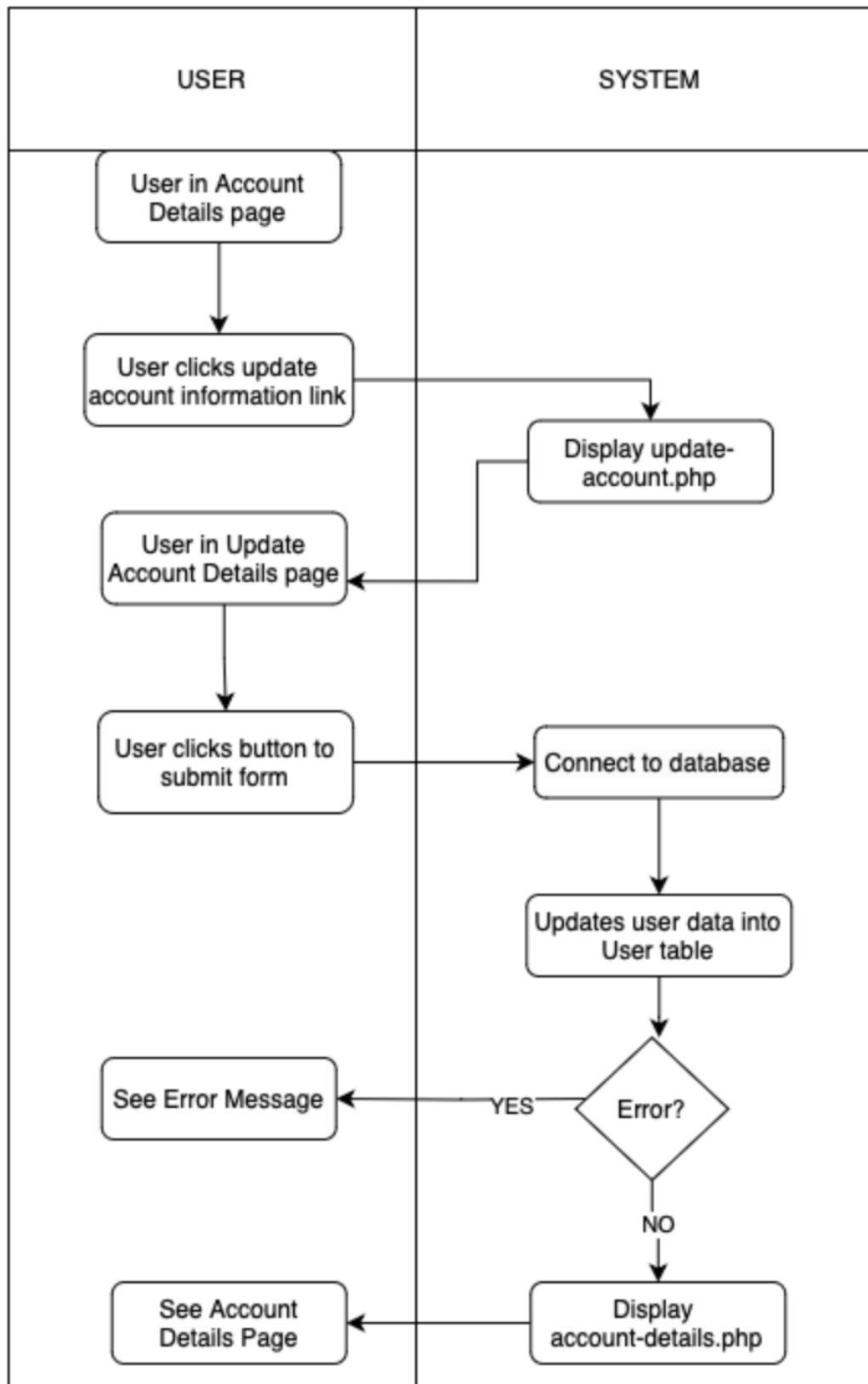
Account Type:

Update

DELETE USER



UPDATE  
USERNAME/PASSWORD



## 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.	

Delete Account

← → ↻

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

## Update Information

Username:

abcd.efg

Password:

\*\*\*\*\*

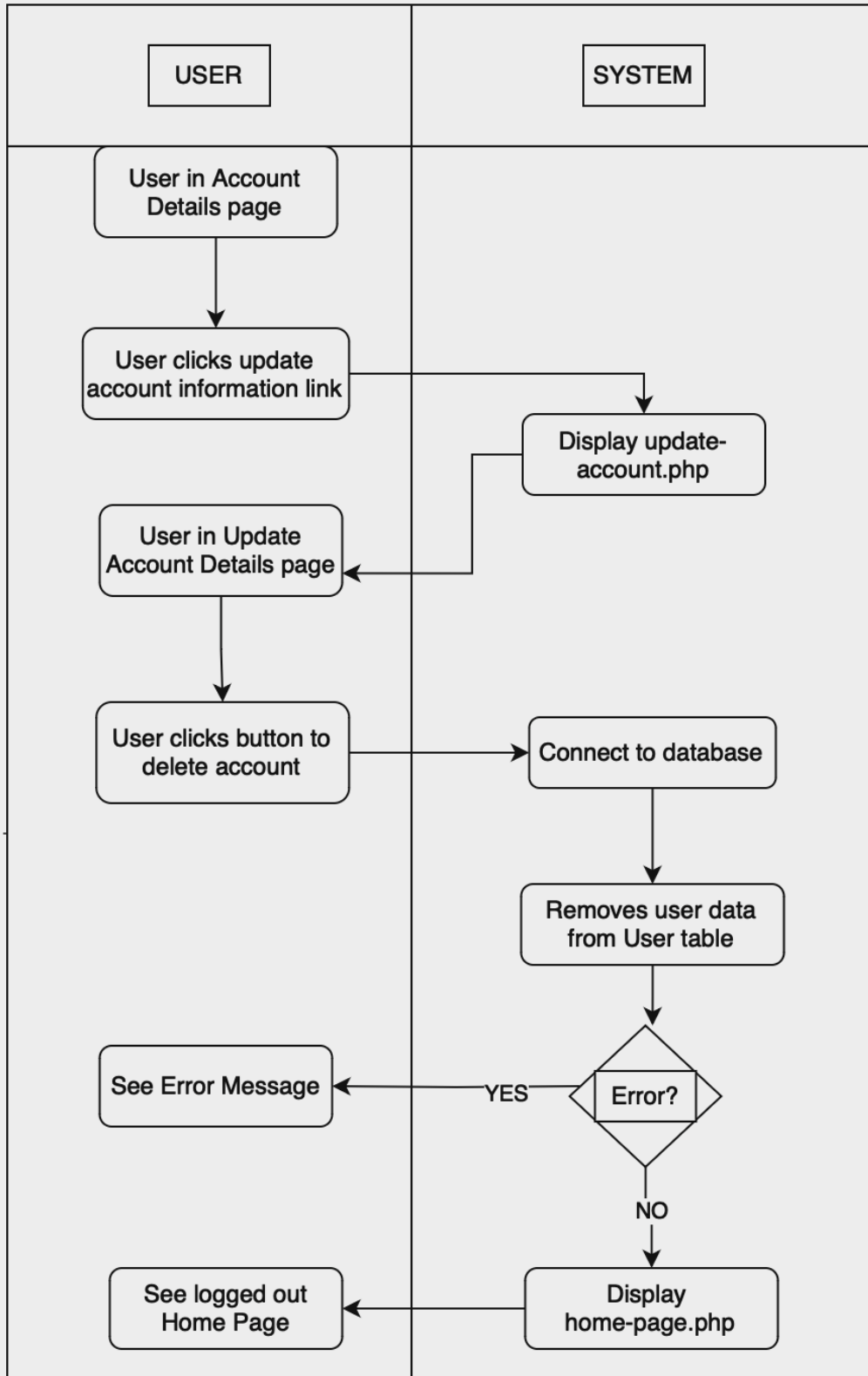
Account Type:

Member

Update

DELETE USER

## DELETE USER



## 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.	

Add review

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

## Your review for Pepperoni pizza

Select a rating:

☆

☆

☆

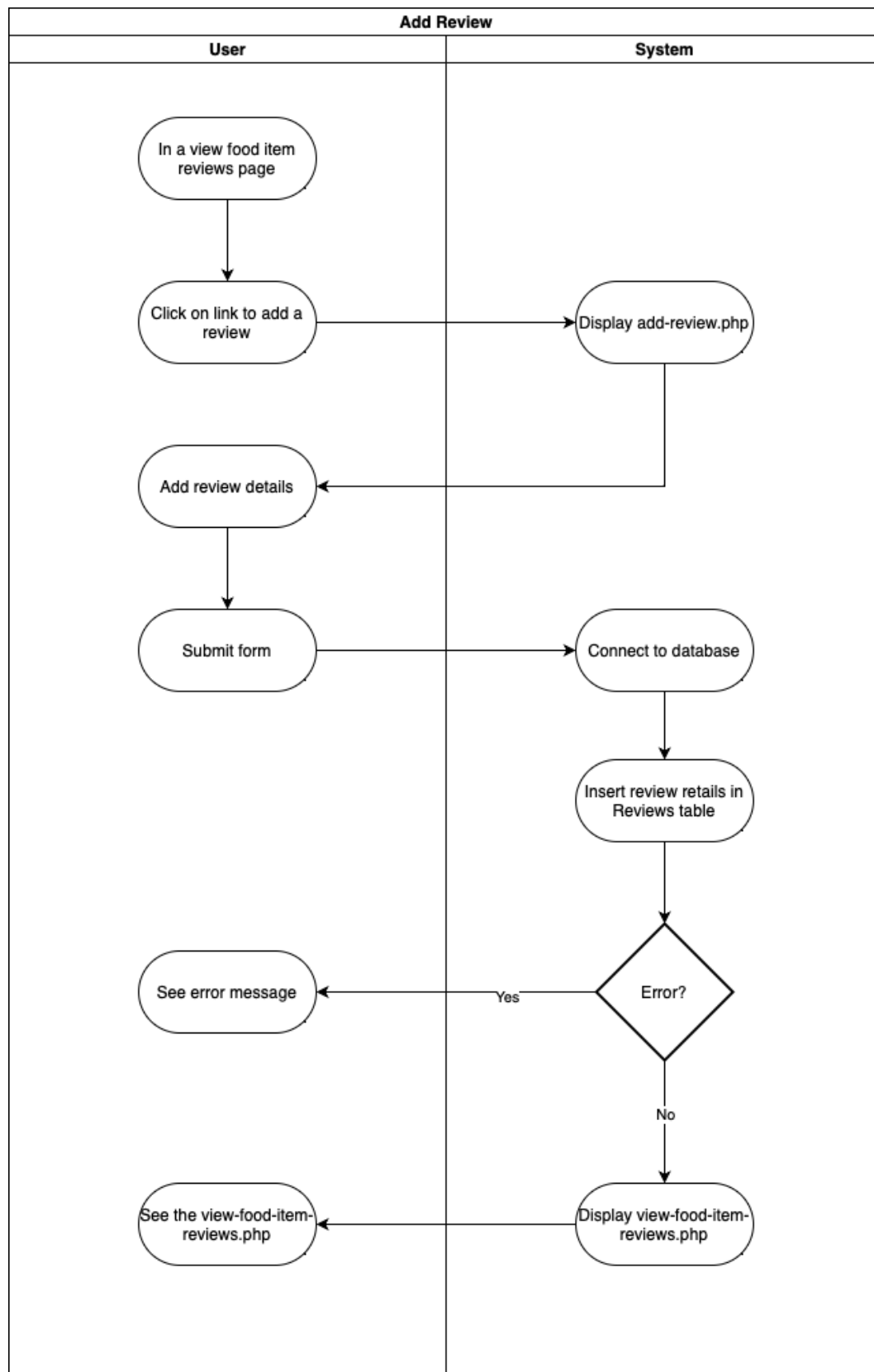
☆

☆

Review title:

Review description:

Submit



## 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	
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.	



Update review

← → ↺

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

## Your review for Pepperoni pizza

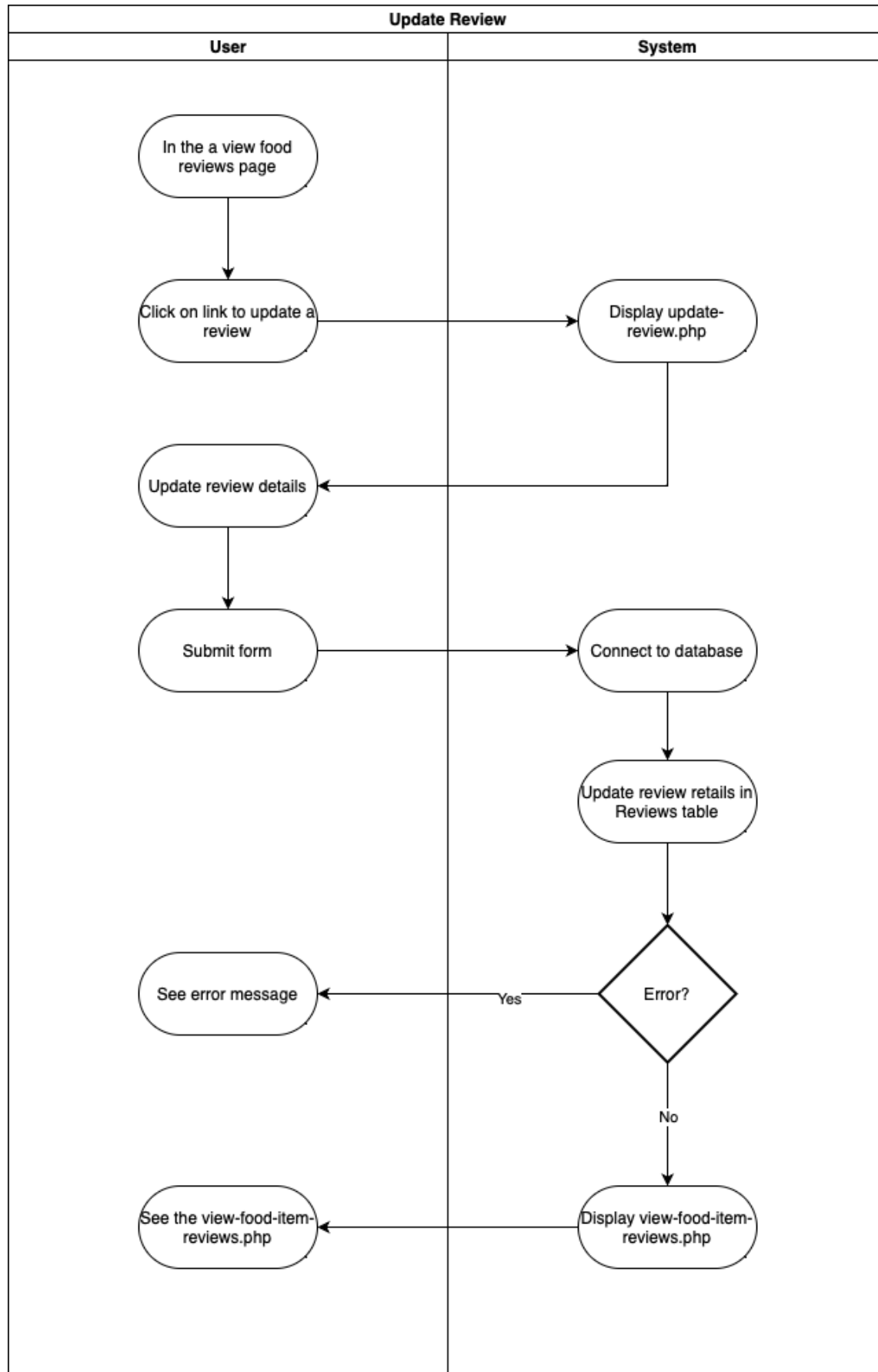
Select a rating:

☆ ☆ ☆ ☆ ☆

Review title:

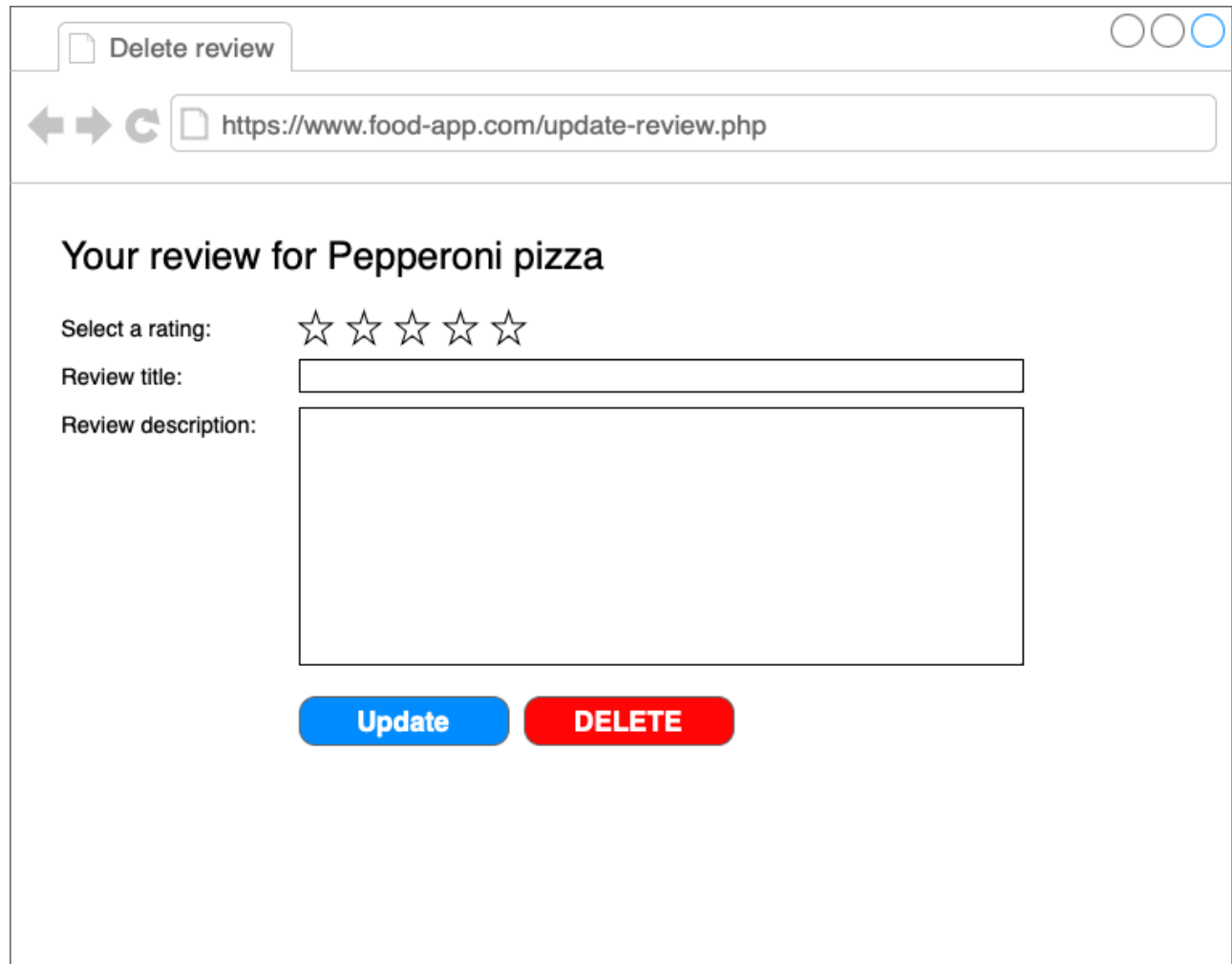
Review description:

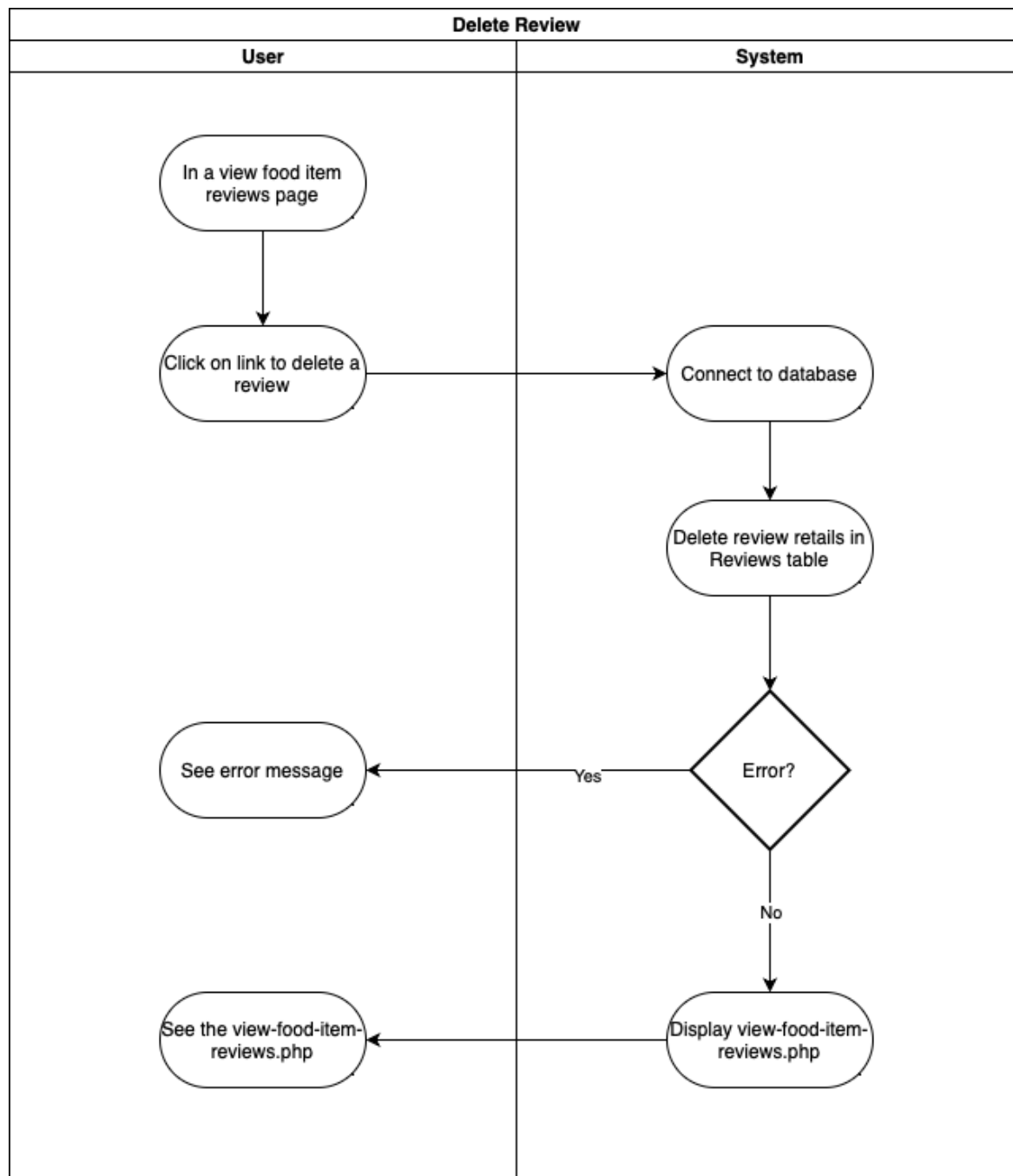
Update



## 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.	





## 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.	

View reviews

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]

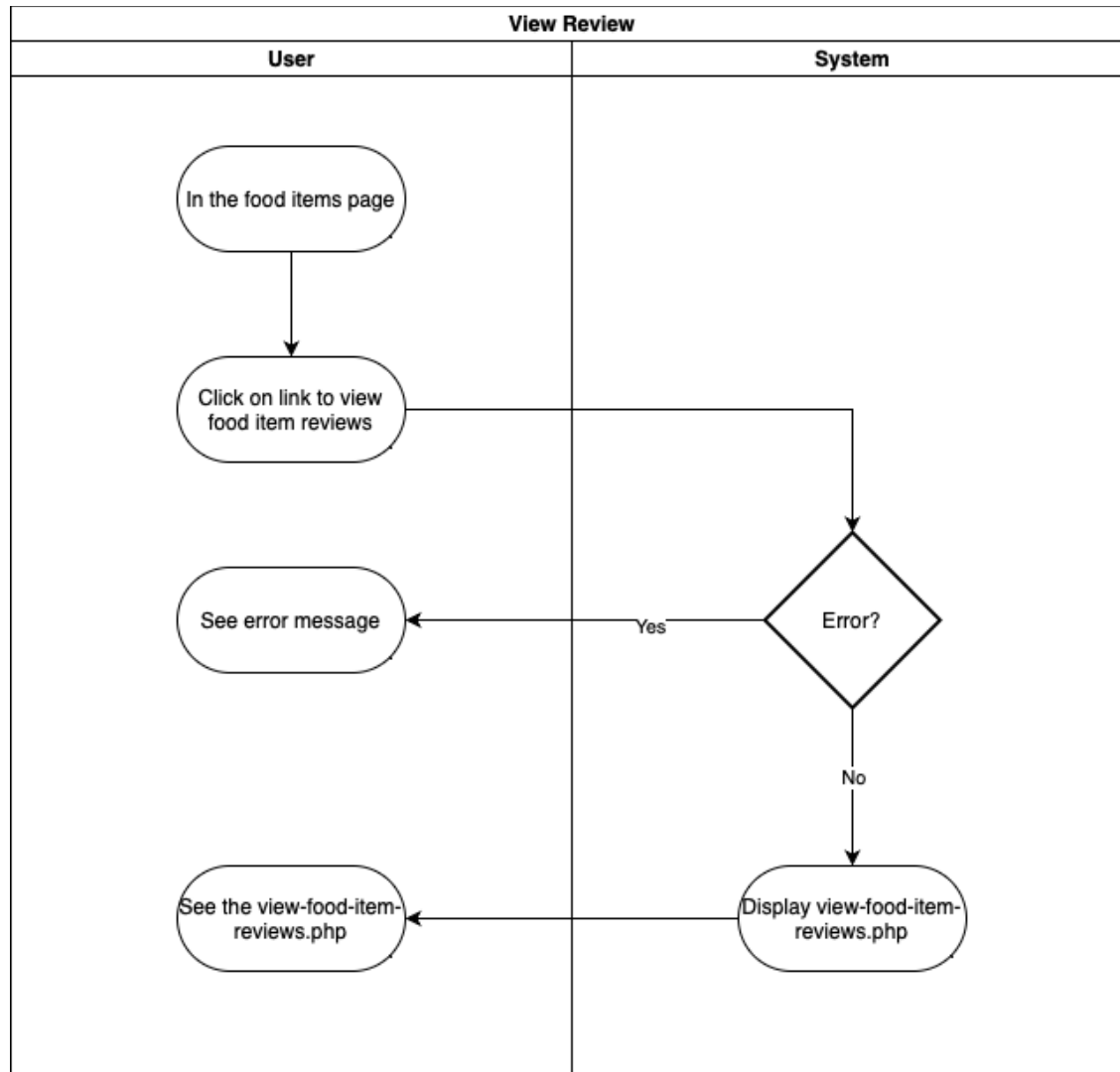
**Not enough spinach**  
I yam what I yam an' tha's all I yam

**Popeye**  
Sweethaven

[Update review]

[Delete review]

Add a review

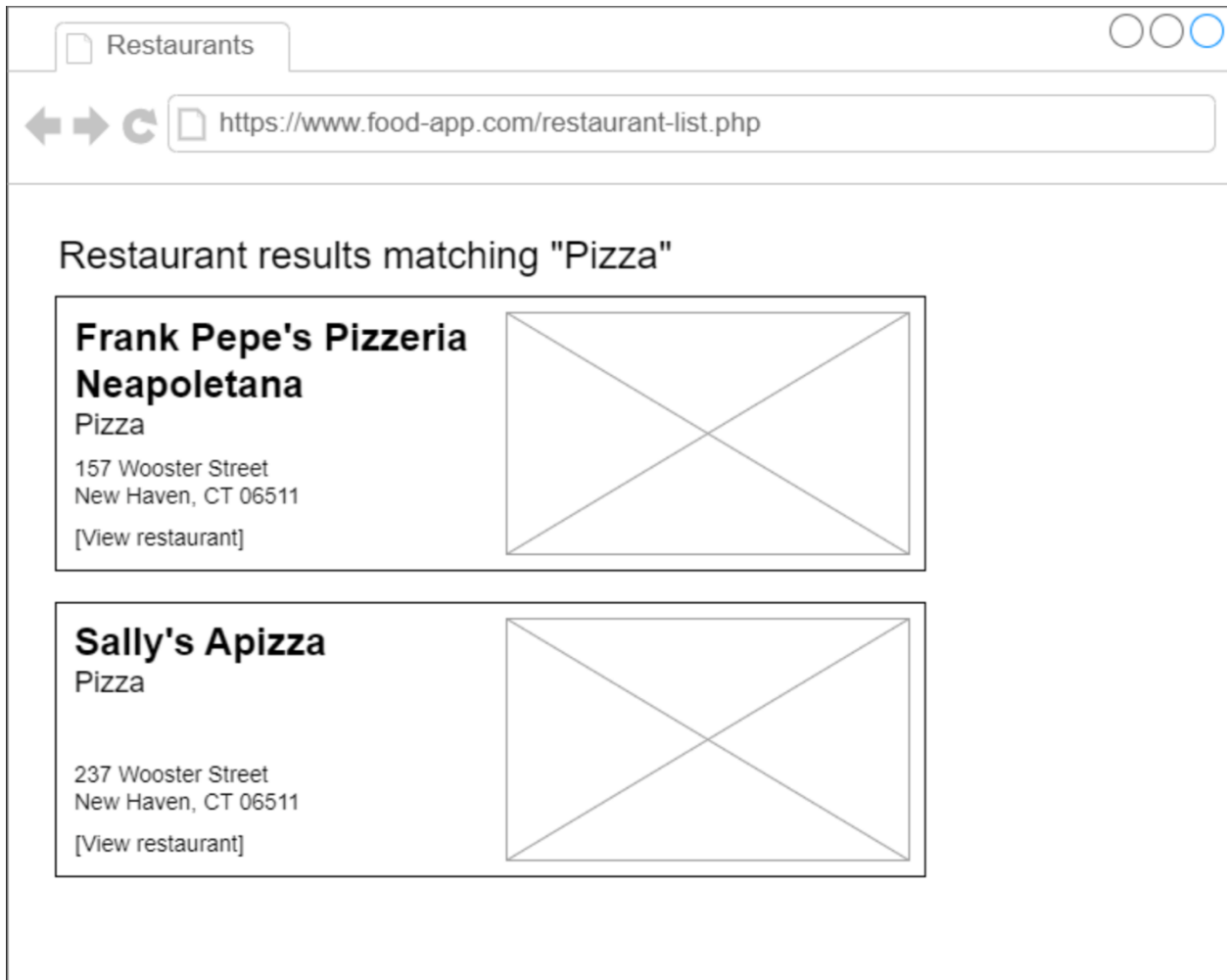


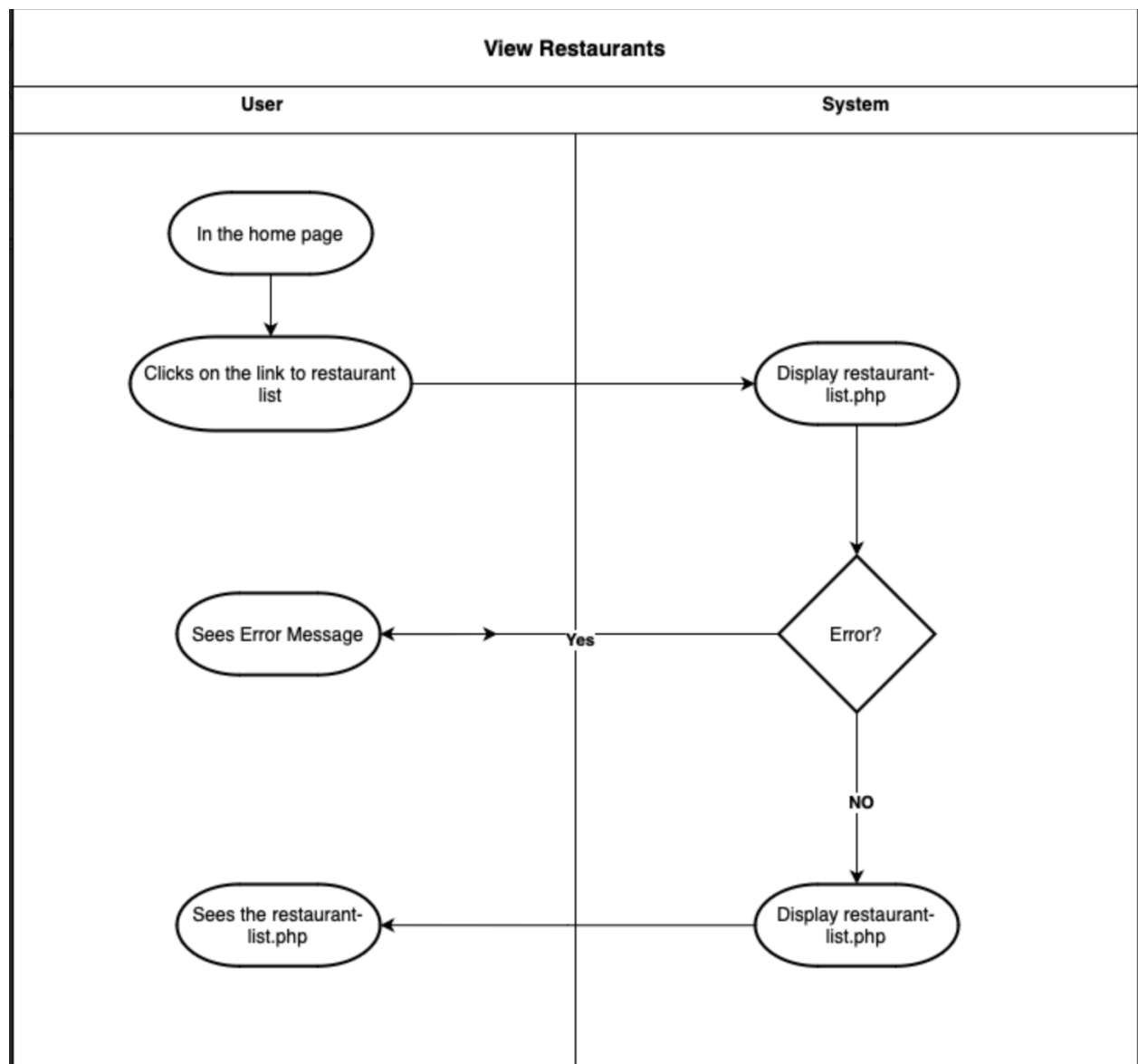


# Restaurant Management

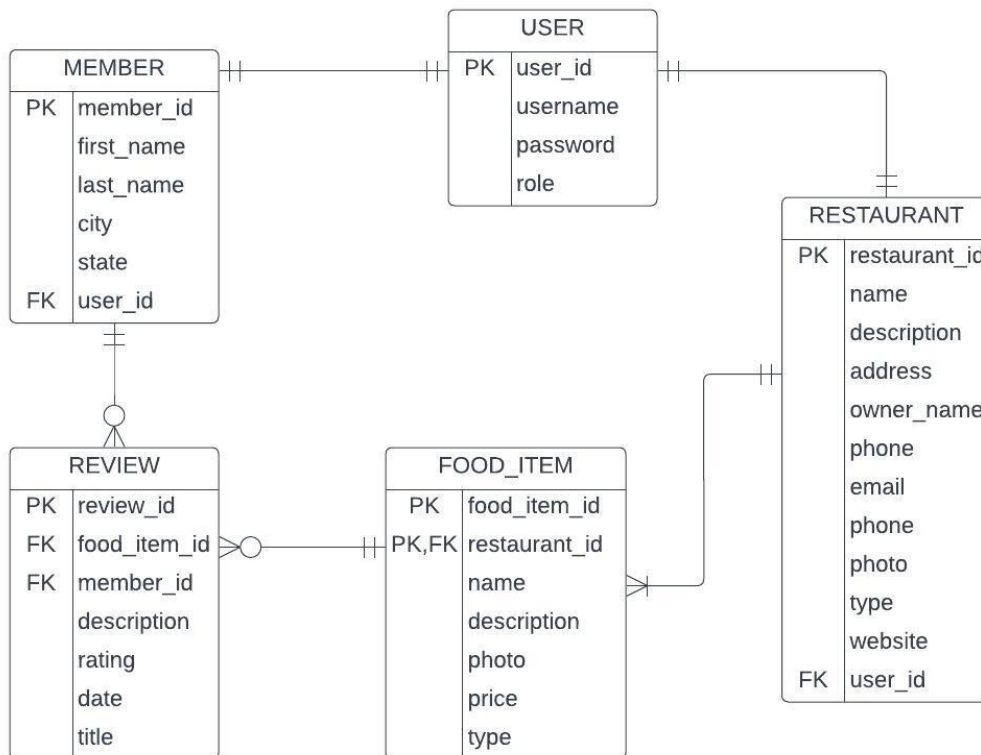
## VIEW RESTAURANTS

Use Case	View Restaurant List	
Objective	View list of available restaurants	
Business Event	View restaurants in the system	
Primary Actor (s)	Member, Restaurant, Admin	
Secondary Actor (s)	None	
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.	





## Entity Relationship Diagram



## 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.