

TechBrew Cafe – Project Report

Description:

TechBrew Cafe is a fictional e-commerce café platform where users can view the menu, place orders online, and leave feedback via a contact form. The goal was to build a responsive, minimal, and dynamic cafe site with a functioning cart and backend order management.

Why We Did This Project:

We chose to build TechBrew Cafe to apply database and full-stack web development concepts learned during our course. It also reflects a real-world use case that combines database integration, UI/UX principles, and server-side scripting.

Tools & Technologies Used:

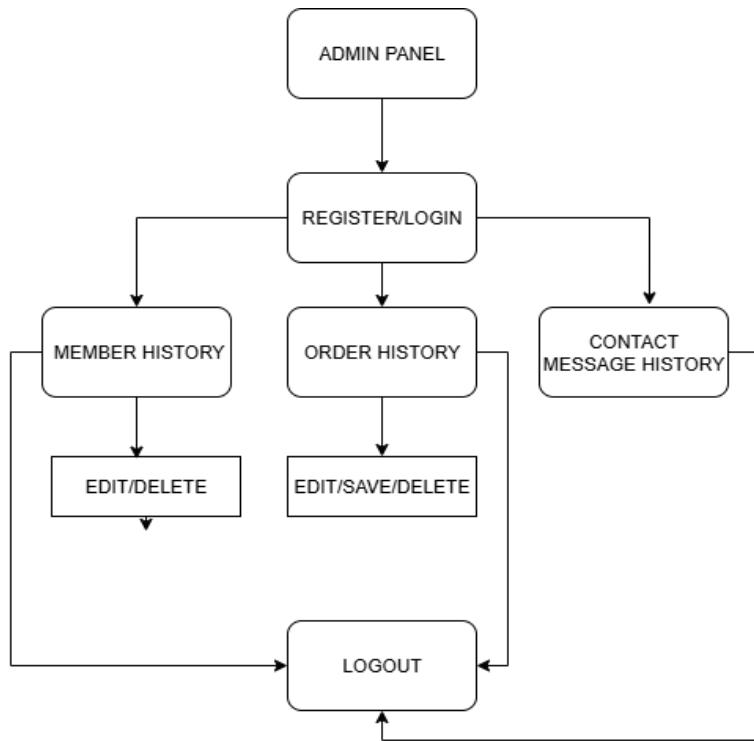
- HTML
- CSS (Tailwind)
- JavaScript
- PHP
- MySQL
- XAMPP
- Git + GitHub

Development Process:

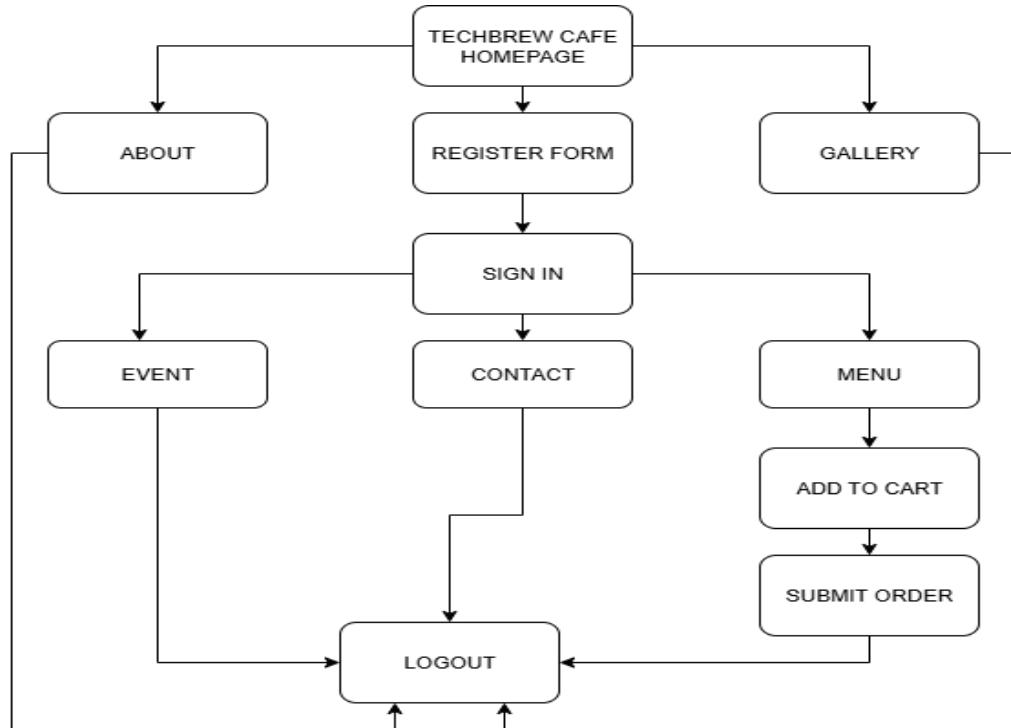
1. Design Planning: Drafted ER diagrams and data models.
2. Frontend: Used Tailwind CSS for a sleek and responsive UI.
3. Backend: Implemented cart functionality, registration(add/delete/save), order(update/delete) in PHP.
4. Database: Used MySQL with tables like `orders`, `messages` 'users ', 'contact'.
5. Version Control: Pushed the full project to GitHub.

System Flowchart

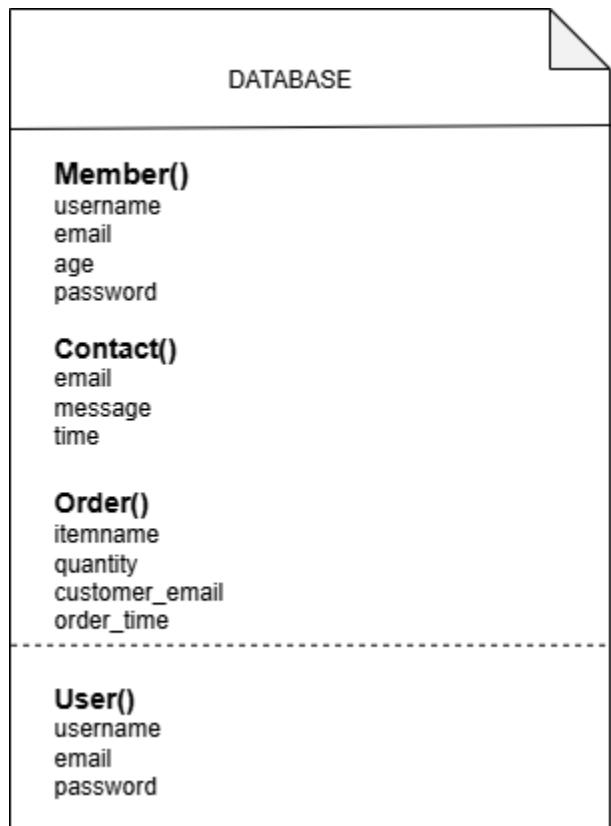
ADMIN-



CUSTOMER-



DATABASE-



■ Key Screenshots:

The screenshot shows a registration form titled "Admin Registration". The URL in the address bar is "localhost/php-admin panel-main/registration.php". The form fields are:

- Username:
- Email:
- Password: (eye icon)
-

Below the form, a link says "Already have an account? [Login here](#)".

Login

Username or Email:

Password:

Don't have an account? [Register here](#)

localhost/php-admin-panel-main/index.php

Admin Panel

ilhomjonov Iqbolshoh

- Dashboard
- Home
- Settings
- User Management
- Register New User
- Logout

Home

150 New Orders

44 User Registrations

150 View Messages From Customers

Dashboard / Home

TechBrew C@fe'

About Events Contact Gallery Logout

Just Brew It at the C@fe!

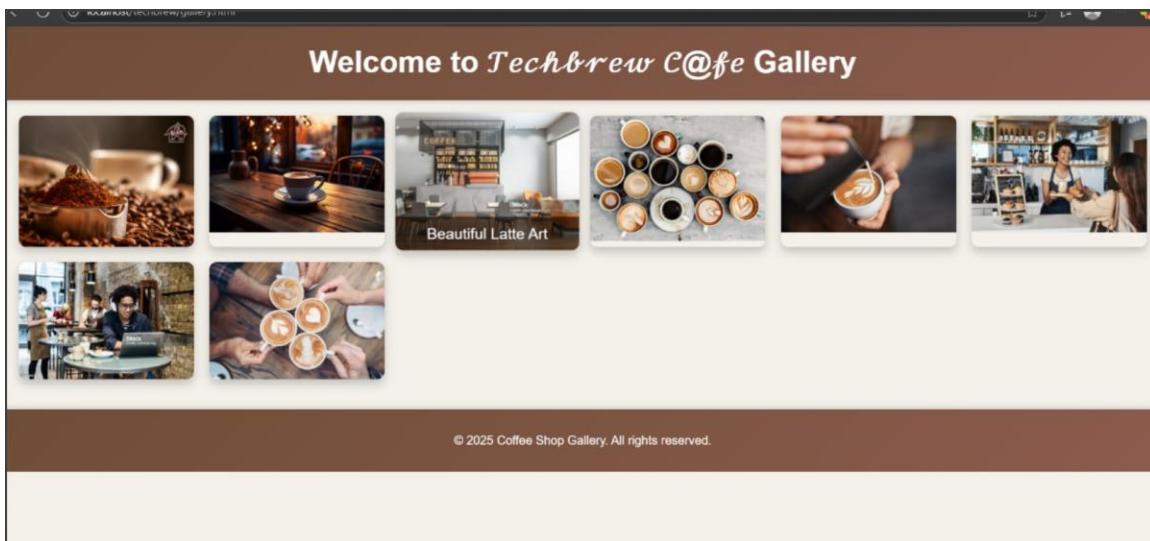
Welcome to TechBrew C@fe.

Where coffee meets community and learning.

Our mission is to blend the warmth of a cafe with the excitement of lifelong education. Whether you're here to learn, share, or relax, this is your hub for creativity and growth. Let's brew something amazing together!

[Order Now](#)

[Facebook](#) [Instagram](#) [Twitter](#)



Tech Brew Menu

COFFEE AND DRINKS

Cappuccino

Latte

Espresso

Cold Brew

Mocha

Add to Cart - \$4.50

Add to Cart - \$5.00

Add to Cart - \$3.00

Add to Cart - \$4.00

This screenshot shows the "Tech Brew Menu" page. The background features a photograph of a rustic wooden interior. The title "Tech Brew Menu" is at the top, followed by "COFFEE AND DRINKS". Below this, there are four main menu items: "Cappuccino", "Latte", "Espresso", and "Cold Brew", each with a small image and an "Add to Cart" button. Below these are two additional items: "Mocha" with an image and an "Add to Cart" button.

Your Cart

Cappuccino
\$4.50

Total: \$4.50

Proceed to Payment

This screenshot shows the "Your Cart" page. It features a purple-to-orange gradient background. The title "Your Cart" is at the top. Inside a white box, there is a list of items: "Cappuccino" with a price of "\$4.50". To the right of the list are quantity controls (minus, plus, and a current value of 1). Below the list is a total amount of "Total: \$4.50". At the bottom is a large brown button labeled "Proceed to Payment".

The screenshot shows the phpMyAdmin interface for the 'techbrew' database. The left sidebar lists databases and schemas. The main area displays a table of tables with columns for Action, Rows, Type, Collation, Size, and Overhead. The 'contact_messages' table is highlighted.

Table	Action	Rows	Type	Collation	Size	Overhead
contact_messages	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 Kib	-
event	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 Kib	-
events	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 Kib	-
members	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 Kib	-
orders	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 Kib	-
users	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 Kib	-
6 tables	Sum	9	InnoDB	utf8mb4_general_ci	96.0 Kib	0 B

Create new table

Table name:
Number of columns:

Conclusion:

This project helped reinforce skills in full-stack web development, particularly how frontend and backend connect using a database layer. It also showcases how to create user-friendly e-commerce solutions.