

1. ER Diagram:

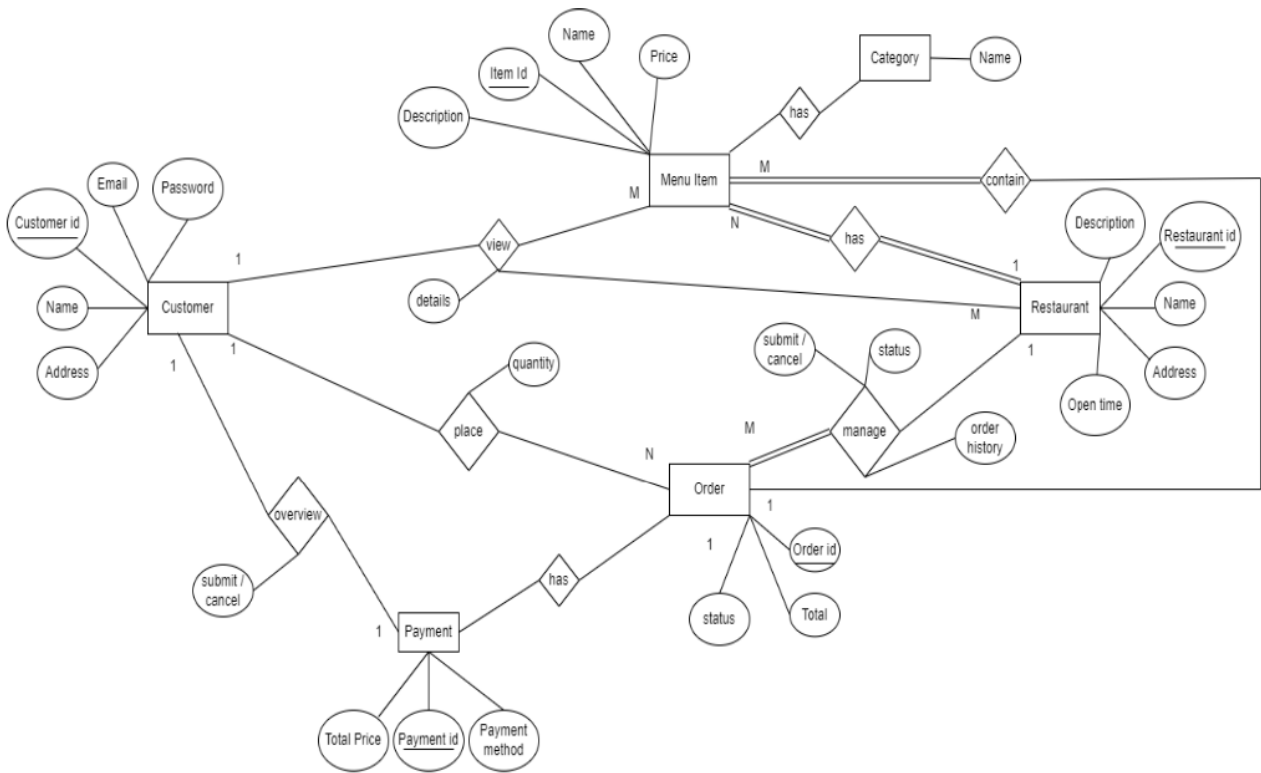


Figure 1.1: ER Diagram

2. Software Stack:

2.1 Frontend (HTML, CSS, JS):

- Responsible for the user interface and user experience.
- Allows users to interact with the website, view menu items, and place orders.

2.2 Backend (Node.js):

- Handles business logic, processes user requests, and communicates with the database.
- Generates dynamic content for the frontend based on user interactions.
- Node.js is chosen as the backend technology, indicating that server-side

JavaScript is used for handling server operations.

2.3 Database (SQLite):

- Stores data related to restaurant food items, orders, and user information.

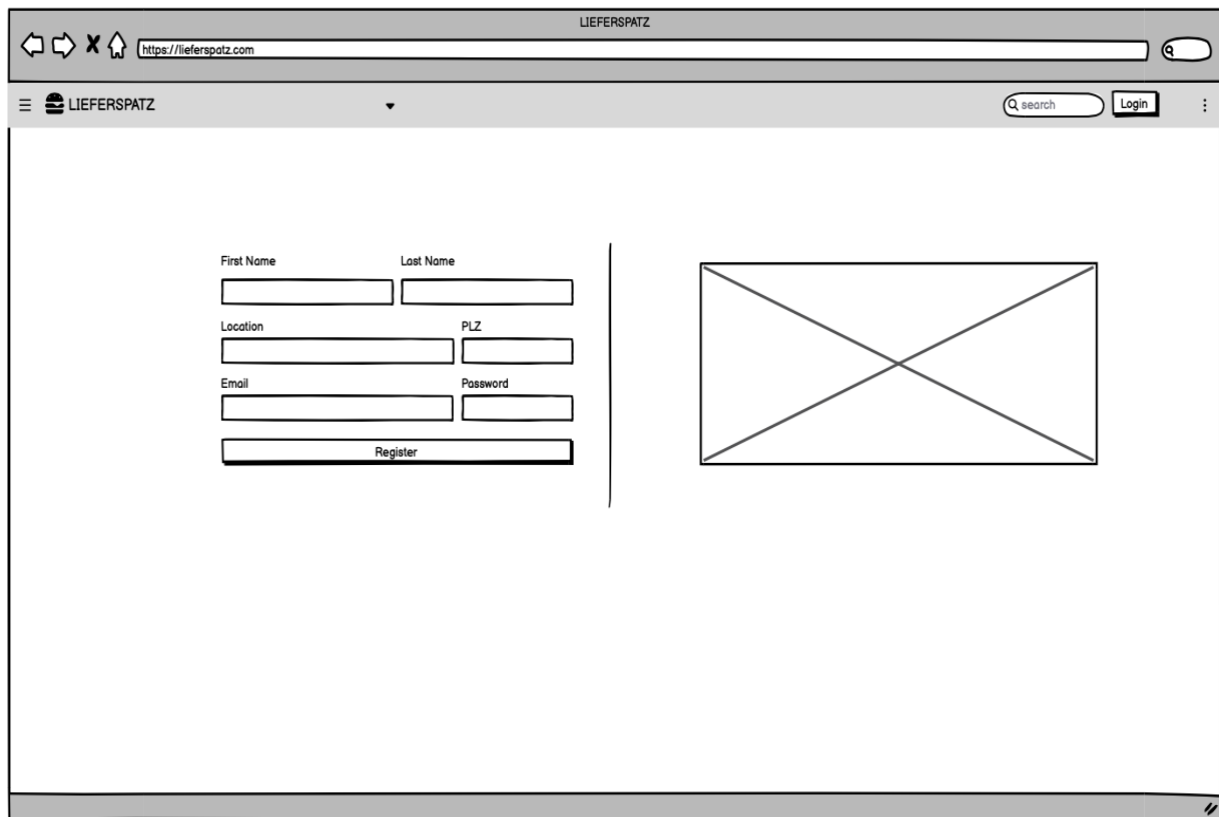
2.4 Server (XAMPP Localhost):

- Provides a local server environment for testing and development.
- XAMPP is a cross-platform web server solution that includes Apache, MySQL

(or SQLite in our case), PHP, and Perl.

- Emulates the server setup used in a production environment, allowing developers to test and develop their application locally.

3.UI Wireframes:




The wireframe depicts a web browser window for the website "LIEFERSPATZ". The browser's address bar shows the URL "https://lieferspotz.com". The website's header includes the "LIEFERSPATZ" logo, a search bar with the placeholder "search", and a "Login" button. The main content area is divided into two sections by a vertical line. On the left is a registration form with the following fields: "First Name", "Last Name", "Location", "PLZ", "Email", and "Password". Each field is represented by a rectangular input box. Below these fields is a "Register" button. On the right side of the page is a large rectangular placeholder box with a diagonal 'X' inside, indicating where an image or graphic will be placed.

Figure 3.1: Registration Page

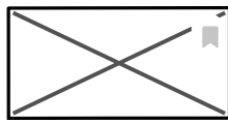
Are you starving?

Within a few clicks, find meals that are accessible near you ...

 Enter your location

Find food

Popular Near You

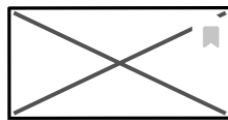


Restaurant Title

 Type
25-35 mins
\$3.49 delivery



ratings

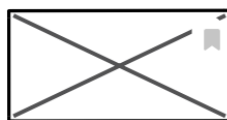


Restaurant Title

 Type
25-35 mins
\$3.49 delivery



ratings

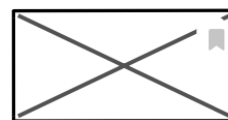


Restaurant Title

 Type
25-35 mins
\$3.49 delivery



ratings



Restaurant Title

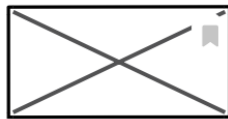
 Type
25-35 mins
\$3.49 delivery



ratings

45 Minutes or Less

[See all](#)

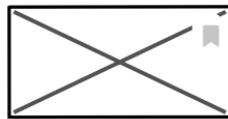


Restaurant Title

 Type
25-35 mins
\$3.49 delivery



ratings

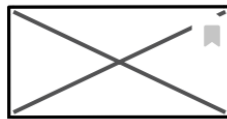


Restaurant Title

 Type
25-35 mins
\$3.49 delivery



ratings

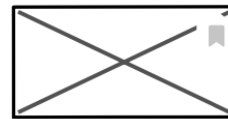


Restaurant Title

 Type
25-35 mins
\$3.49 delivery



ratings



Restaurant Title

 Type
25-35 mins
\$3.49 delivery



ratings

See more

Figure 3.2: Home Page

LIEFERSPATZ

Q Restaurants

X

Hi, Abul Kashem

Restaurant Title

Hfr

★★★★★

123 ratings

1.00 mi • Closed. Next pickup at 11:30am.

Restaurant Title

Hfr

★★★★★

123 ratings

1.00 mi • Closed. Next pickup at 11:30am.

Restaurant Title

Hfr

★★★★★

123 ratings

1.00 mi • Closed. Next pickup at 11:30am.

Restaurant Title

Hfr

★★★★★

123 ratings

1.00 mi • Closed. Next pickup at 11:30am.

Restaurant Title

Hfr

★★★★★

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Hfr

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Restaurant Title

Hfr

★★★★★

123 ratings

1.00 mi • Closed. Next pickup at 11:30am.

Restaurant Title

Hfr

★★★★★

123 ratings

1.00 mi • Closed. Next pickup at 11:30am.

Figure 3.3: Search Page




Restaurant Name




Address






Open/Close



Main Dish

Food Item		
Price		



Food Item		
Price		



Drinks

Food Item		
Price		

Food Item		
Price		

Dessert

Food Item		
Price		

Food Item		
Price		

Order

Figure 3.4: Menu Page

Main Dish	Price	Quantity

Drinks	Price	Quantity

Dessert	Price	Quantity

-
-
-
-
-

Total Amount:

Order Item	
Estimate Delivery Time:	
Delivery Status:	
Total:	

Figure 3.5: Order Page