



الجامعة الإسلامية العالمية شيتاغونغ
International Islamic University Chittagong

LAB REPORT

COURSE CODE : CSE-3523

COURSE TITLE : Tools and Technologies for internet
programming

EXPERIMENT NAME : YumHub Food Sharing Platform

SUBMITTED TO :

SARA KARIM

Adjunct Lecturer, Depart. Of CSE, IIUC

SUBMITTED BY :

NAME : AFIA MORSHED AFRAH

ID NO : C231541

NAME : ASFIA RASHID

ID NO :C231545R

NAME : RUBIYA EASMIN

ID NO : C231518

:

Project Name : YumHub Food Sharing Platform



What am I doing in this project?

Food Sharing Platform :

- ✓ Building a food sharing system.
- ✓ Reducing food waste through donation.
- ✓ Community-based food distribution.
- ✓ Real-time food availability tracking.

Key Features :

- ✓ User authentication system
- ✓ Food addition and management
- ✓ Food request system
- ✓ Search and filter functionality

✓ User dashboard

Why am I doing this?

Why am I doing this?

Social Purpose:

- ✓ Reduce food waste
- ✓ Food security for underprivileged
- ✓ Community support system
- ✓ Environmental protection

Technical Goals :

- ✓ Modern web development skills
- ✓ Full-stack development experience
- ✓ Database management
- ✓ User interface design

What tools am I using?

Frontend Technologies:

- ✓ React JS
- ✓ Tailwind CSS
- ✓ React Router DOM
- ✓ Firebase Auth
- ✓ Axios
- ✓ React Icons
- ✓ Framer Motion
- ✓ Lottie React
- ✓ SweetAlert2
- ✓ React Hot Toast
- ✓ Swiper
- ✓ React Modal
- ✓ React Helmet

Backend Technologies:

Server-side Technologies :

- ✓Node.js
- ✓Express.js
- ✓ MongoDB
- ✓Firebase
- ✓RESTful APIs
- ✓ JWT
- ✓ CORS
- ✓Middleware

What am I doing in Frontend?

User Interface :

- ✓ Responsive design with Tailwind CSS
- ✓ Interactive components with React
 - ✓ Smooth animations with Framer Motion
- ✓ Modern UI/UX design

Functionality:

- ✓ User authentication flow
 - ✓ Dynamic food listings
 - ✓ Search and filter system
 - ✓ User dashboard
- ✓ Real-time notifications

What am I doing in Backend?

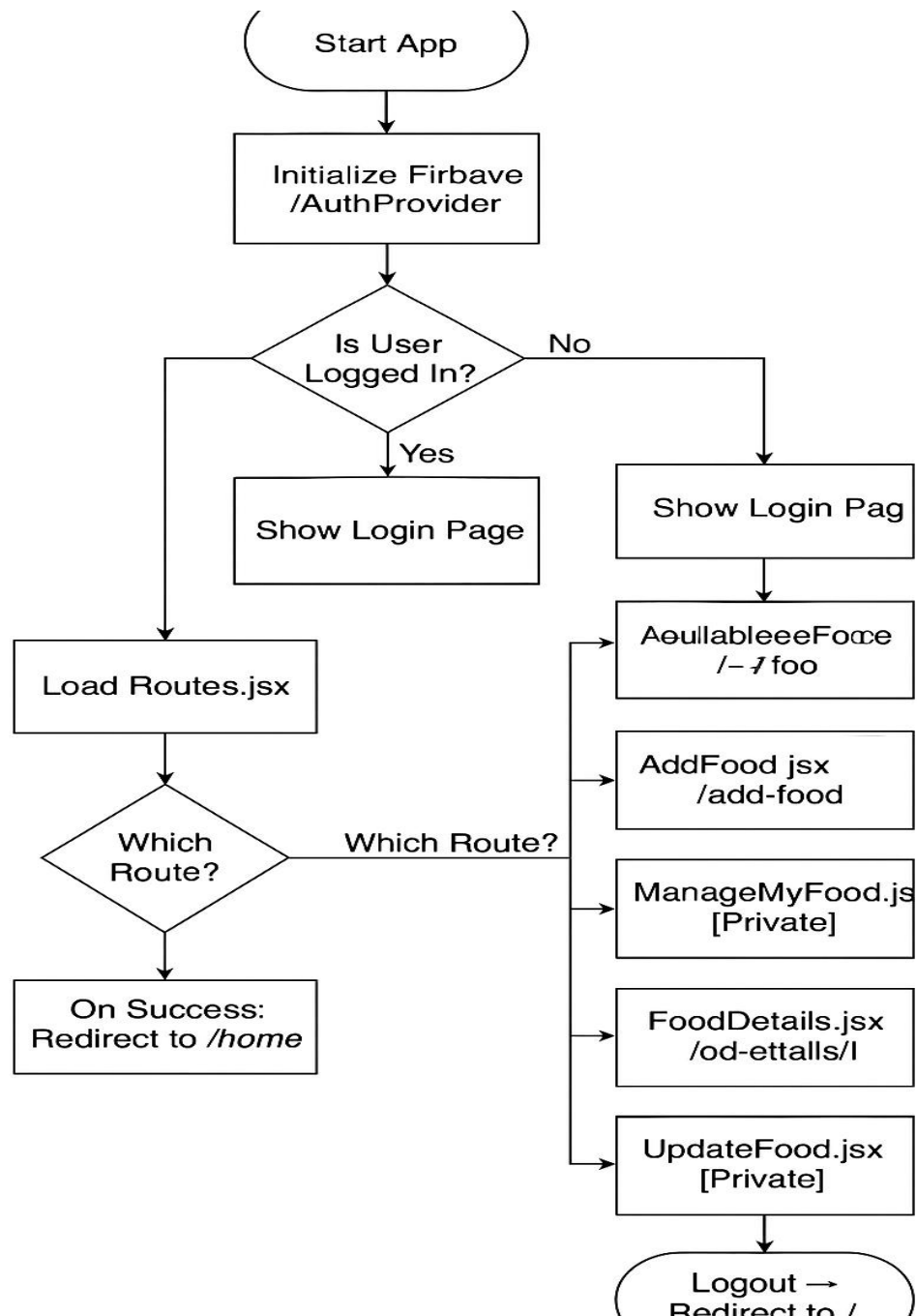
Server Development:

- ✓ RESTful API development
- ✓ Database operations (CRUD)
- ✓ User authentication & authorization
- ✓ Data validation

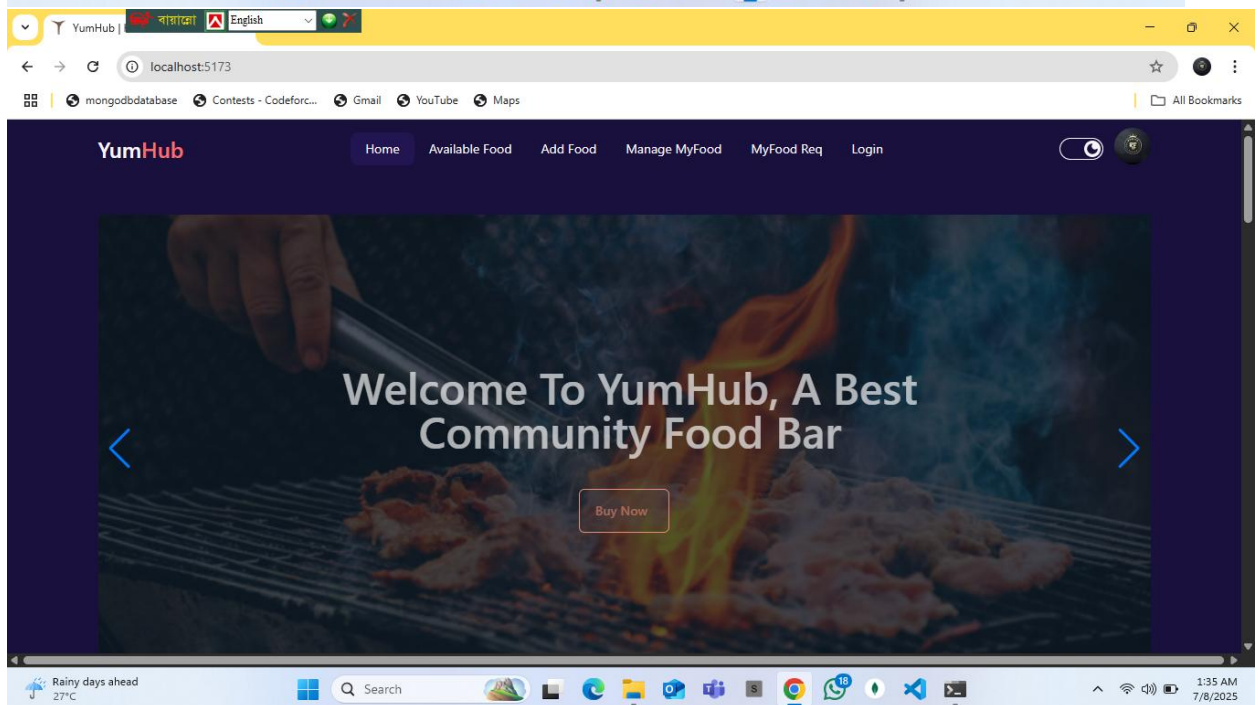
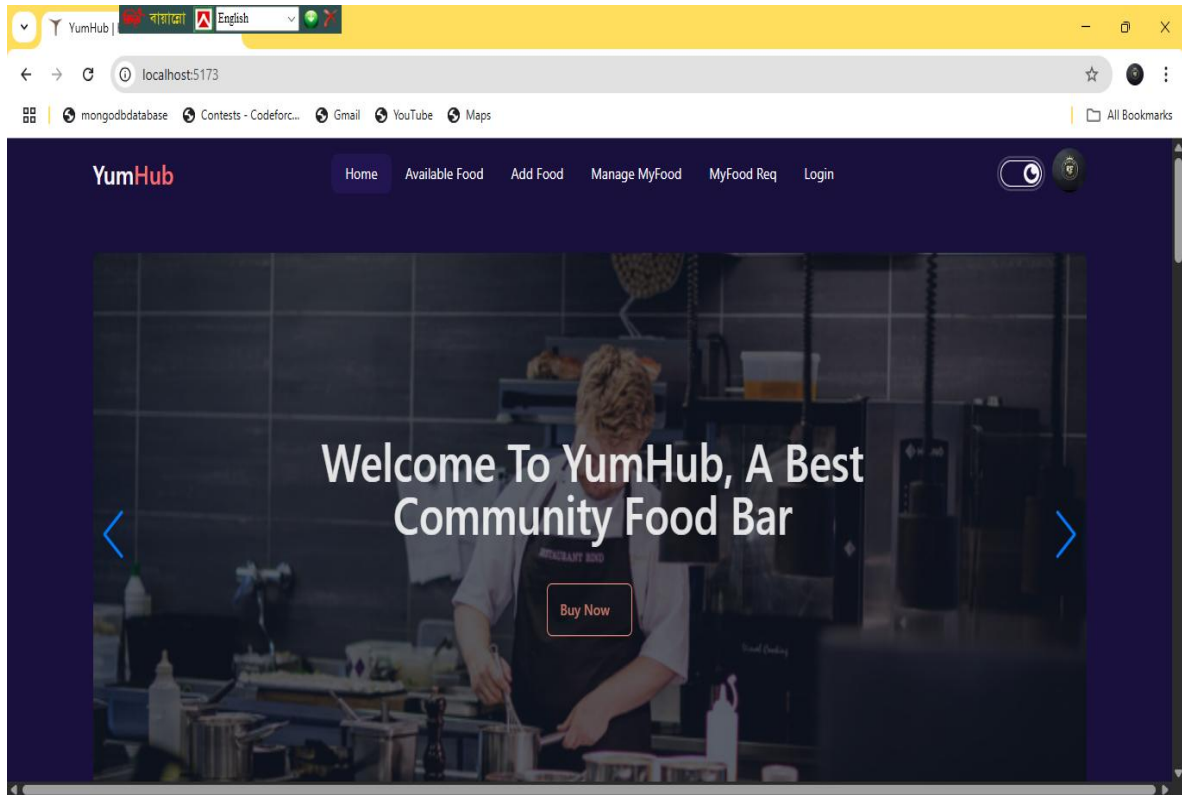
Database Management:

- ✓ MongoDB collections design
- ✓ Data relationships
- ✓ Query optimization
- ✓ Data security

Flowchart:



Screenshots:



YumHub | বাংলা English

localhost:5173

mongodbdatabase


Contests - Codeforc...

Gmail

YouTube

Maps


All Bookmarks




99bc15af7a3291e0db497a57d4f333ba.....

Mixed Dri fruits

Quantity : 5 Location: chawkbazar

 Donar Name: Rubiya Easmin


View Details



Enjoy the freshness of Mediterranean fla.....

burger

Quantity : 5 Location: chawkbazar


 Donar Name: rubiya

View Details

Show All

Rainy days ahead
27°C

Search



1:36 AM
7/8/2025

YumHub | বাংলা English

localhost:5173

mongodbdatabase

Contests - Codeforc...


Gmail

YouTube

Maps

All Bookmarks


comprehensive – your inquiries, our expertise




Enjoy the freshness of Mediterranean fla.....

Mediterranean Burger

Quantity : 10 Location: chawkbazar

 Donar Name: Rubiya Easmin


View Details




Enjoy the freshness of Mediterranean fla.....

pizza

Quantity : 10 Location: patenga

 Donar Name: raisa


View Details




Enjoy the freshness of Mediterranean fla.....


noodles

Quantity : 10 Location: patenga

 Donar Name: raisa


View Details





Rainy days ahead
27°C

Search



1:35 AM
7/8/2025

YumHub | বাংলা English

localhost:5173/available-food

mongodbatabase

Contests - Codeforc...

Gmail

YouTube

Maps


All Bookmarks

burger

SEARCH


Sort By Expire Date

Change Layout




99bc15af7a3291e0db497a57d4f333ba.....
Mixed Dri fruits
Quantity : 5 Location: chawkbazar
Donar Name: Rubiya Easmin

View Details



Enjoy the freshness of Mediterranean fla.....
Mediterranean Burger
Quantity : 10 Location: chawkbazar
Donar Name: Rubiya Easmin

View Details



Enjoy the freshness of Mediterranean fla.....
burger
Quantity : 5 Location: chawkbazar
Donar Name: rubiya

View Details

YumHub | বাংলা English

localhost:5173/available-food

mongodbatabase


Contests - Codeforc...

Gmail

YouTube


Maps

All Bookmarks




Enjoy the freshness of Mediterranean fla.....
pizza
Quantity : 10 Location: patenga
Donar Name: raisa


View Details





Enjoy the freshness of Mediterranean fla.....
noodles
Quantity : 10 Location: patenga
Donar Name: raisa


View Details


 27°C


 Search




















1:36 AM
7/8/2025

YumHub | বাংলা English

localhost:5173/add-food

mongodbdatabaseContests - Codeforc...GmailYouTubeMapsAll Bookmarks

Add Food

Food Name

noodles

Food Quantity

10

Additional Notes

Enjoy the freshness of Mediterranean flavors with this vibrant Burger.

Pickup Location

bohoddarhat

Expired Date

07/08/2025

Food Image

CHOOSE FILE

No file chosen

Food Status

available

Add Food

Rainy days ahead
27°C

Search


18

1:38 AM
7/8/2025

YumHub | বাংলা English

localhost:5173


mongodbdatabaseContests - Codeforc...GmailYouTubeMapsAll Bookmarks



99bc15af7a3291e0db497a57d4f333ba.....


Mixed Dri fruits

Quantity : 5 Location: chawkbazar



Donar Name: Rubiya Easmin


View Details



Enjoy the freshness of Mediterranean fla.....

burger

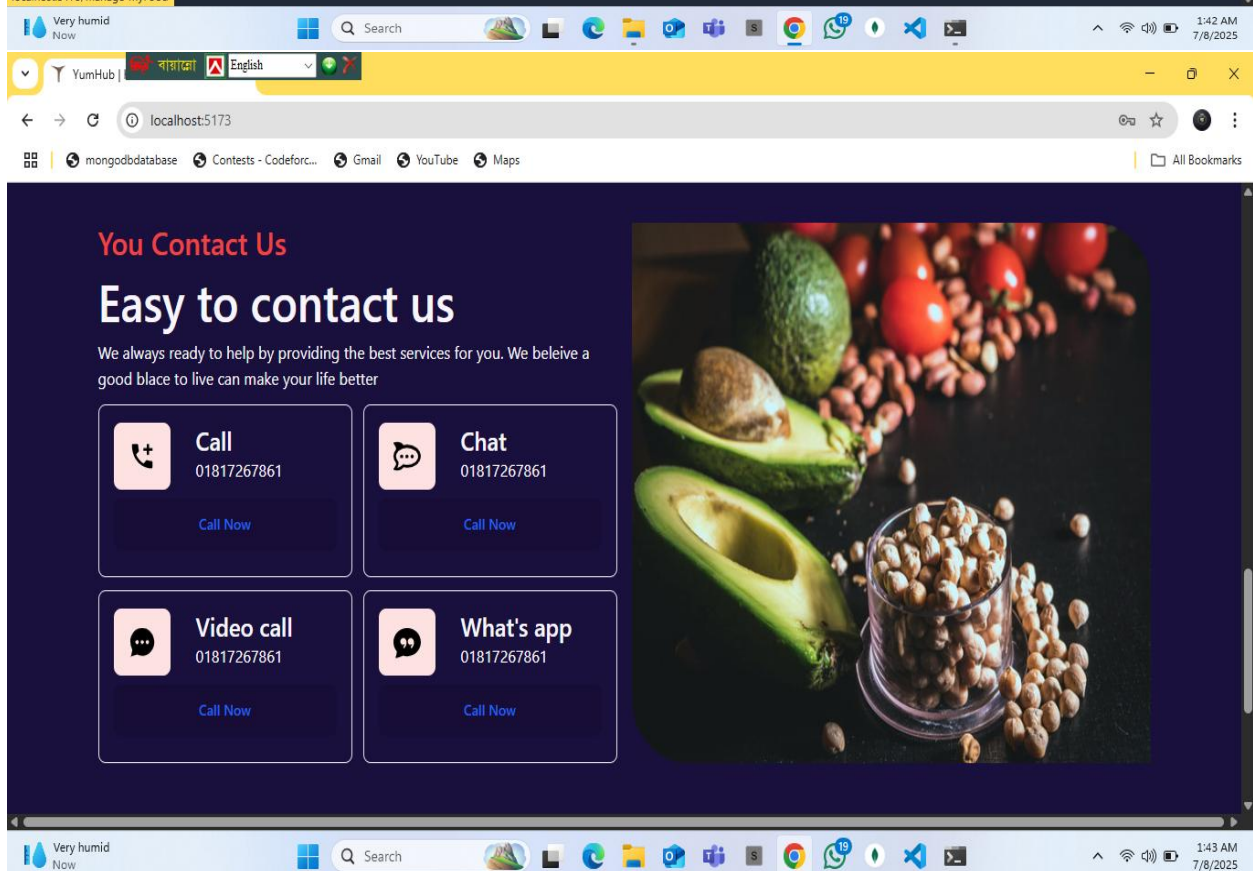
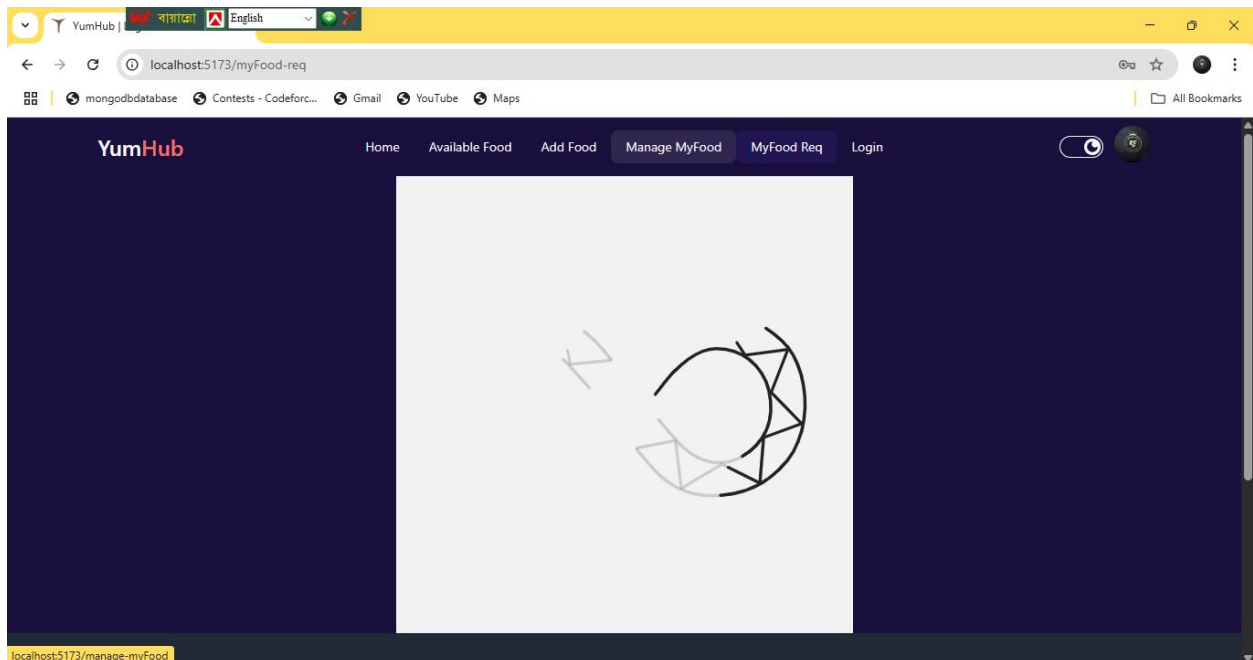
Quantity : 5 Location: chawkbazar



Donar Name: rubiya

View Details

Show All



Project Links :

Live Demo & Source Code:

Live Site:

<https://yumhubc06d7.web.app/>

Client Code: GitHub - YumHub Client

Server Code: GitHub - YumHub Server