


DAVID MAINA

Software Developer

 0799575176

 mosh9098@gmail.com

GitHub: github.com/Mosh9098

LinkedIn: linkedin.com/in/david-maina-829117240

EDUCATION

**Africa International
University (2021-ongoing)**
Diploma in IT (Ongoing)

Moringa School
*Full-Stack Software
Engineering Course -
Nairobi, Kenya*

The Full-Stack Software Engineering Curriculum covers both Back-End and Front-End programming technologies using Python. It is an extensive course of study that teaches not only how to code but also how to learn and tackle novel problems. Graduated as a full-stack developer with proficiency in building full-stack applications

SKILLS

- Languages: HTML, CSS, JavaScript, Python, PHP
- Frameworks and Libraries: React, Node.js, Flask, Tailwind CSS
- Tools: Git, GitHub, VS Code
- Database Management: MySQL, SQLite, Postgre

PROFILE

A highly motivated and adaptable software engineer with a strong foundation in both front-end and back-end development. Proficient in a wide range of technologies including HTML, CSS, JavaScript, Python, PHP, and modern frameworks like React, Flask, and Node.js. Experienced in designing and building responsive, user-friendly applications with a focus on scalability and performance.

Passionate about solving complex problems through code, I have a demonstrated ability to work across the full development lifecycle — from conceptualizing project requirements to deploying robust applications. My ability to quickly learn new technologies and my eagerness to tackle challenging problems has enabled me to continuously grow as a developer. I thrive in collaborative environments where I can contribute to building innovative solutions, but I am equally comfortable working independently to achieve project goals.

Having worked on a variety of projects ranging from a school management system to a real estate website, I have honed my skills in database management, API integration, and user interface design. I am dedicated to developing efficient and clean code that not only meets user requirements but also enhances the overall user experience.

I am also an excellent communicator with a proven ability to explain technical concepts to non-technical stakeholders, making me an asset in cross-functional teams. Always seeking new learning opportunities, I am committed to staying updated with the latest industry trends and best practices to ensure the continuous improvement of my skills and the quality of the software I deliver.

WORK EXPERIENCE

IT Support - Lenatech (K) Ltd

Nairobi, Kenya
2021 - 2023

- Provided comprehensive technical support for company computers, ensuring efficient resolution of hardware and software issues to minimize downtime.
- Designed and maintained the company website, handling front-end and back-end development, implementing features for better user experience, and ensuring optimal site performance.
- Managed the company's servers, overseeing setup, configuration, security, and routine maintenance to ensure uninterrupted services and data protection.

LANGUAGE

- English
- Swahili

REFERENCES

Lenatech (k) Ltd

Phone: +254 740 314 877

Email : info@lenatech.co.ke

- Assisted in network troubleshooting, improving system performance by identifying and fixing connectivity issues across the organization.
- Supported employees with technical queries and conducted training sessions on new software tools to enhance their productivity.
- Collaborated with other departments to analyse technical needs and implement system upgrades and improvements.

PROJECTS

1. School Management System

Description:

Developed a comprehensive system for managing students, teachers, courses, and school operations. The platform allows admins to assign students to teachers, track attendance, and monitor progress. Teachers manage grades and attendance, while students view their grades and assigned courses.

Tech Stack: React, Flask, MySQL

GitHub Link: <https://github.com/Mosh9098/School-Management-System>

2. Hotel Menu App

Description:

A hotel management application for staff to handle menu items and orders. Staff can view, add, and modify menu items, create orders, and track them. The system also features role-based login functionality for admins and staff. *Tech Stack:* React, Flask

GitHub Link: <https://github.com/Mosh9098/Hotel-Menu-App>

3. Car Rental App (Group Project)

Description:

A car rental platform allowing users to browse available cars, make reservations, and manage bookings. The admin side includes inventory management, rental transactions, and customer data.

Tech Stack: React, Flask

GitHub Link: <https://github.com/Mosh9098/car-rental-app>

4. Pokémon Card Generator

Description:

A web application that generates Pokémon cards using data from an external API. Users can search for Pokémon and view dynamically generated cards displaying their abilities, stats, and images.

Tech Stack: React, Flask, Pokémon API

GitHub Link: <https://github.com/Mosh9098/DavidMaina-Phase1Project>

5. Bank Project (React App)

Description:

A React and Flask application simulating banking operations. Users can create accounts, deposit/withdraw funds, and view transaction history. The app integrates authentication, transaction management, and error handling. *Tech Stack:* React, Flask, SQLite

GitHub Link: [Bank Project](#)

6. Construction Company website

Description:

Built a construction company website that advertises the company's services, has a gallery showing their projects and a clients list for the companies they have worked with also it allows users send emails to the company's email.

Tech Stack: React, Flask

GitHub Link: <https://github.com/Mosh9098/construction-company-website>

7. Real Estate Website

Description:

Built a real estate website using PHP where users can browse properties, filter by location and price, and contact agents. Admins can manage listings by adding, updating, or removing properties.

Tech Stack: PHP, MySQL

GitHub Link: <https://github.com/Mosh9098/real-estate-website>

For more of my projects and programming growth process, check out my GitHub at

github.com/Mosh9098.



Ngong Lane Plaza, 1st Floor, Nairobi Kenya

+254 712 293 878 (ADMISSIONS/GENERAL INQUIRIES)

P.O Box 28860 - 00100, Nairobi

contact@moringaschool.com

STUDENT TRANSCRIPT

Student Name:	DAVID MAINA
School Email:	david.maina1@student.moringaschool.com
Program:	Software Development
Completion Date:	16/08/2024
Date Issued:	7/11/2024

Course Code	Stacks Covered	Grade
SD Module 1	Introduction to programming(HTML, CSS, Javascript)	89.66
SD Module 2	React	79.75
SD Module 3	Python	88.18
SD Module 4	Python Flask	84.57

Grading Scale

Grade	Scale	Grade Description
A	75.00 - 100.00	Excellent

B	65.00 - 74.00	Good
C	50.00 - 64.00	Satisfactory
D	0.00 - 49.00	Fail

Head of Classroom

Bernard Musau



This is an electronic transcript and should not be used as a certificate.



Ngong Lane Plaza, 1st Floor, Nairobi Kenya



MORINGA

Discover · Grow · Transform

CERTIFICATE OF COMPLETION

PROUDLY PRESENTED TO:

David Maina

For successfully completing **Software Engineering Course**
on **29th November 2024** at Moringa School.

The program covered both **Back-End** and **Front-End** Programming Technologies.

The course was delivered by Moringa School and included content from Flatiron School.

NL Germany

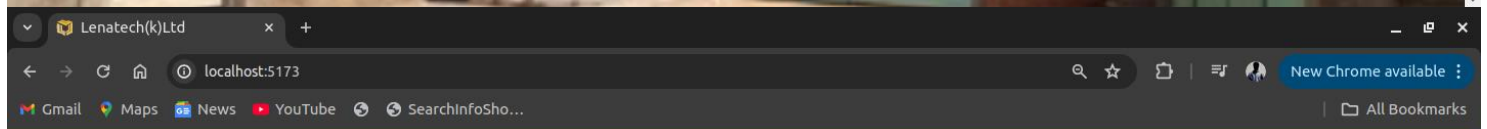
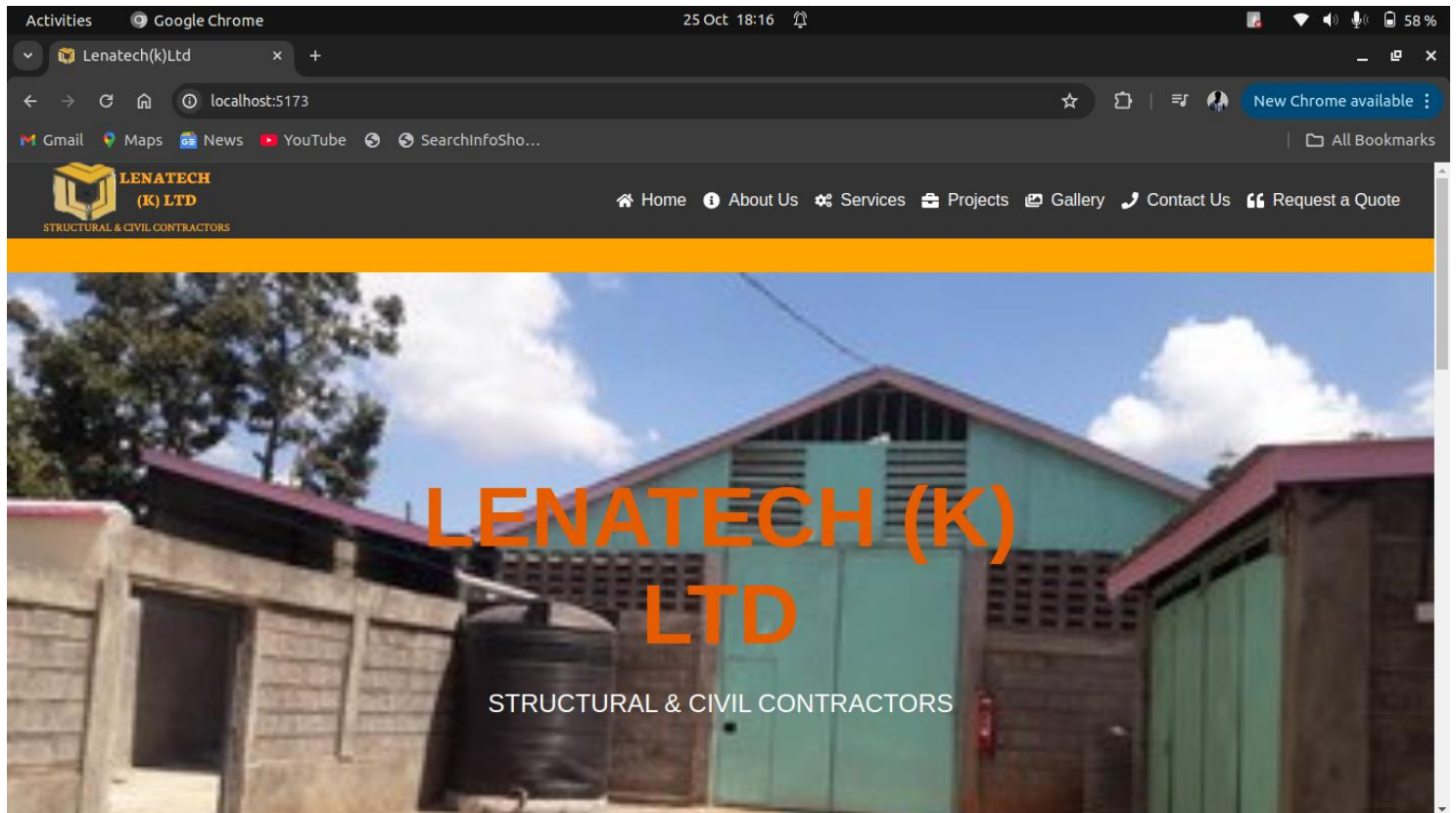
Nikki Germany
CEO, Moringa School

Bernard Musau
Director, Classroom



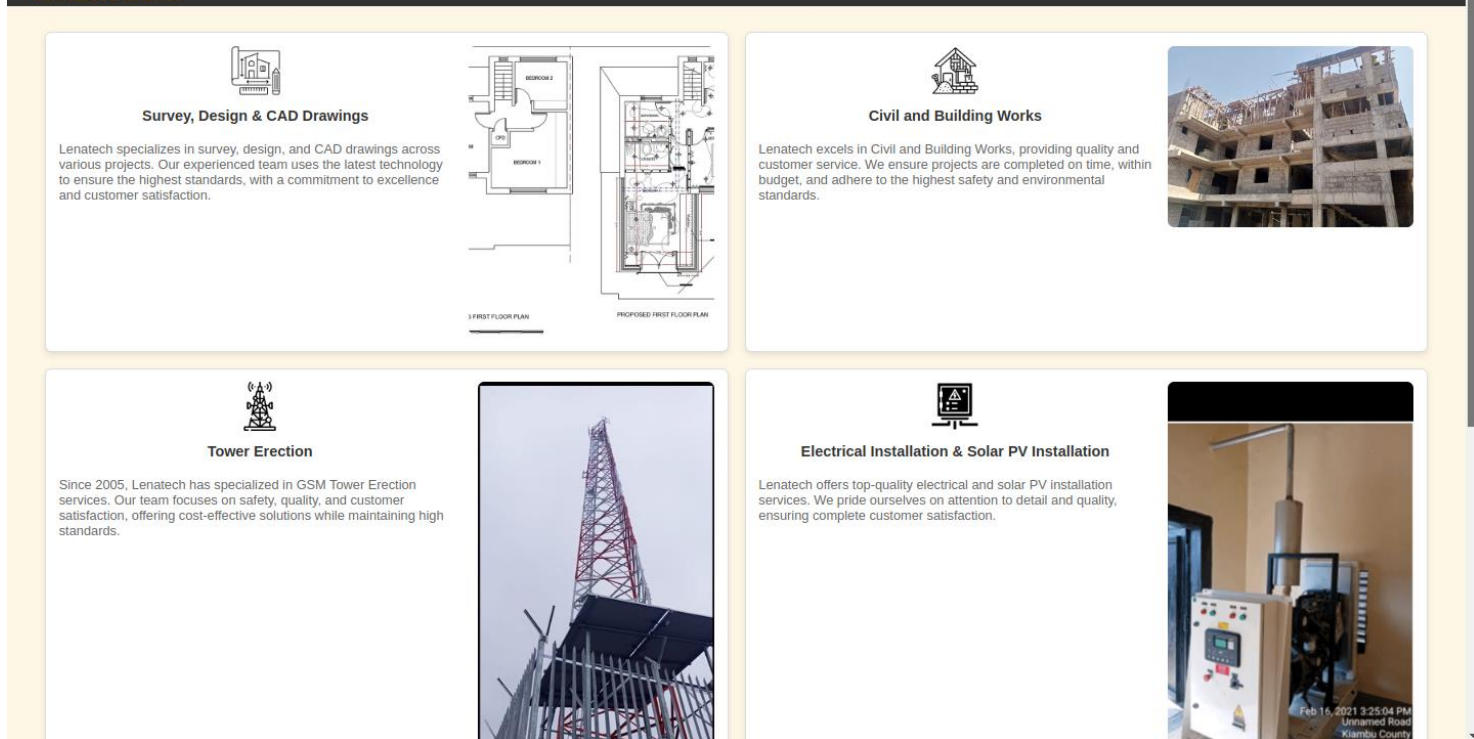
SOME OF MY PROJECTS

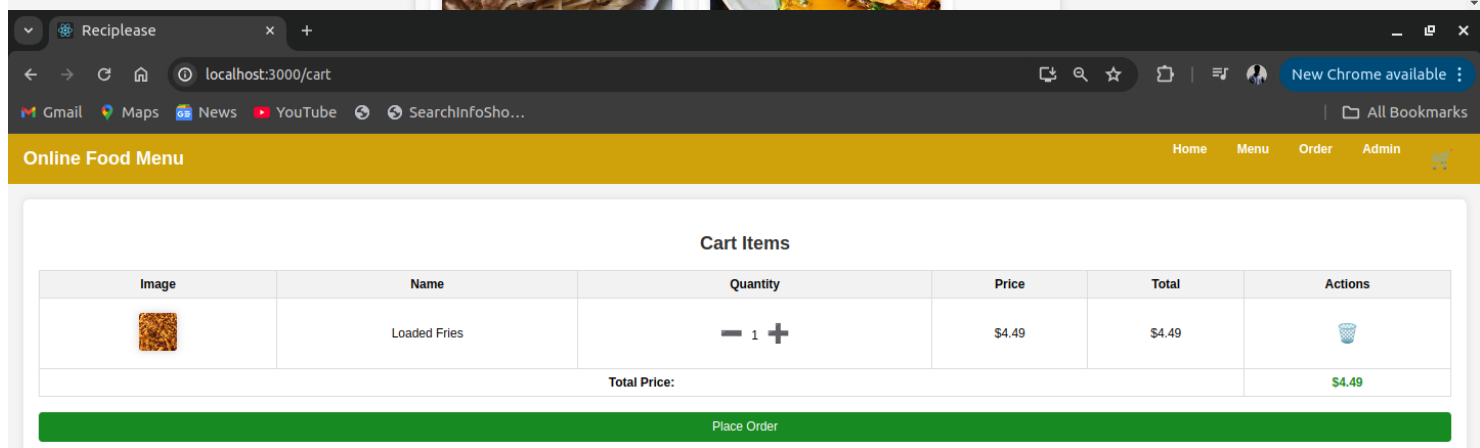
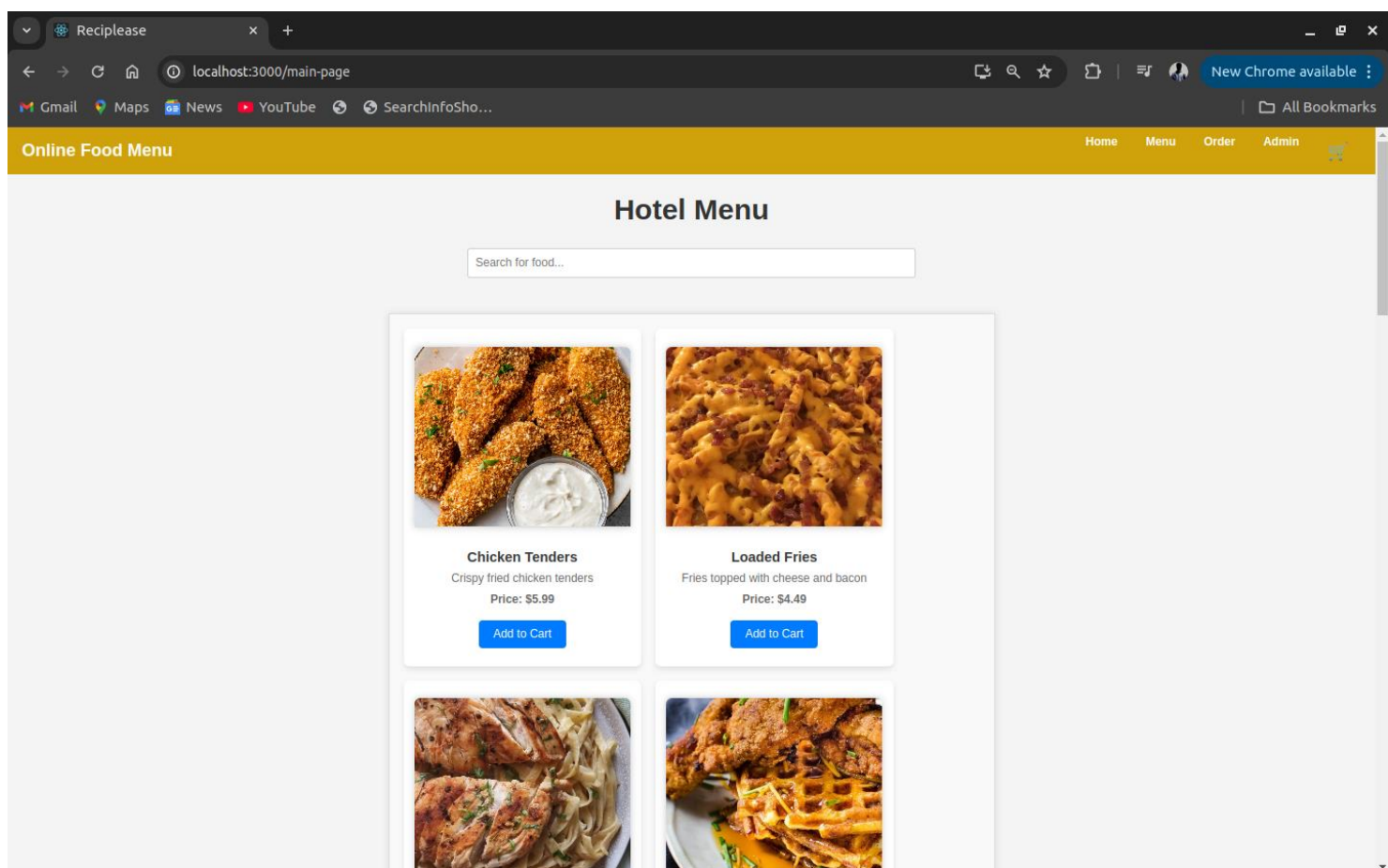
CONSTRUCTION COMPANY WEBSITE

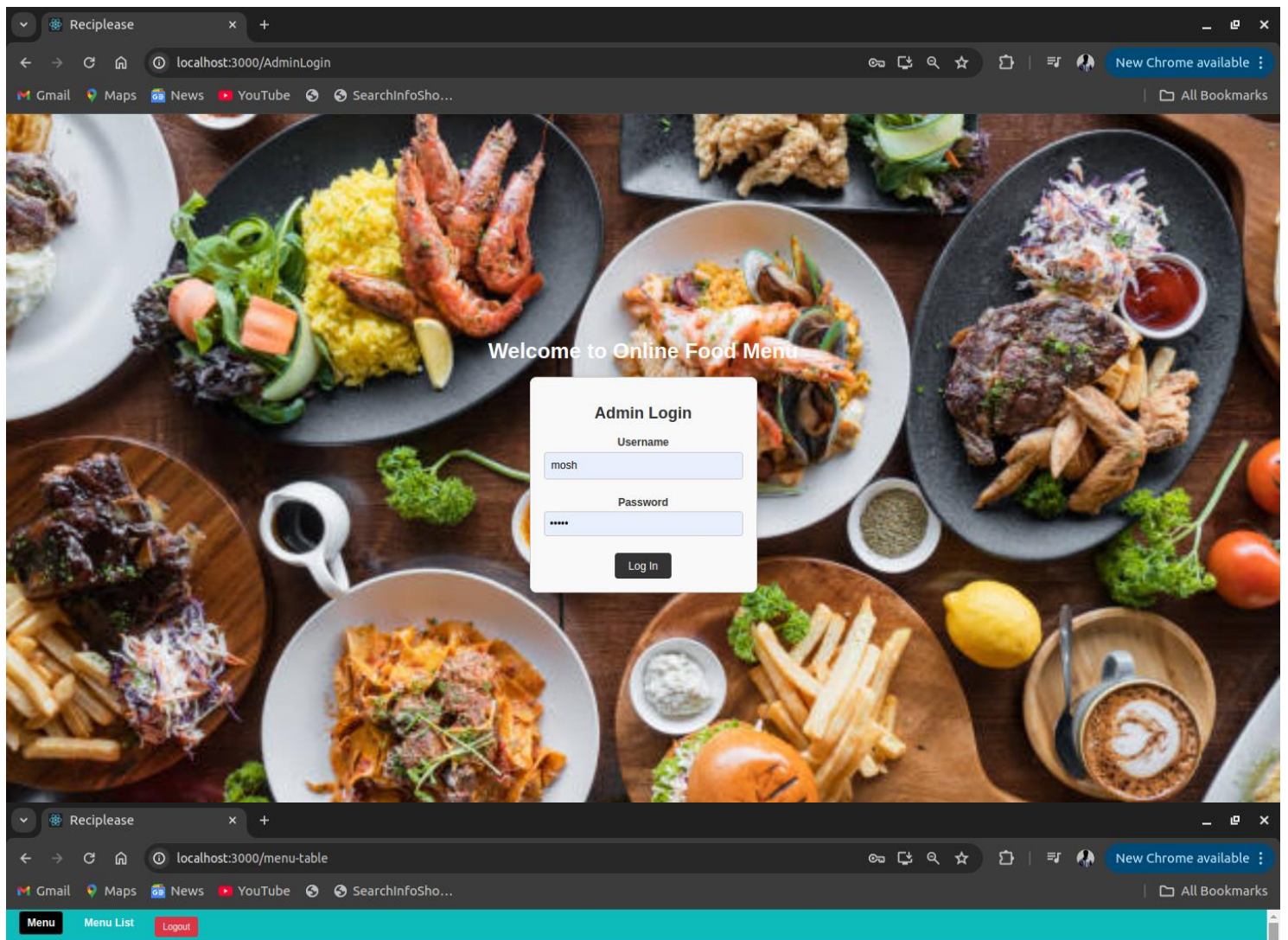




Some of the clients we served and still do:

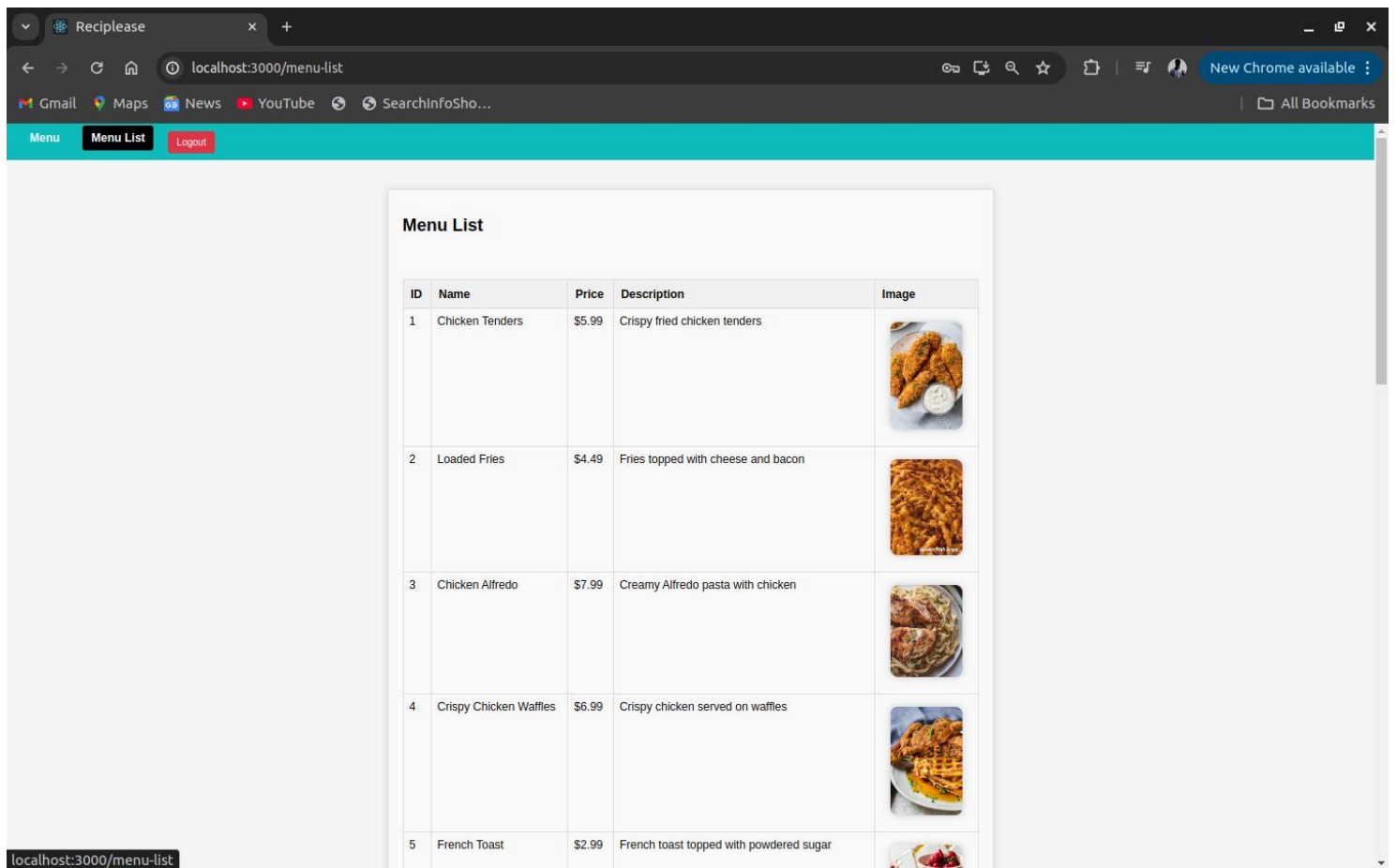




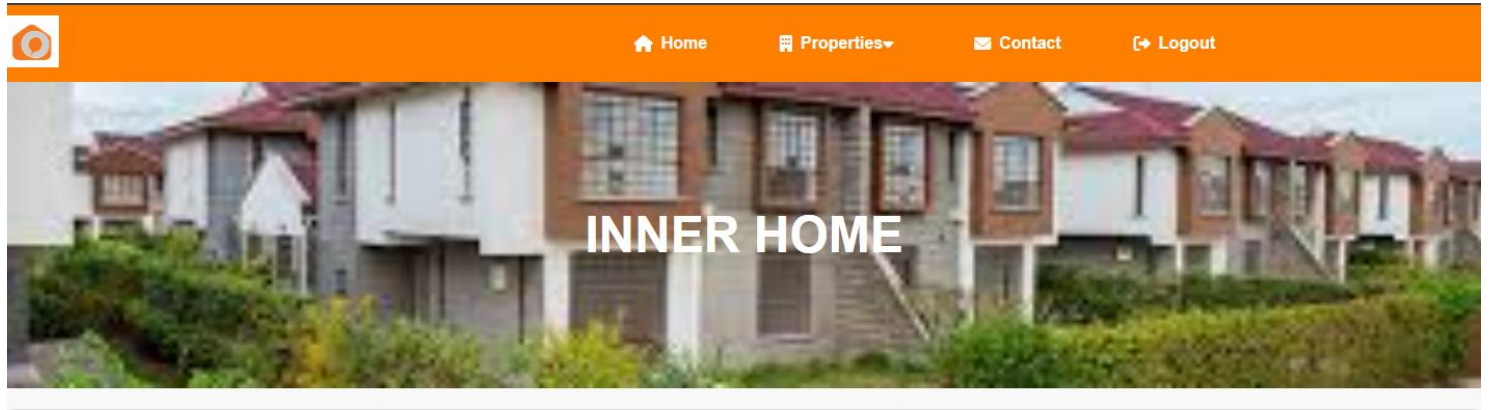




Menu Table						
Name:						
Price:						
Description:						
Image URL:						
Add Item						
ID	Name	Price	Description	Image	Actions	
1	Chicken Tenders	\$5.99	Crispy fried chicken tenders		Edit Delete	
2	Loaded Fries	\$4.49	Fries topped with cheese and bacon		Edit Delete	



REALESTATE WEBSITE



About Us

Welcome to our real estate website. We are committed to providing you with the best property options that meet your needs. Our team of experts works tirelessly to ensure that you find the perfect home or investment property. With a focus on quality and customer satisfaction, we aim to make your real estate experience seamless and enjoyable.

Our website features a wide range of properties including residential, commercial, and investment options. We strive to keep our listings up-to-date and offer detailed information to help you make informed decisions.

Thank you for choosing us. If you have any questions or need assistance, please do not hesitate to contact us.

Featured Properties

Featured Properties

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Not Available

Mansion

Location: Muthaiga

Price: KSH 150000

Delivery Type: Sale



Available

Apartment

Location: 11 Ghost Hill Road

Price: KSH 150000

Delivery Type: Sale



Available

Bungalow

Location: 4154 Langata

Price: KSH 70000

Delivery Type: Rent

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ALL PROPERTIES



Not Available

Flat

Location: Kasarani

Agent Name: Kimani Vincent

Agent Phone: 0799346797

Price: KSH 6000

Delivery Type: Rent

Utilities: Water and Electricity

B: 2 LR: 1 P: 1 K: 1



Not Available

Mansion

Location: Muthaiga

Agent Name: Caroline Wesmorth

Agent Phone: 0756237860

Price: KSH 150000

Delivery Type: Sale

Utilities: Electricity, Gas, Water

B: 3 LR: 2 P: 1 K: 1



Available

Apartment

Location: 11 Ghost Hill Road

Agent Name: Edith Kamuyu

Agent Phone: 0722657823

Price: KSH 150000

Delivery Type: Sale

Utilities: Electricity, Gas, Water, Swimming pool

B: 3 LR: 1 P: 4 K: 1



localhost:innerhome/properties.php



Available

Bungalow

Location: 4154 Langata

Agent Name: John Nduati

Agent Phone: 0204567512

Price: KSH 70000

Delivery Type: Rent

Utilities: Electricity,water,Security

B: 3 LR: 1 P: 2 K: 1



Not Available

Mansion

Location: 346 Drive Kileleshwa

Agent Name: Cleo Muthei

Agent Phone: 0786543217

Price: KSH 0

Delivery Type: Sale

Utilities: Swimmingpool,Security,Water

B: 7 LR: 3 P: 4 K: 1



Not Available

Bungalow

Location: Kikuyu

Agent Name: Evelyn Otieno

Agent Phone: 0223476598

Price: KSH 0

Delivery Type: Rent

Utilities: Security,Water

B: 3 LR: 1 P: 2 K: 1

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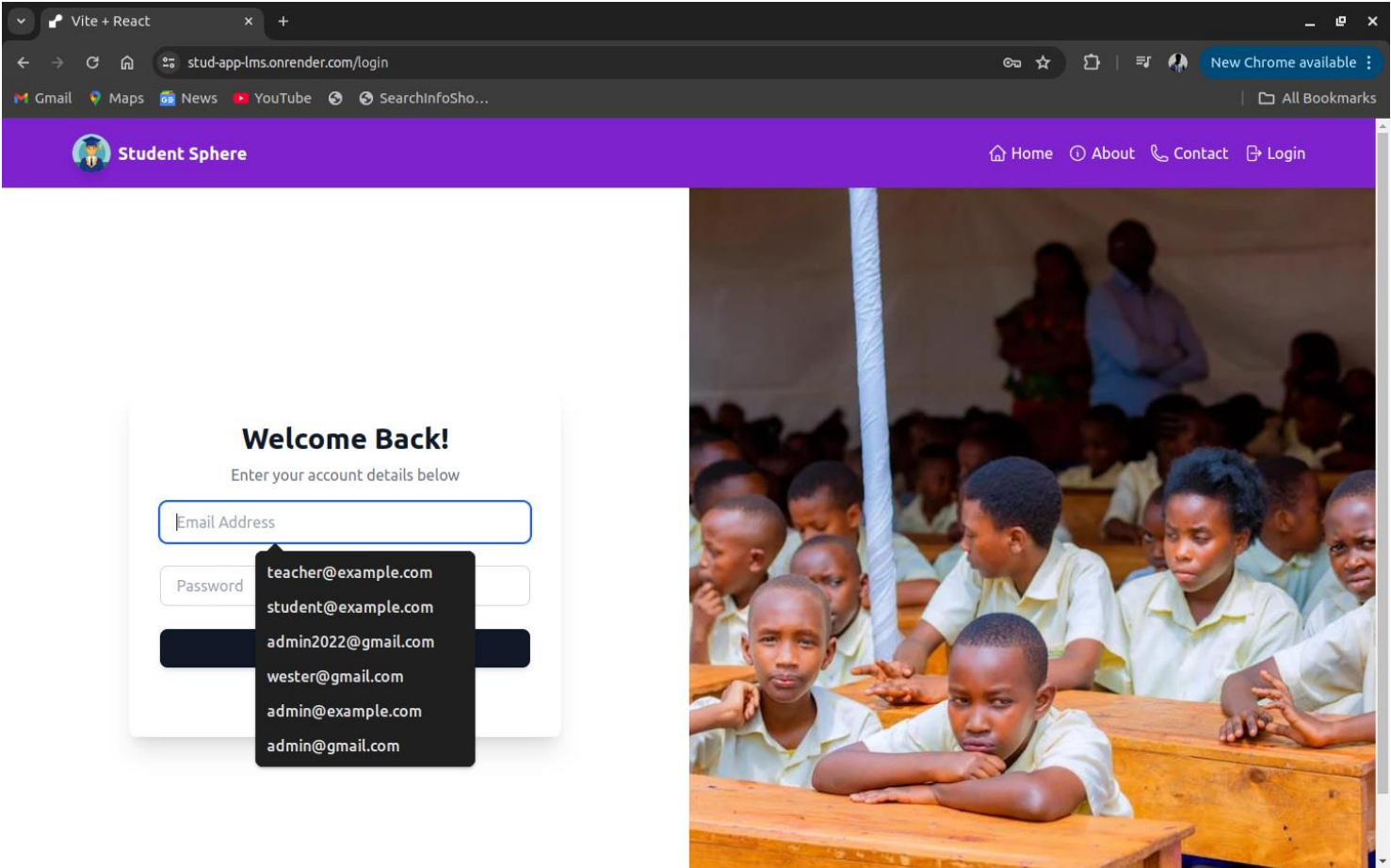
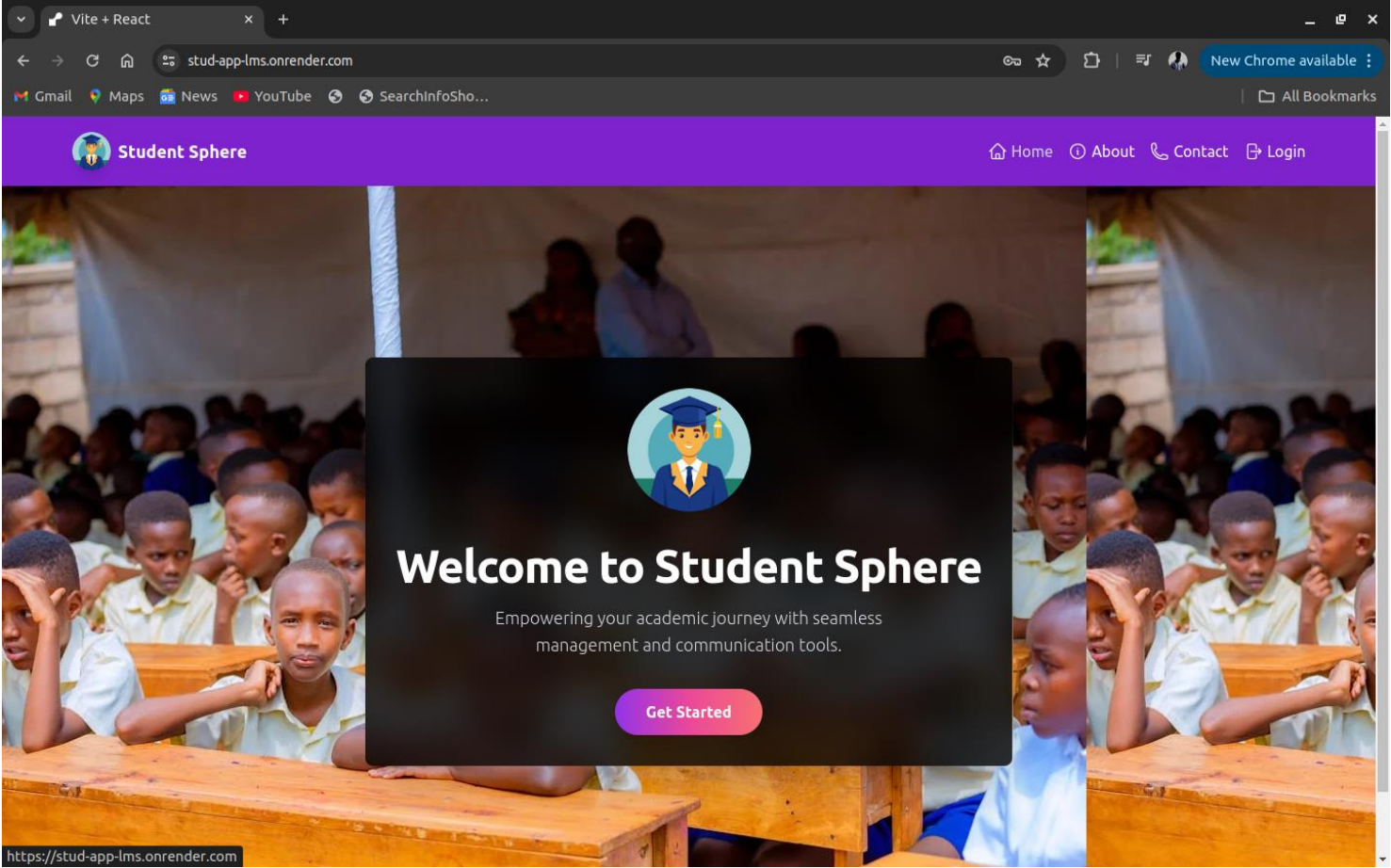
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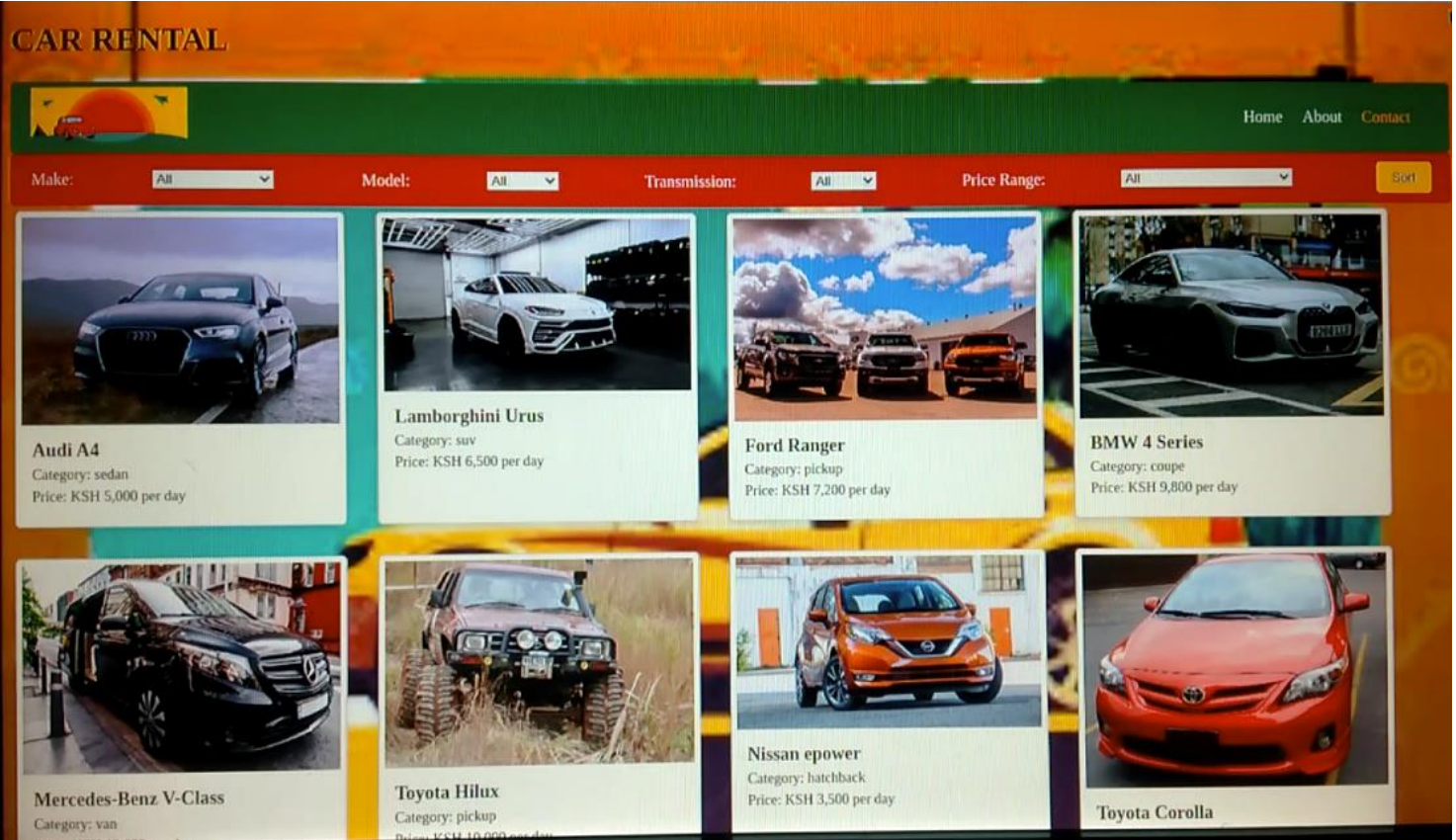
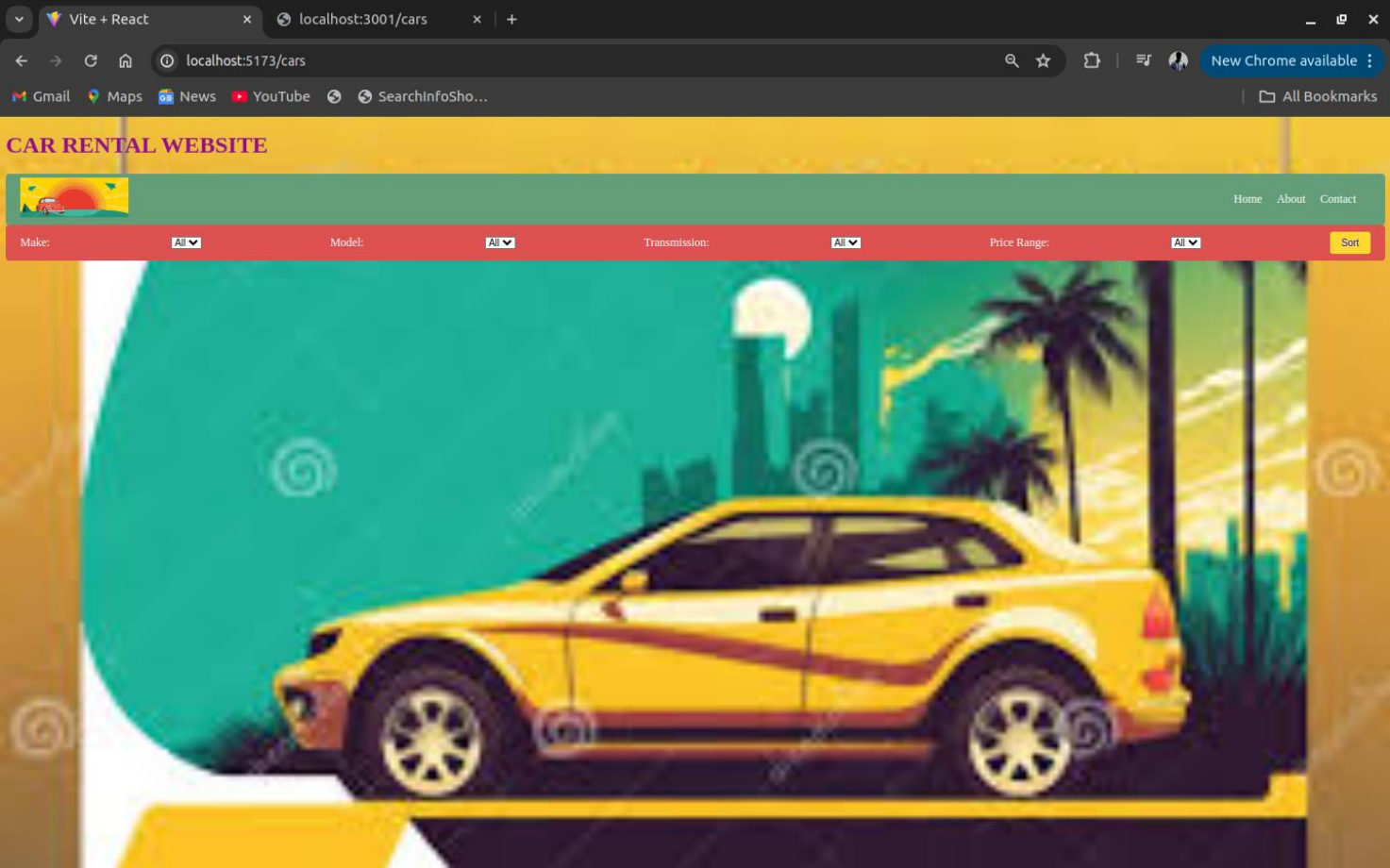
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SCHOOL MANAGEMENT SYSTEM (HOSTED ON RENDER)



CAR RENTAL WEBSITE





FIGMA DESIGN

