



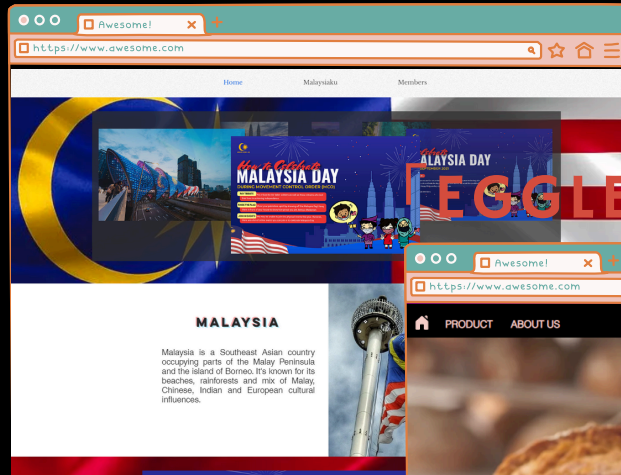
NURUL FARHANA ZAINAL RASHID

「DIPLOMA PORTFOLIO」

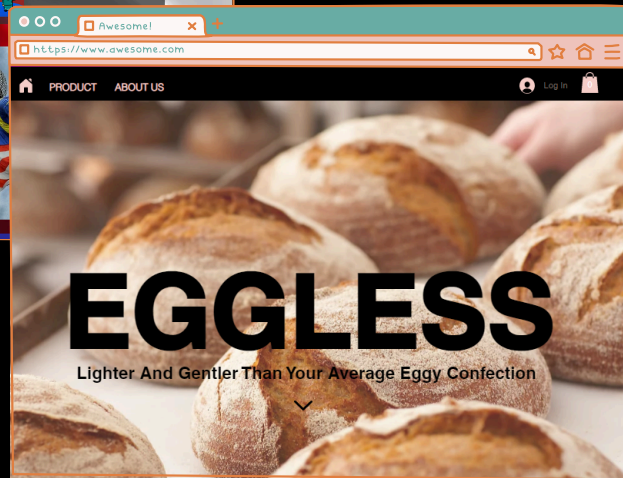
DEC 2021



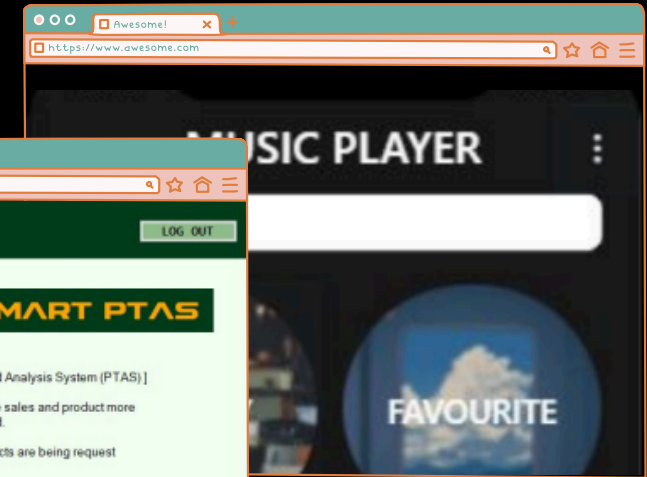
「MALAYSIAKU!」



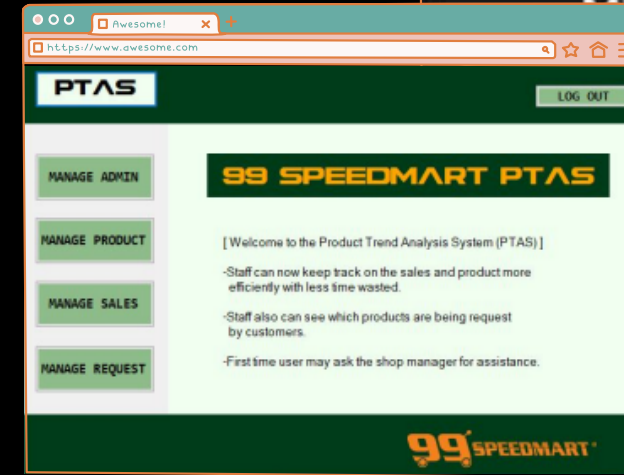
「EGGLESS BAKERY」



「IMPROVISE」

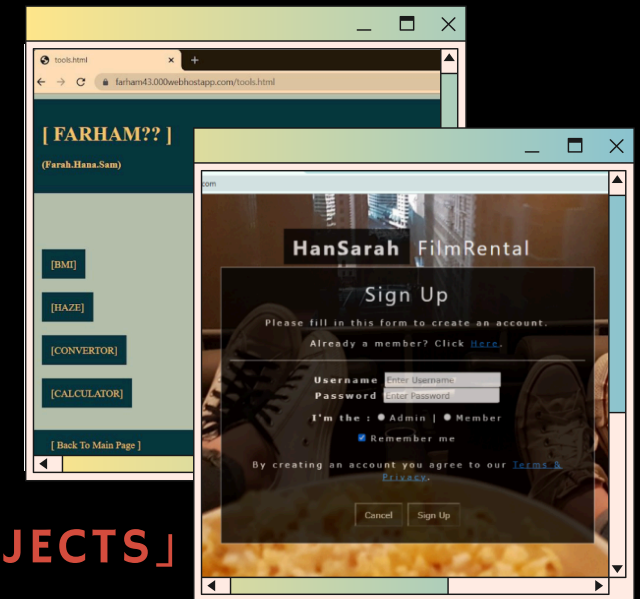


「PTAS」



「PROJECTS」

「MINI PROJECTS」

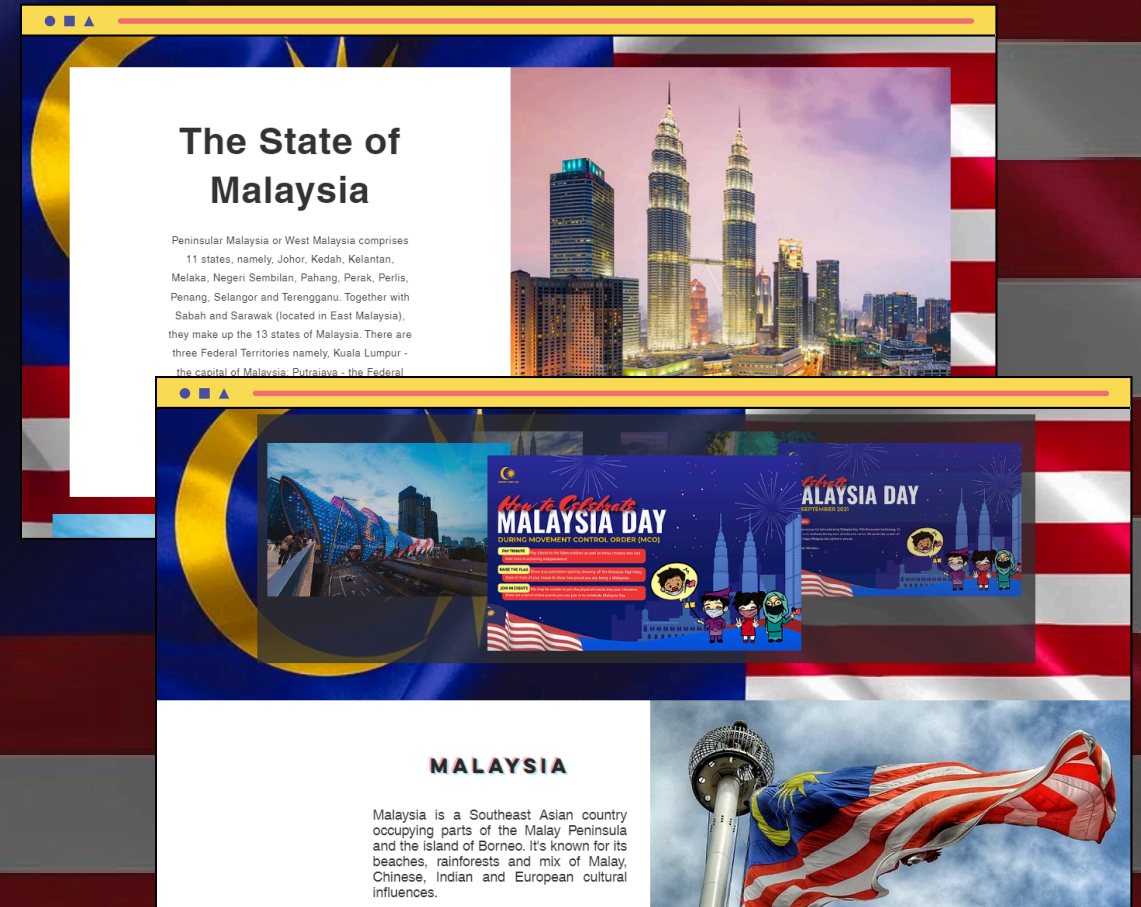


「MALAYSIAKU!」

"Malaysiaku!" (My Malaysia) was a university assignment to create a simple website to introduce Malaysia...

Main Objectives:

- Familiarize students with Wix features.
- Briefly introduce Malaysia.
- Design a poster for Malaysia Day.



VISIT WEBSITE



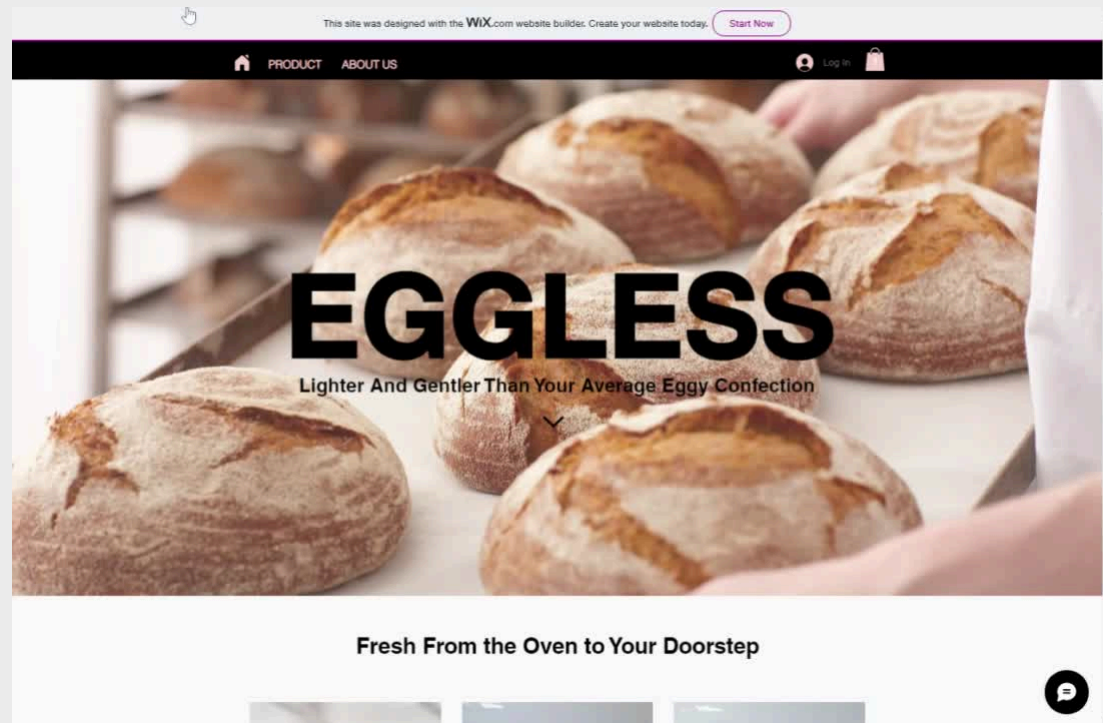
EGGLESS BAKERY

「CASE STUDY」

「ABOUT THE PROJECT」



Website Demo Preview



Project Overview

Eggless Bakery is an at-home bakery recently established in 2020. The target customers are eggless products consumers and those interested in eggless products. Our client uses Instagram and Shopee as her marketing platform.

The aim was to create a fully-functional eye-catching website that highlights the client's product identity. It should help our client to expand her business and introduce eggless products.

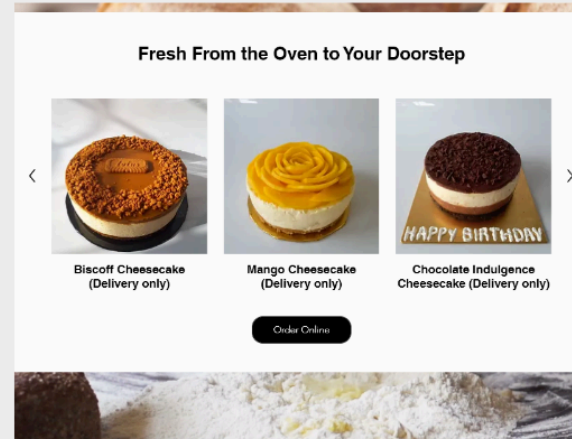
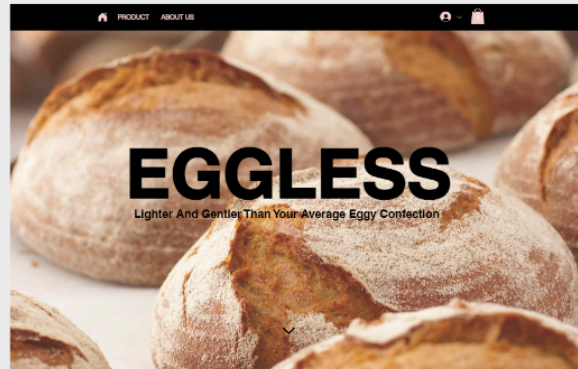
Note: The website was developed for the final project of the "Multimedia Application Development" subject. Despite being satisfied with the final product, our client is not using the website due to Wix's business subscription cost.

VISIT WEBSITE

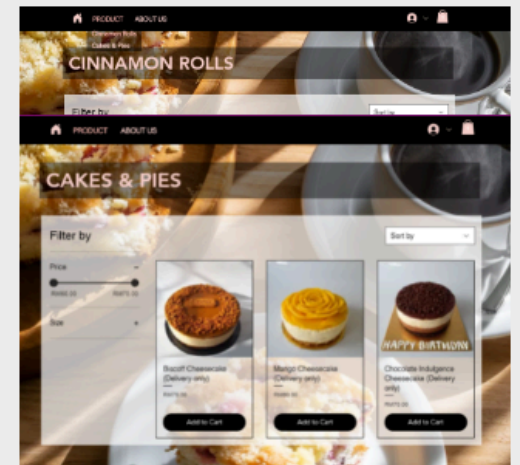
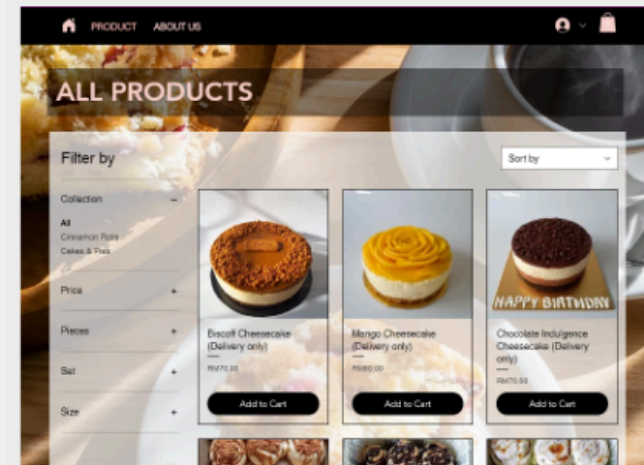
[illegible]

「SAMPLES OF WEBSITE INTERFACE」

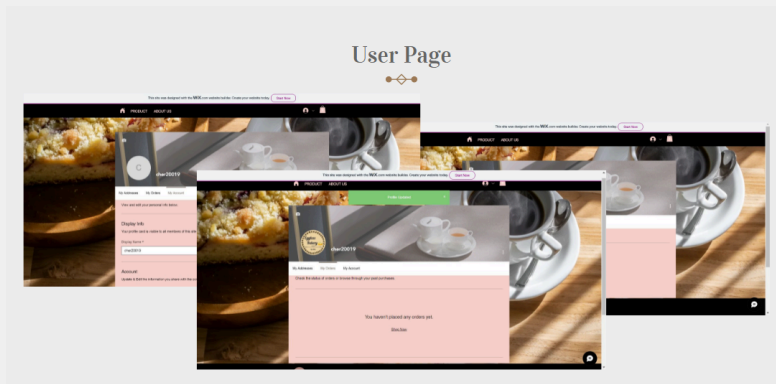
Homepage



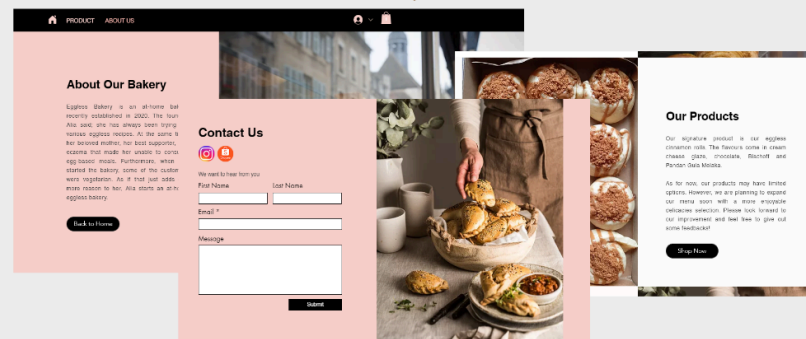
Product Page



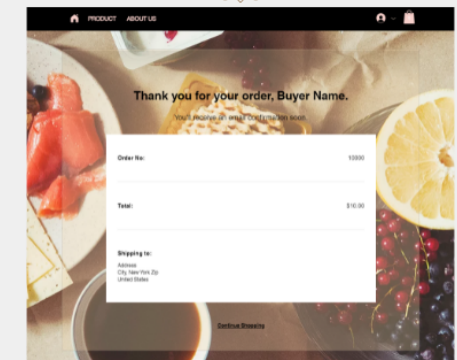
User Page



About Us



Thank You page





EGGLESS BAKERY



HOME |  Eggless Bakery
(wixsite.com)

[BACK TO PROJECTS](#)

A decorative geometric pattern on the left side of the slide, featuring a teal background with white, yellow, and orange lines forming a complex, interlocking maze-like structure.

PRODUCTS TREND ANALYSIS SYSTEM (PTAS)

PRESENTED BY GROUP 8

1. NURUL FARHANA BINTI ZAINAL RASHID
2. SAMANTHA TIONG CHER RYNN
3. NUR FARAH AQILAH BINTI MUHAMAD AZIZIL

A19DW0543

A19DW0579

A19DW3095

ABOUT

This group project was under the subject of "System Analysis And Design Method (SADM)". We were assigned to observe and identify the store of our choice's main problem. Our team has chosen 99 Speedmart as the target. Since contacting the stakeholders' process will be long, we decided to conduct a customer survey through Google Form instead. From our investigation. We conclude that the store's main problem is restocking latency. Therefore, we developed a prototype system based on the problem statement.

"Products Trend Analysis System or PTAS" was built as store productivity and sales booster assistance. The customers complain that the products are always out of stock at some point in the month. With this system, the store can keep track of the sales trend and determine which products are needed for extra merchandise every month. Its mission is to fulfil the customers' demands and store overall performance.



TIME TAKEN

- 2 Months



TEAM MEMBERS

- Consist 3 members,
1 system designer,
1 documenter and
1 researcher.



MY ROLE

- System designer and
project manager.

PROJECT SCOPE

MISSION STATEMENT	Our official statement is to make a better system to find product trends and maximise sales for the branch whilst improving the store overall efficiency.
STAKEHOLDERS	- Investors - Employees - Suppliers - Customers
GOALS	- provide better services for customer - systematic system - monitor and control product supply
OBJECTIVE	Create a system that helps to track the trends of products on demand and fulfill customer majority requests.

SWOTS

STRENGTHS	WEAKNESS
- can keep track of products on demand - fulfill customer requests	workers need to keep updated of the products on demand
OPPORTUNITIES	THREATS
- increase in sales - better services	- hard to update when time change - unexpected issues such as covid-19 - delayed supplier

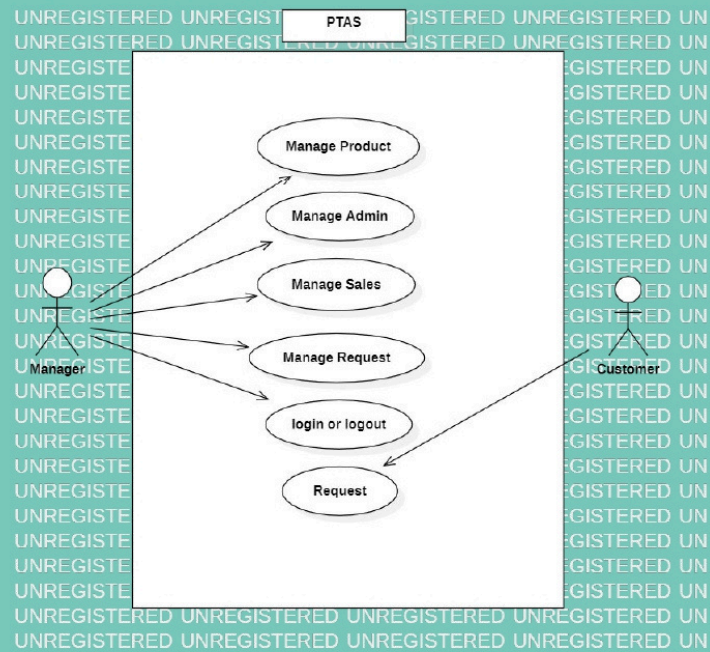
TOES

99 SPEEDMART	Delivery System	Temperature System	Products Trend Analysis System
Technical	- Motorcycle (x) - Hire (x) - Device (x)	- Scanner Machine (x) - Website (/)	Software (/)
Operational	Developer Team (/)	Developer Team (/)	Developer Team (/)
Economic	- Device(RM2,000) (x) - Motorcycles (RM20,000) (x)	- Computer (/) - Auto temperature scanner (RM500) (x)	Computer (/)
Schedule	3 Months (x)	3 Months (x)	2 Months (/)

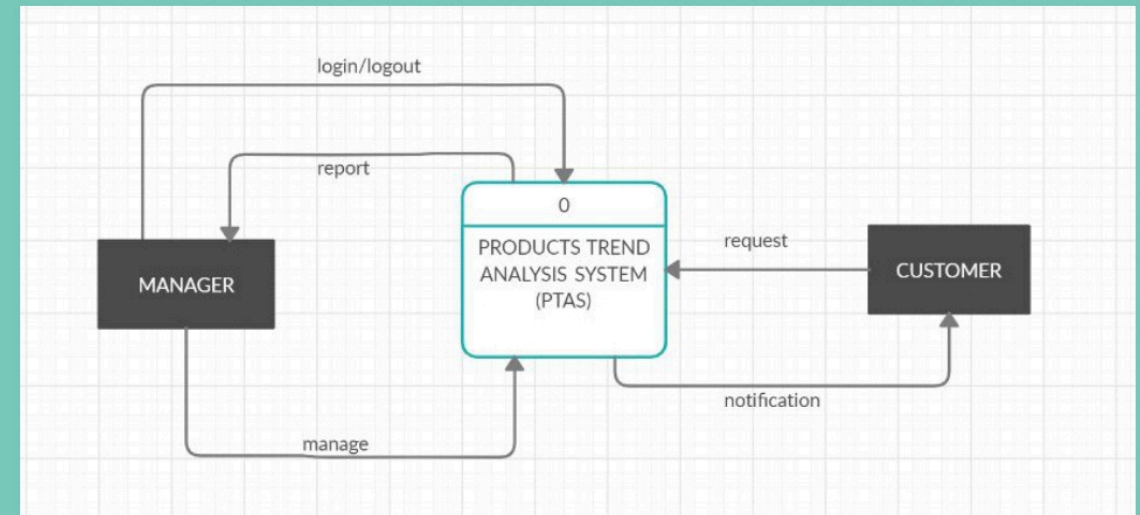
PROJECT IPO

Input	Process	Output
Customer Request	The requests keyed in by the customer will be stored into the database, along with the customer name.	A pop up message saying that the request has been issued.
Username, Password	The system checks whether the manager has the authority to access and edit the data.	The system main page. The manager can choose what page they are going to access. (Manage Admin, Manage Product, Manage Sales, Manage Request.)
Product Update	The system add, remove and save product information keyed in by manager into the database and generate a chart to show the prices.	Updated product data and a chart showing the ProductID and prices.
Manage Sales	The system add, remove and save the product sales keyed in by the manager into the database and generate a chart to show the total sales.	Updated product sales data and a chart showing the total sales by year.
Manage Customer Request	The system add, remove and save the customer request into the database.	The request will be shown and the manager can take action whether to take action or ignore the request.
Logout Button	The manager will be logging out from the system.	The system will go back to the login page.

PRODUCTS TREND ANALYSIS SYSTEM USE CASE DIAGRAM



PRODUCTS TREND ANALYSIS SYSTEM CONTEXT DIAGRAM



INITIAL SKETCHES

◇ LOGIN PAGE

99 SPEEDMART

PRODUCTS TREND
ANALYSIS SYSTEM
(PTAS)

USERNAME _____

PASSWORD _____

LOGIN

◇ HOME PAGE

PTAS

LOG OUT

MANAGE ADMIN

MANAGE PRODUCT

MANAGE PRICE

PERFORMANCE REPORT

99 SPEEDMART PTAS

[WELCOME TO THE ...]

◇ MANAGE ADMIN

MANAGE ADMIN

Manage Admin

Password: _____

Username: _____

ADD REMOVE SAVE

Password	Username

INITIAL SKETCHES

MANAGE PRODUCTS

PTAS LOG OUT

[MANAGE PRODUCT]

Manage Product

Product ID:

Product Name:

Price:

ADD REMOVE SAVE

Product ID	Product Name	Price

PRICE

MANAGE PRODUCT SALES

PTAS LOG OUT

[MANAGE PRODUCT SALES]

Manage Product Sales

Product ID: Year:

Total Sales: Price:

ADD REMOVE SAVE

Product ID	Year	Total Sales	Price

Sales

MANAGE CUSTOMER REQUEST

MANAGE CUSTOMER REQUEST

Manage request

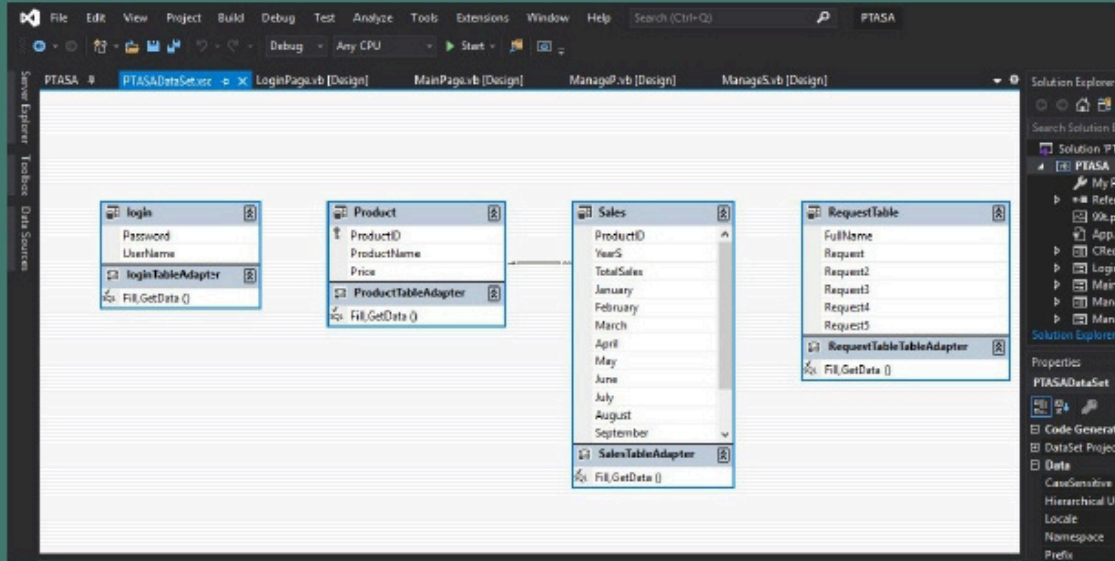
Fullname: ADD

Request: REMOVE

Request: SAVE

Fullname	Request	Request	Request

DATABASE DESIGN



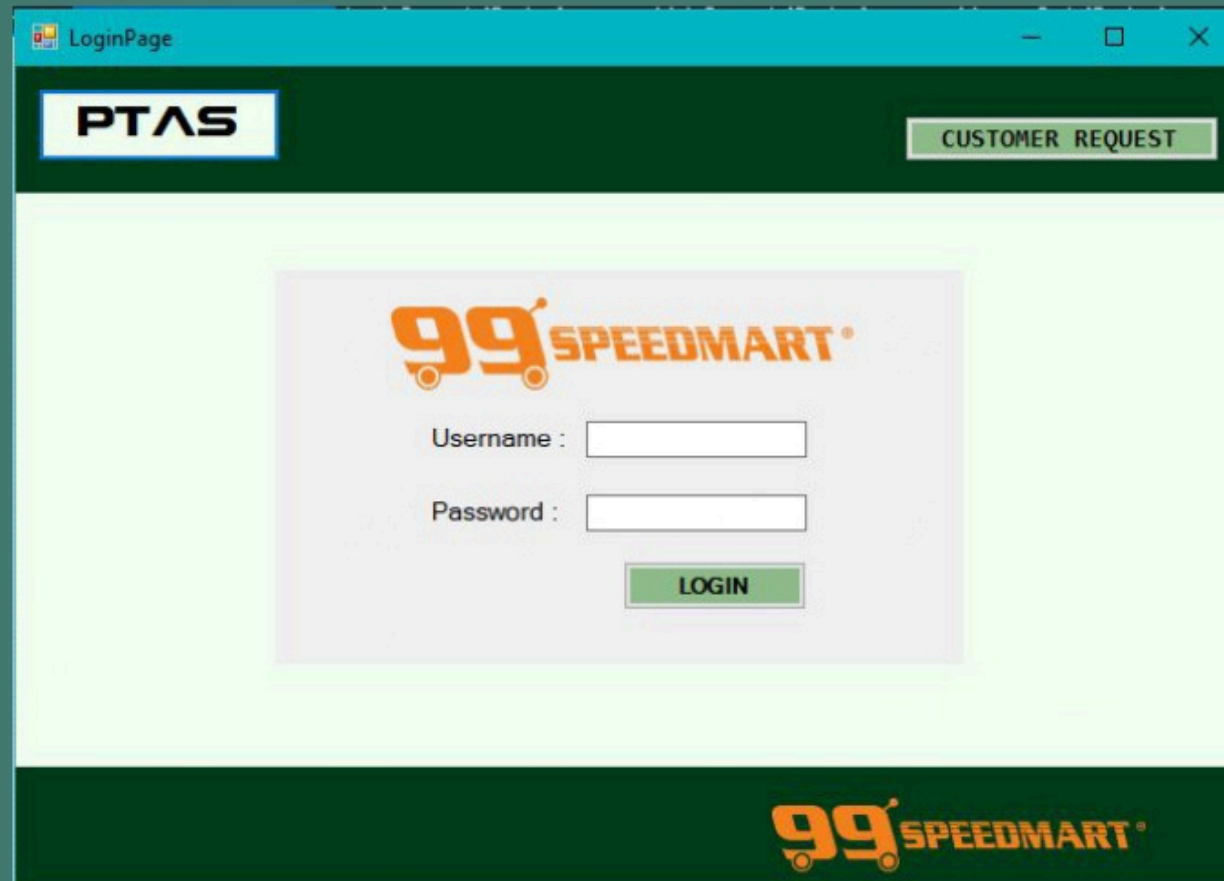
Microsoft Access showing the Sales table. The table has columns: ProductID, YearS, TotalSales, January, and February. The data shows sales for ProductID 002 in 2018 (560), 001 in 2020 (1200), 002 in 2020 (2200), and 004 in 2022 (2200). A new row is being added with ProductID 0, YearS 0, TotalSales 0, and January 0.

Microsoft Access showing the RequestTable table. The table has columns: FullName, Request, Request2, Request3, Request4, and Request5. The data shows requests for 'FARHANA' (NESCAFE, WAFFLE, MAGGI, M&N, ICE CREAM), 'SAMANTHA TIC' (MEGGI, COKE, 100PLUS, CHIPS), and 'Mdam Rozana' (Maggi, Coffee, Breeze).

Microsoft Access showing the login table. The table has columns: Username and Password. The data shows login attempts for 'admin' (admin), 'sam' (sam), and 'rozana' (rozana).

SYSTEM INTERFACE

LOGIN PAGE



The screenshot shows a web browser window titled "LoginPage". The header is dark green with the "PTAS" logo on the left and a "CUSTOMER REQUEST" button on the right. The main content area is white and features a light purple box with the "99 SPEEDMART" logo. Below the logo are input fields for "Username" and "Password", followed by a green "LOGIN" button. The footer is dark green with the "99 SPEEDMART" logo.

LoginPage

PTAS

CUSTOMER REQUEST

99 SPEEDMART

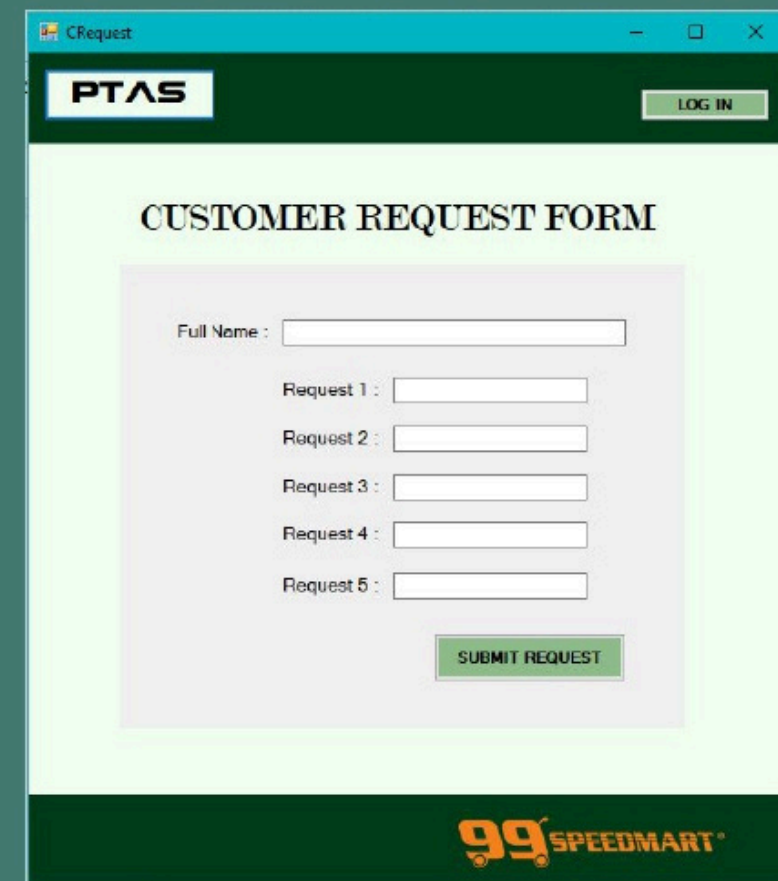
Username :

Password :

LOGIN

99 SPEEDMART

CUSTOMER REQUEST FORM



The screenshot shows a web browser window titled "CRequest". The header is dark green with the "PTAS" logo on the left and a "LOG IN" button on the right. The main content area is white and features the title "CUSTOMER REQUEST FORM". Below the title is a light purple box containing a form with input fields for "Full Name", "Request 1", "Request 2", "Request 3", "Request 4", and "Request 5", followed by a green "SUBMIT REQUEST" button. The footer is dark green with the "99 SPEEDMART" logo.

CRequest

PTAS

LOG IN

CUSTOMER REQUEST FORM

Full Name :

Request 1 :

Request 2 :

Request 3 :

Request 4 :

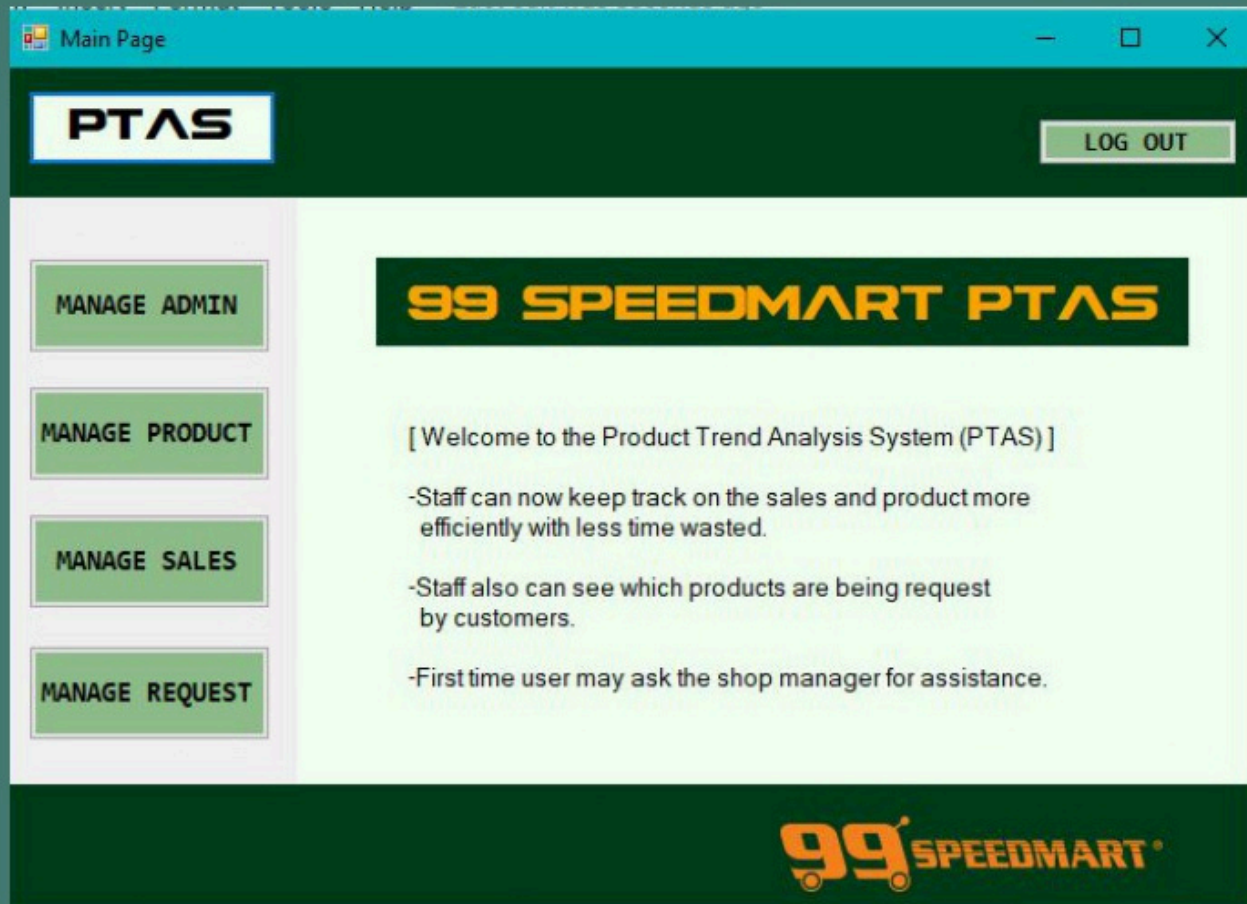
Request 5 :

SUBMIT REQUEST

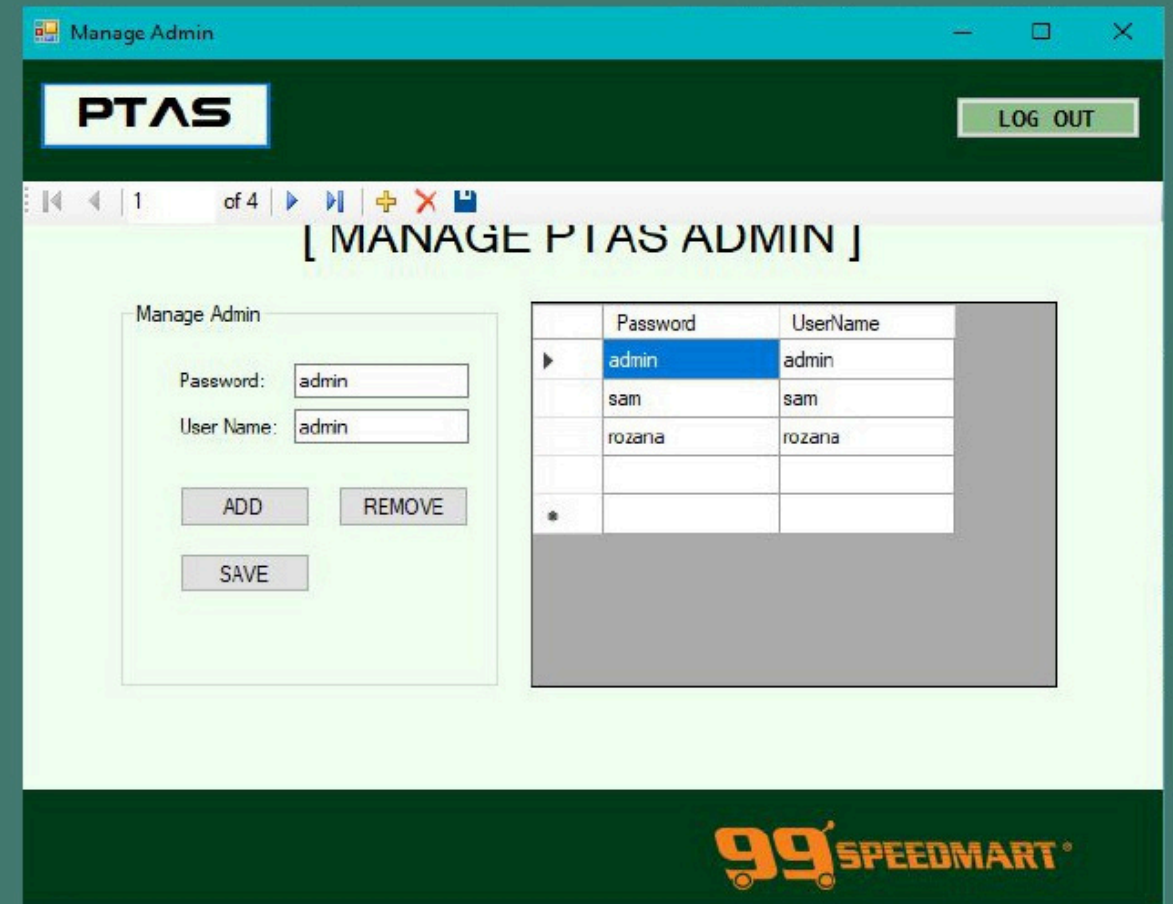
99 SPEEDMART

SYSTEM INTERFACE

HOMEPAGE

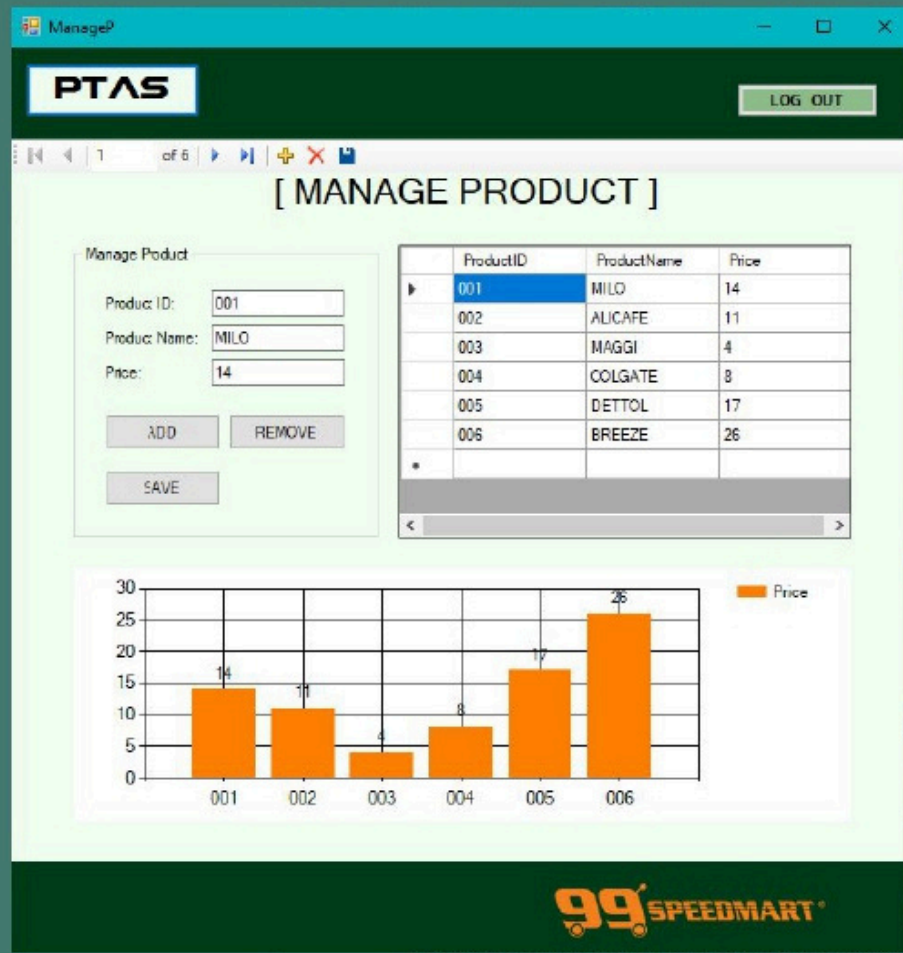


ADMIN PAGE (ADD NEW USER)

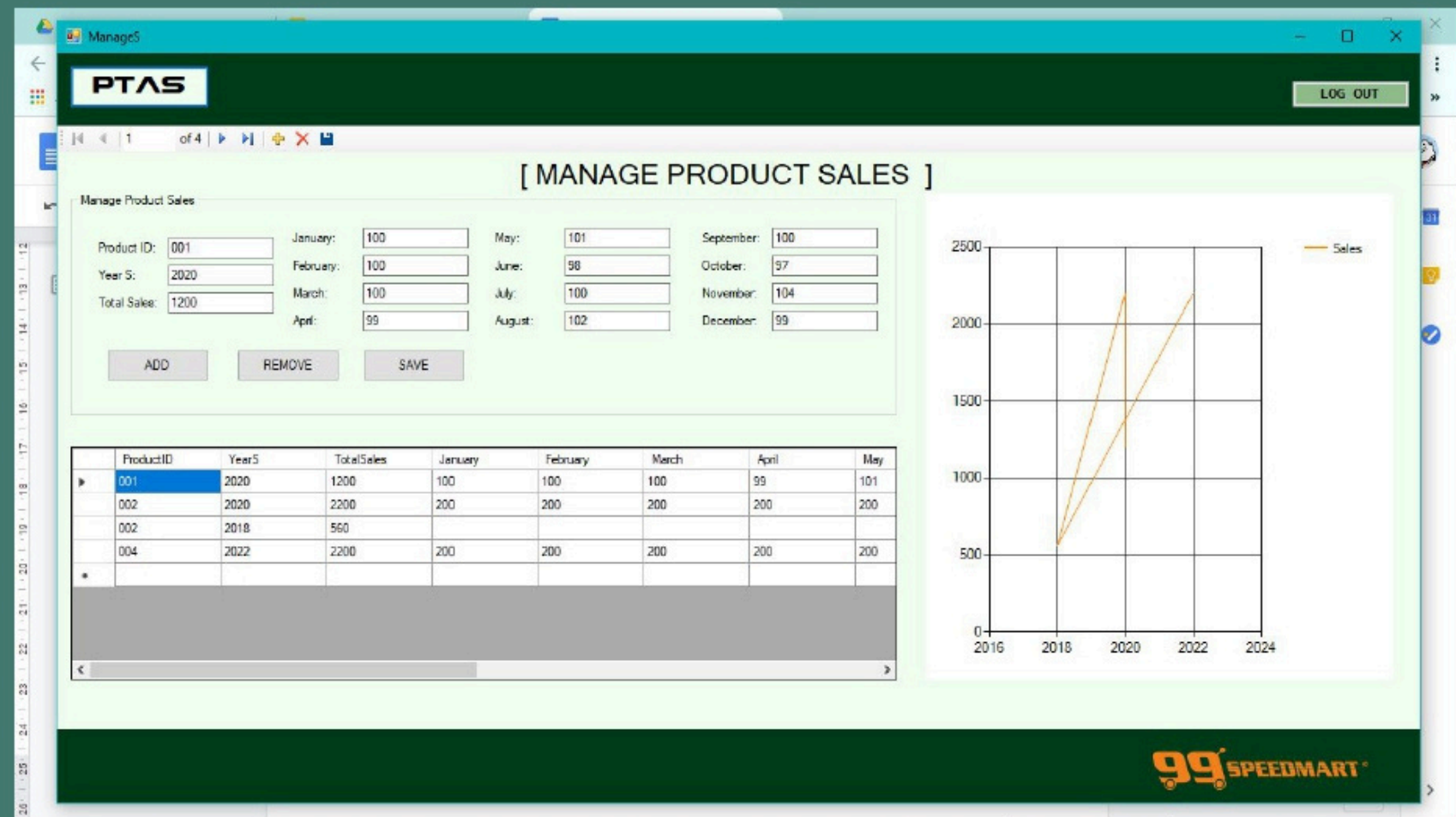


SYSTEM INTERFACE

MANAGE PRODUCT



MANAGE PRODUCT SALES



SYSTEM INTERFACE

ManageR

PTAS LOG OUT

1 of 3

[MANAGE CUSTOMER REQUEST]

Manage Request

Full Name: ADD

Request: Request2: REMOVE

Request3: Request4: SAVE

Request5:

	FullName	Request	Request2	Request3	Request4	Request5
▶	FARHANA	NESCAFE	WAFFLE	MAGGI	M&N	ICE CREAM
	SAMANTHA TIO...	MEGGI	COKE	100PLUS	CHIPS	
	Mdam Rozana Bi...	Maggi	Coffee	Breeze		
•						

99 SPEEDMART

MANAGE CUSTOMER REQUEST PAGE

(ADMIN CAN SEE REQUESTED ITEMS, RESTOCK THEM AND REMOVE THE REQUEST.)

TERIMA KASIH
THANK YOU!!
TERIMA KASIH

FOR FURTHER DETAILS;

[CLICK HERE](#)

OR COPY THIS LINK;

<https://drive.google.com/file/d/1nht3BV7l9UNEdx6sSlZ5DzobYUzvkbZ/view?usp=sharing>

[BACK TO PROJECTS](#)

「IMPROVISING AUDIO PLAYER APP」

Main Objectives:

- Improve the user interface of one of the existing applications on Google Play.
- Add at least one extra feature to the application, theoretically.

🎵 Tools:
Proto.io

🎵 Duration:
A Week

🎵 Team Members:
Consist 5 Members,
3 Designer,
2 Researcher,

🎵 My Role:
UI Designer
Brainstormer
Project Leader

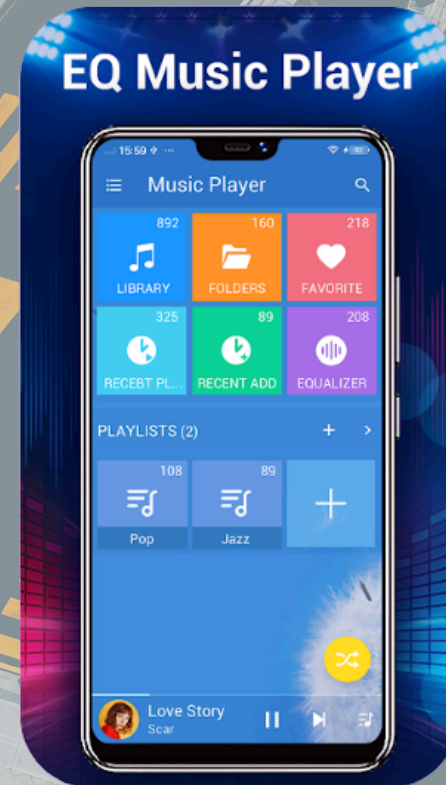
This design was a group assignment under the "Mobile Programming" subject. The chosen application was "Music Player App", only available on android with some impressive features. However, the interface is quite outdated. Alongside a new refreshing look, our team has added various new features in the new application prototype.

ORIGINAL USER INTERFACE

Professional EQ Music Player



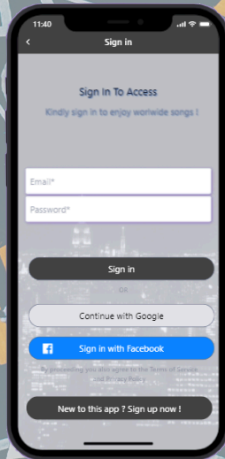
EQ Music Player



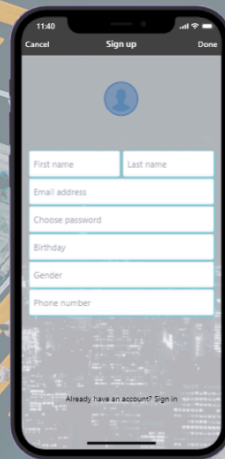
IMPROVISED USER INTERFACE

THE NEW DESIGN NOW HAS A SIGN-UP AND SIGN-IN FUNCTION.

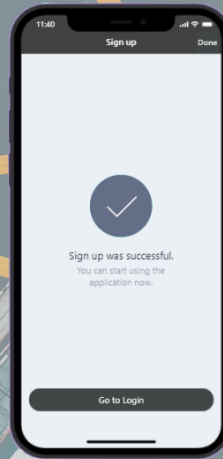
THE USER NOW CAN VIEW THEIR PROFILE.



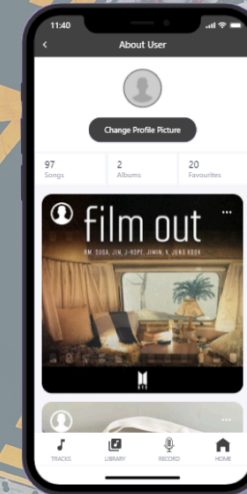
• LOGIN PAGE



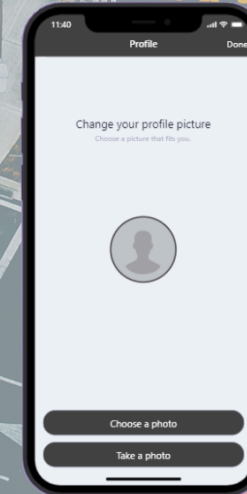
• SIGN-UP PAGE



• VERITIFICATION PAGE



• USER PAGE

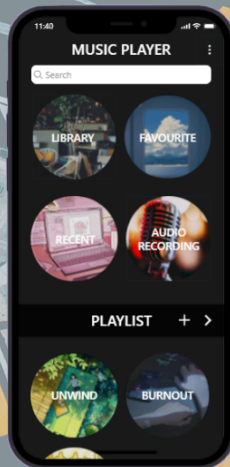


• LOGOUT PAGE

IMPROVISED USER INTERFACE



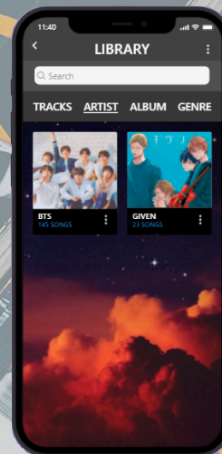
THE DESIGN IS MUCH MORE MODERN, MINIMALISTIC AND UP TO DATE.



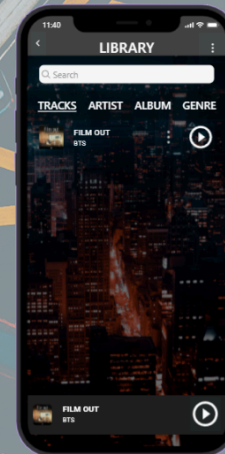
• HOMEPAGE



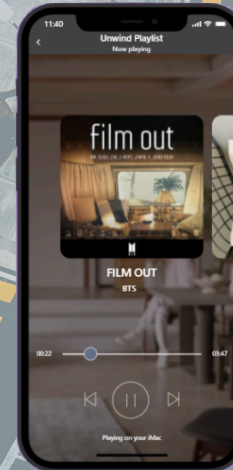
• AUDIO
RECORDING



• LIBRARY



• MUSIC
LIBRARY



• MUSIC
PLAYER

「MINI PROJECTS」

THE COMPILATION OF MY OTHER DIPLOMA ASSIGNMENTS AND MINI-PROJECTS.

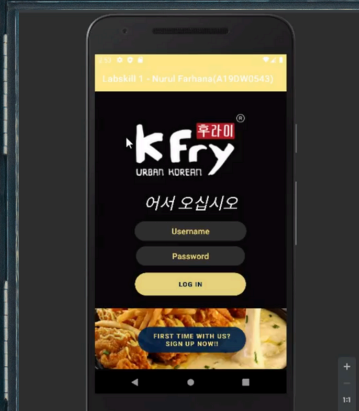
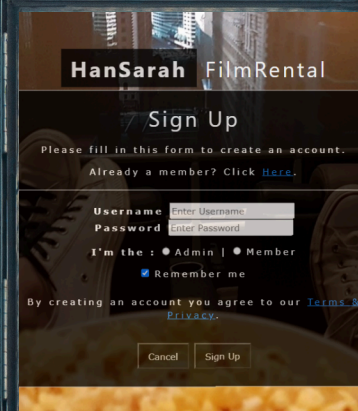
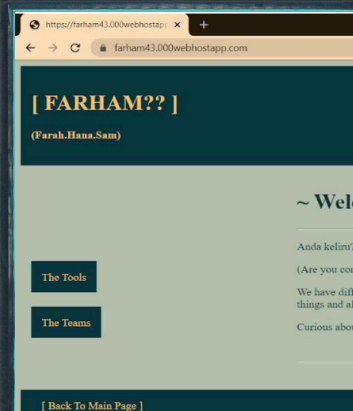
SHMIE

FARHAM

FILM RENTAL

ANDROID

ACADEMY



「HANSARAH FILM RENTAL WEBSITE」

**A group project for the "Web Programming" subject.
An online prototype of a movie rental website using
HTML and PHP. Consist three team members.**

 MY ROLES:

- Team Leader.
- Database Manager.
- Website Designer.

 TOOLS:

- 000WebHost.
- Notepad

DURATION:

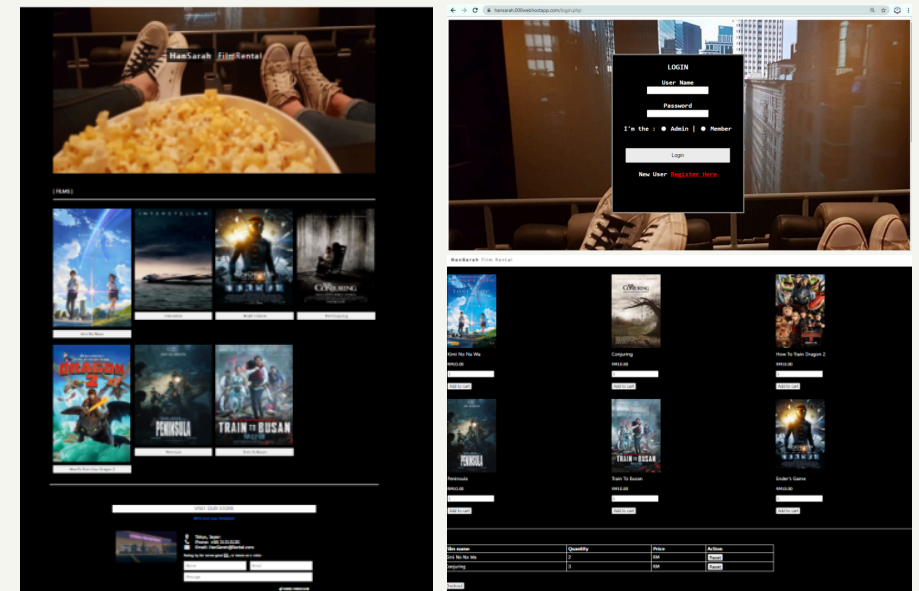
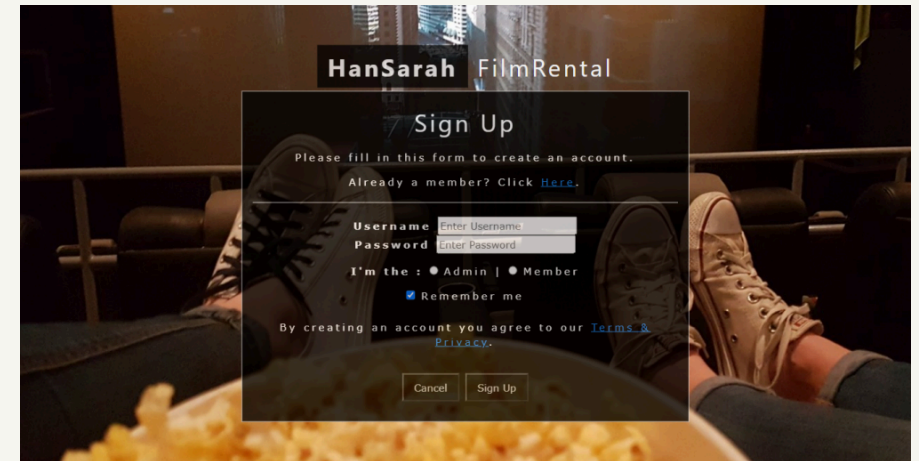
- **A Month.**

For More Details;

<https://drive.google.com/file/d/10rkLP9UCb8ySkJbO-kjJBLA3REqyr8Hh/view?usp=sharing>

DETAILS

「WEBSITE INTERFACE」



「FARHAM MULTI- USAGE WEBSITE」

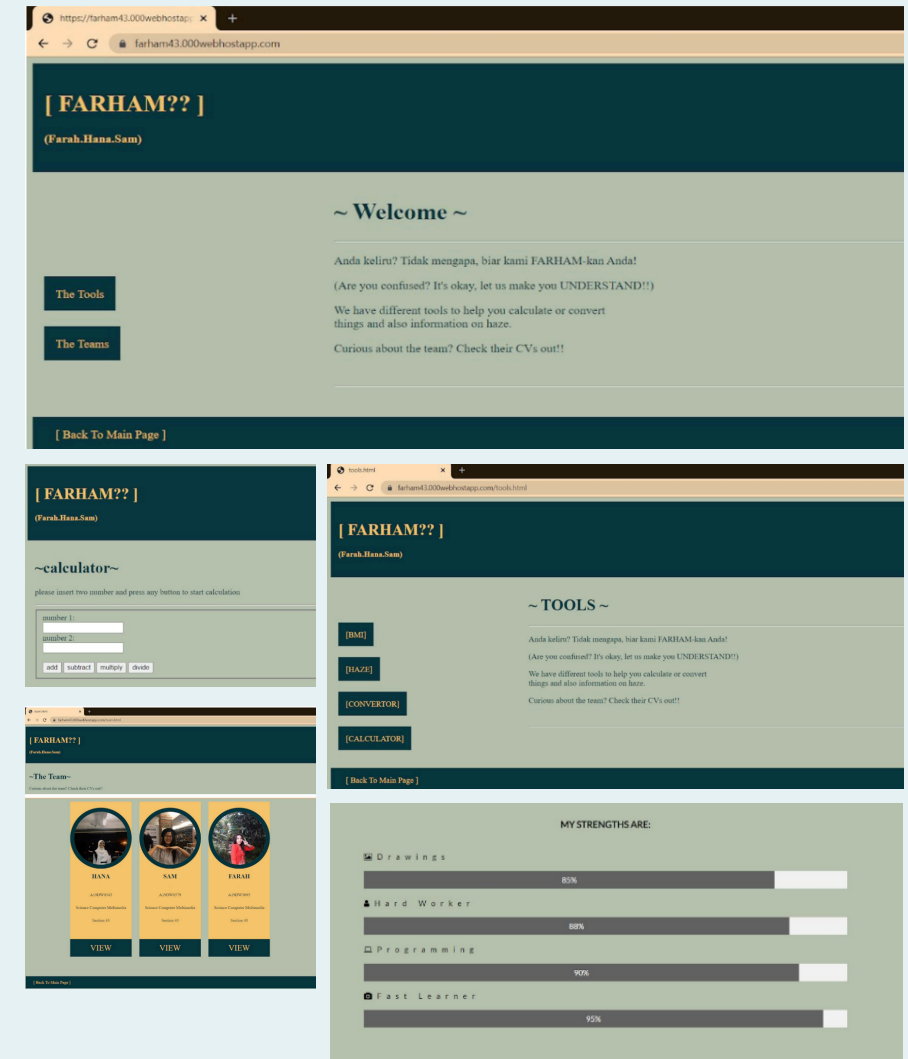
A group assignment for the "Web Programming" subject, built using PHP and HTML. It's an online multi-usage website containing a converter, calculator, BMI calculator, and haze indicator. The page includes team members profiles in the main menu.

For More Details;

<https://drive.google.com/file/d/157lixOa3Jk4ySIQ6QXIYHkd0QwbVLUP0/view?usp=sharing>

DETAILS

「WEBSITE INTERFACE」



「HANSARAH ACADEMY」

(MICROSOFT ACCESS DATABASE)

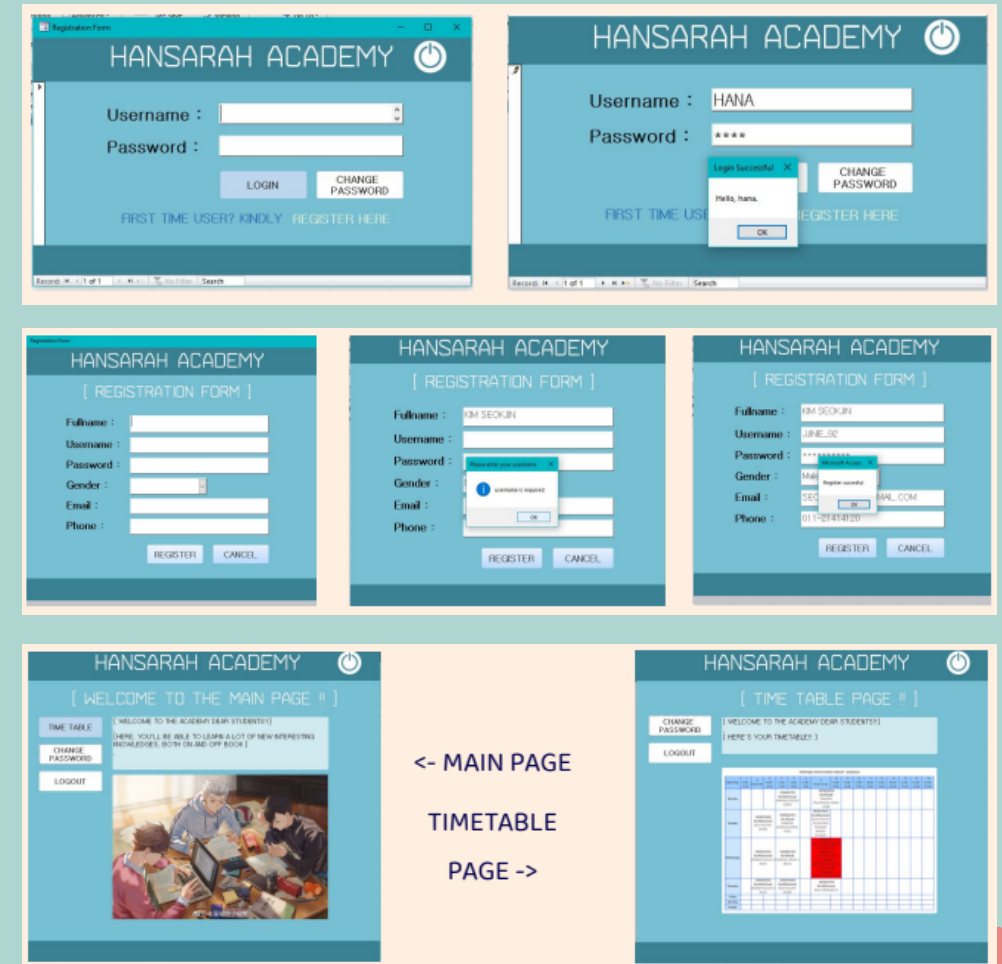
A project for the "Database" subject, built using Microsoft Access. It's a simple system that allows users to log in, sign-up, change passwords and see their timetable. HanSarah indicates the team members' names; Farhana, Sam and Farah.

For More Details;

<https://drive.google.com/file/d/Im-3RI5lO85qh3N3q9YQRilo4BPqxhirY/view?usp=sharing>

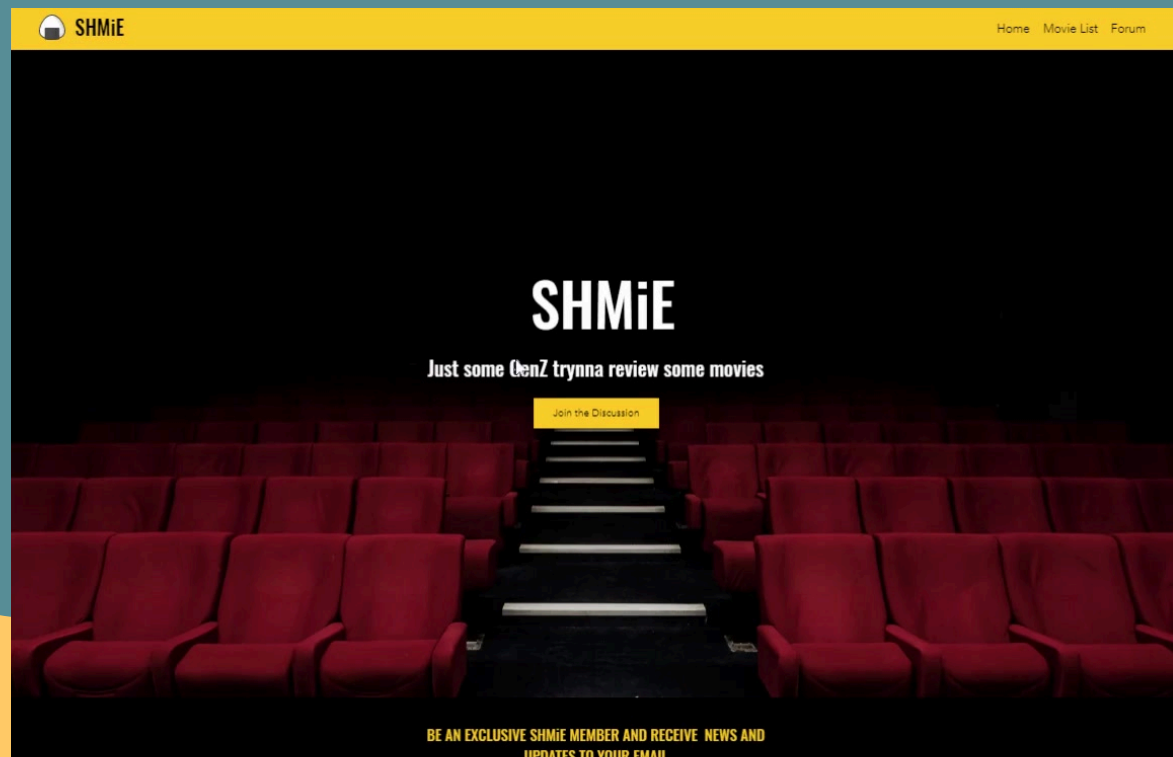
DETAILS

「WEBSITE INTERFACE」



「SHMiE MOVIE REVIEW WEBSITE」

- WEBSITE DEMONSTRATION -



- ABOUT -

A group assignment for the "Multimedia Application Development" subject, built using Wix. Users can view the movie review and watch trailers of the movies. "SHMiE" stands for the group members' names; (S)am, Far(H)ana, (Hi)lmi and (E)man.

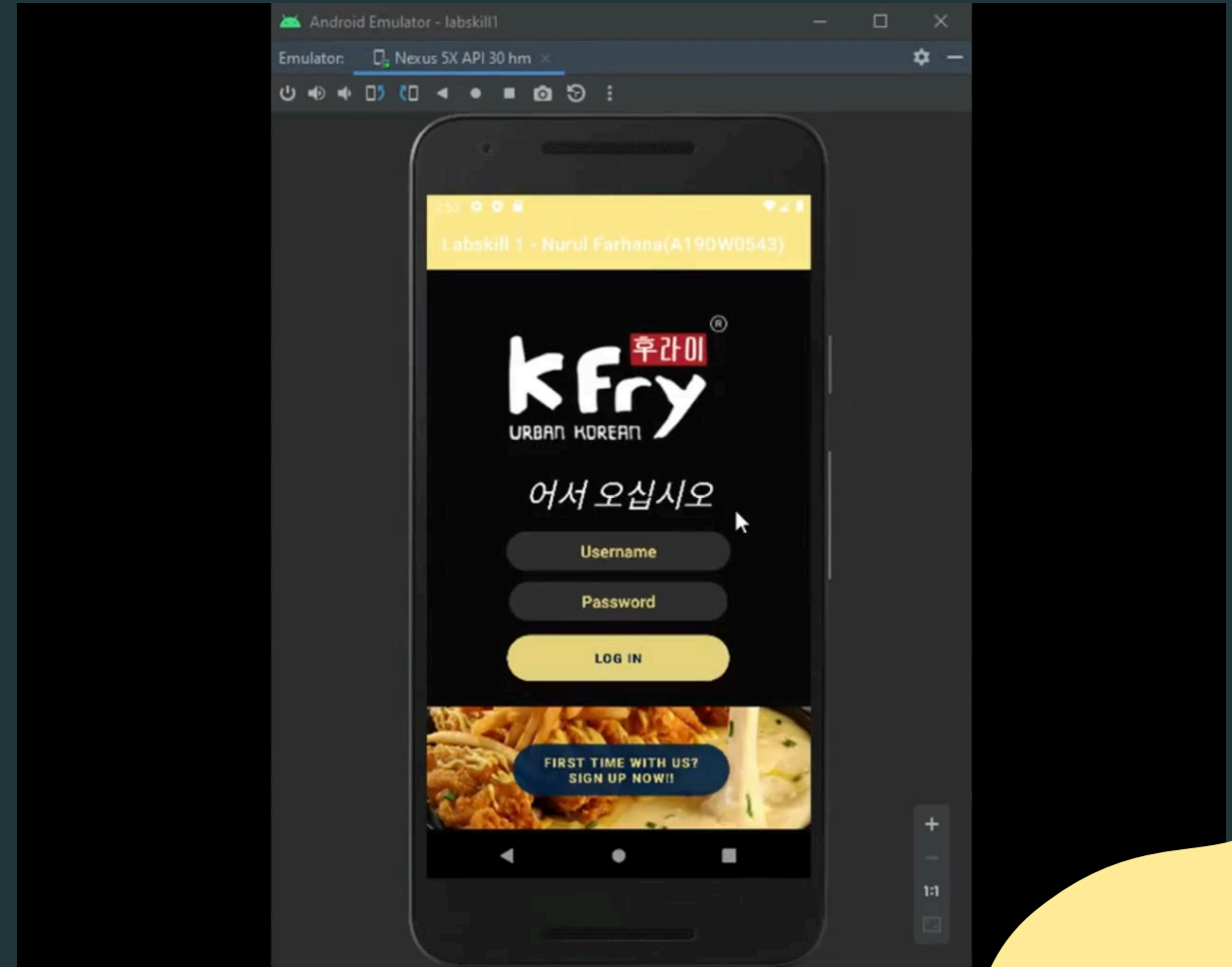
For More Details;

<https://cher20019.wixsite.com/labskill1>

DETAILS

「ANDROID STUDIO SIMPLE LOGIN FUNCTION」

A simple login, signup and update profile features on Android Studio using the "Shared Preference" function. I designed this based on the famous KFry franchise. The Korean word in the login means "Welcome."



THANK YOU

「FOR CHECKING OUT MY PORTFOLIO. HAVE A GOOD DAY!」

FRONT PAGE

PROJECTS

ABOUT ME

