



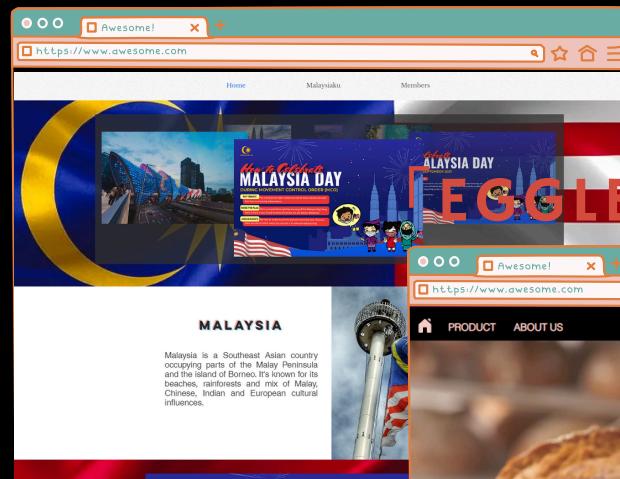
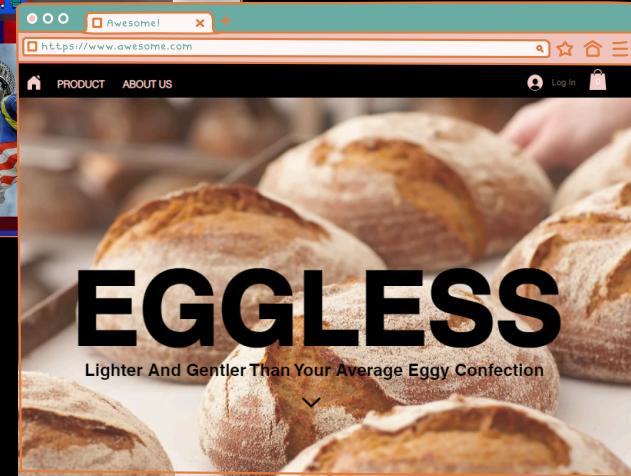
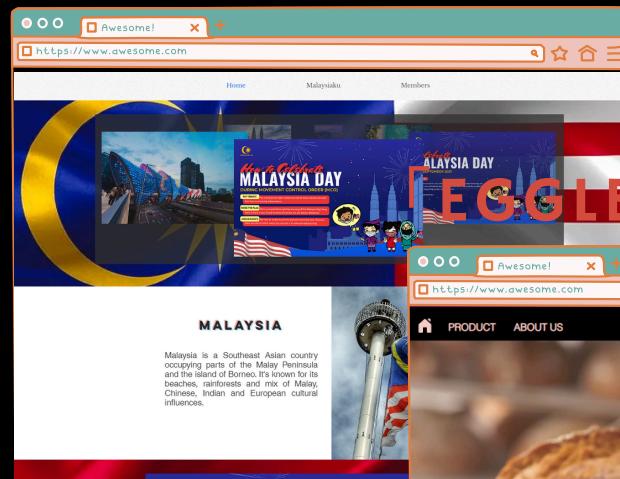
NURUL FARHANA ZAINAL RASHID

# 「DIPLOMA PORTFOLIO」

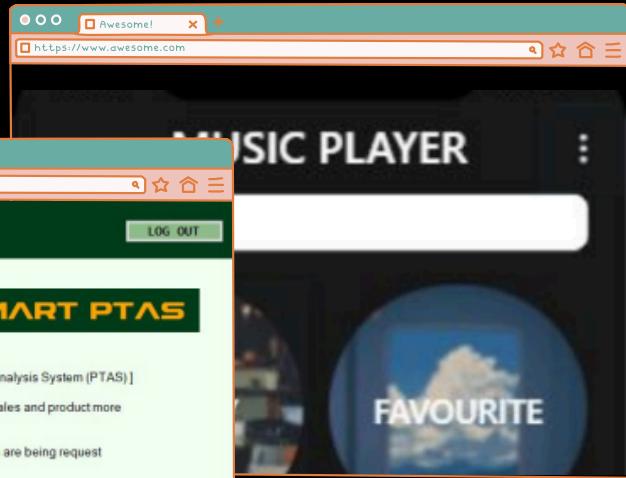
DEC 2021



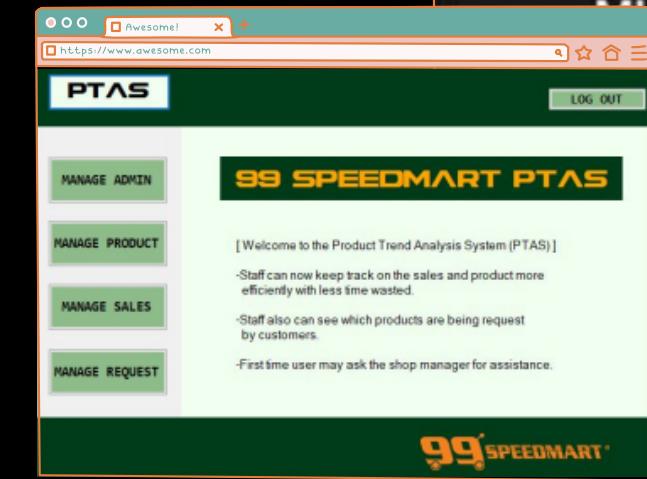
# 「PROJECTS」



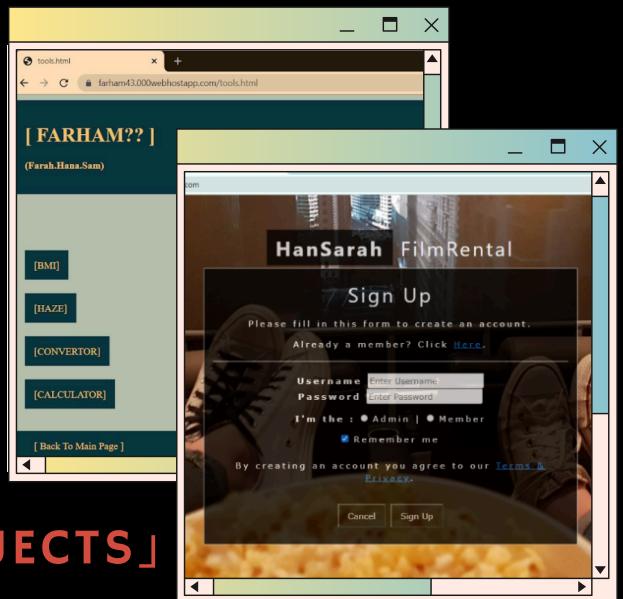
# 「IMPROVISE」



# 「PTAS」



# 「MINI PROJECTS」

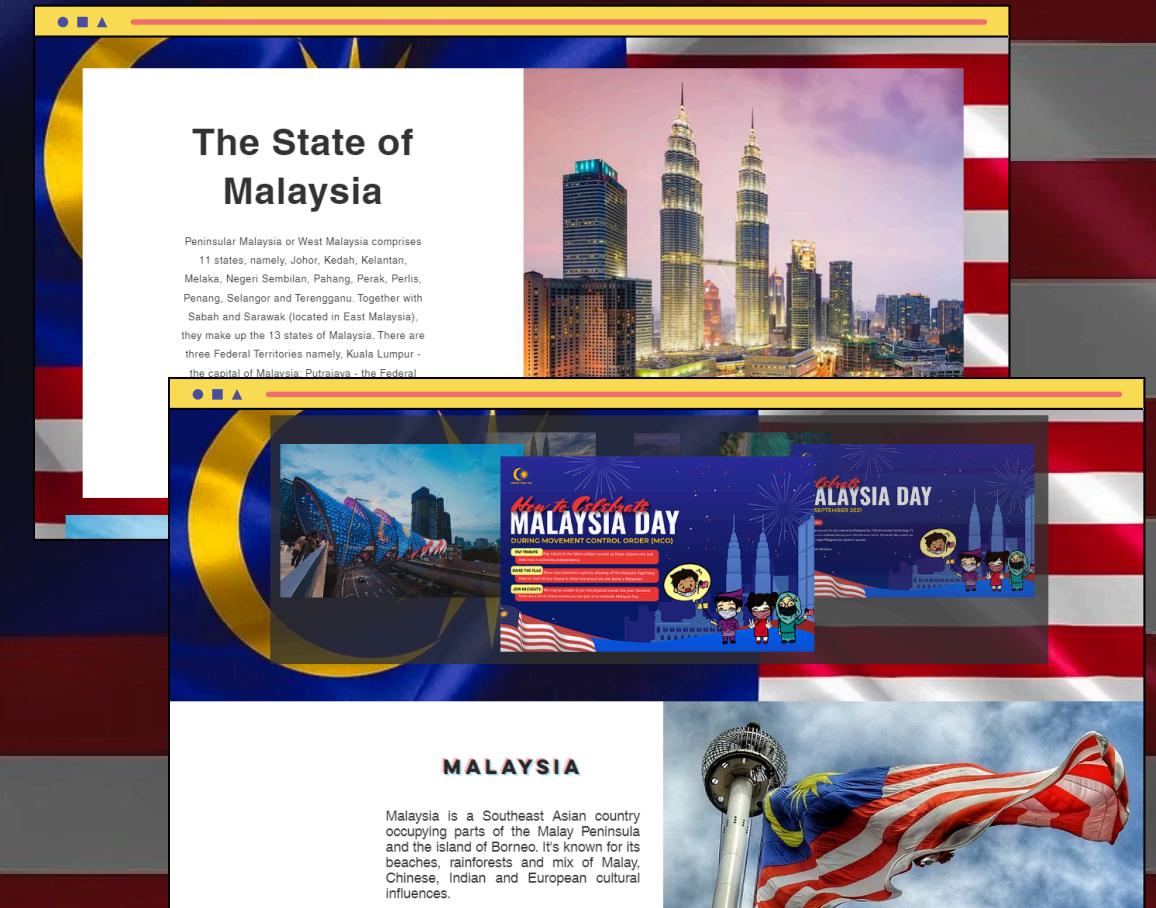


# 「MALAYSIAKU!」

"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



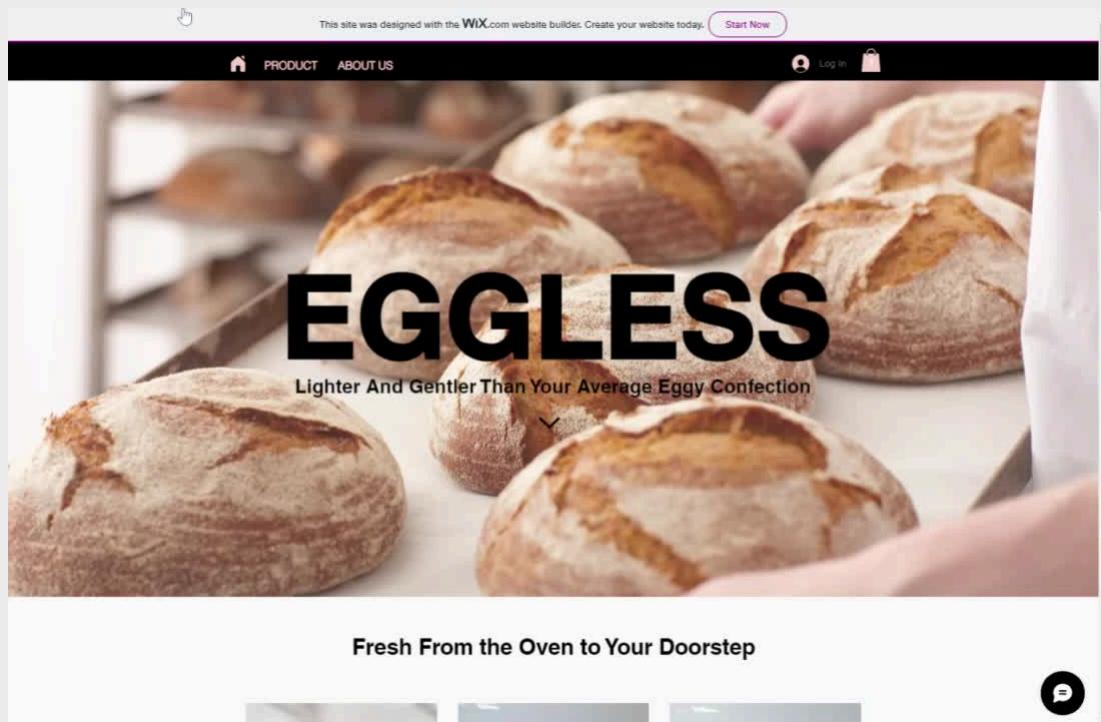
# EGGLESS BAKERY

「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.

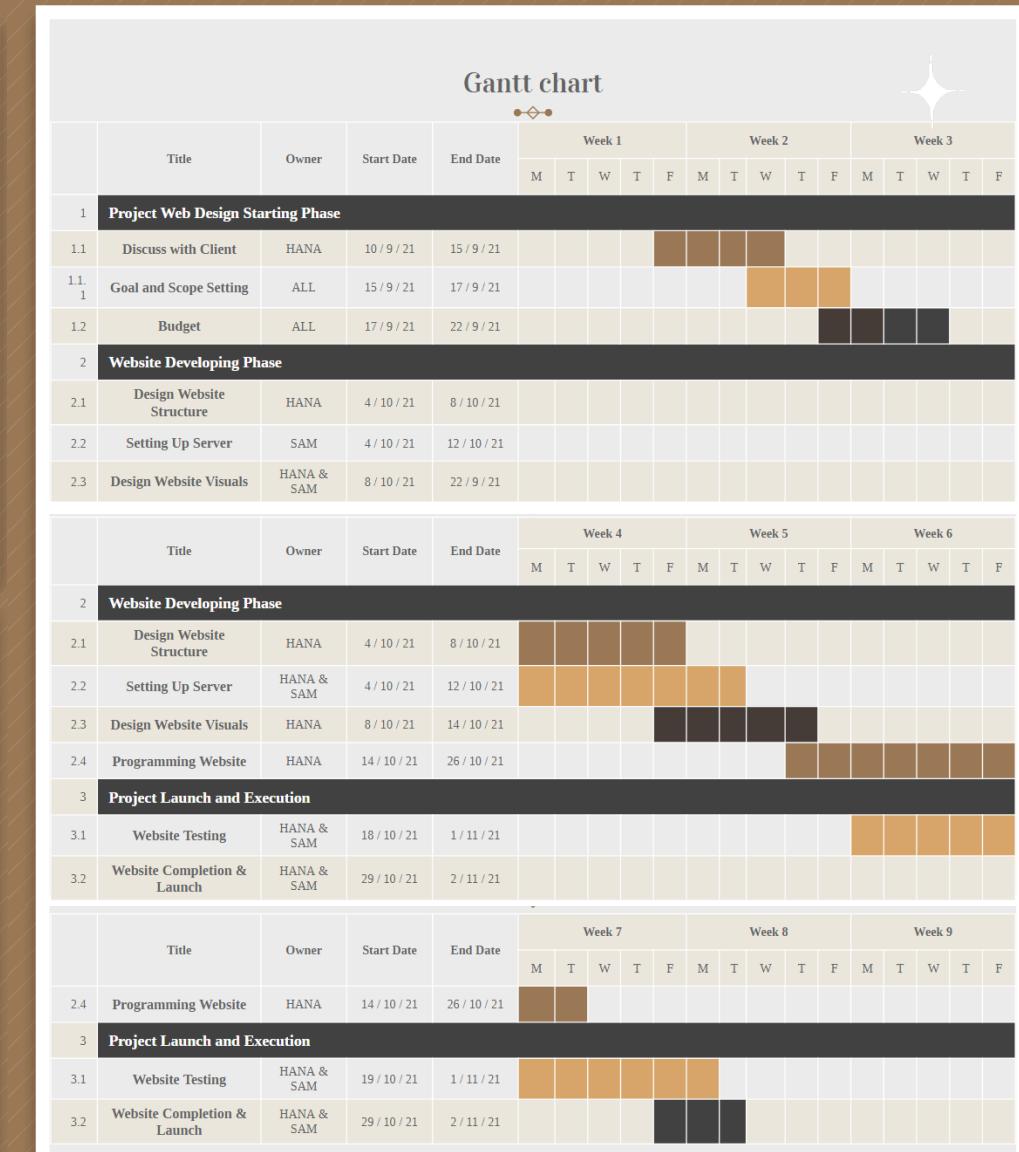
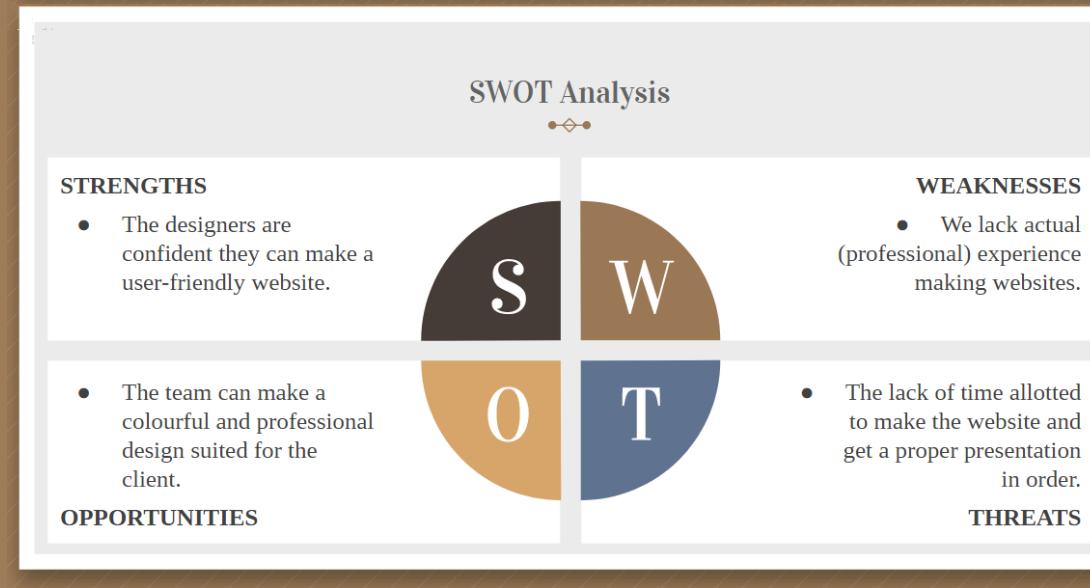
The aim was to create a fully-functional eye-catching website that highlights the client's product identity. It should help our client to expand her business and introduce eggless products.

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

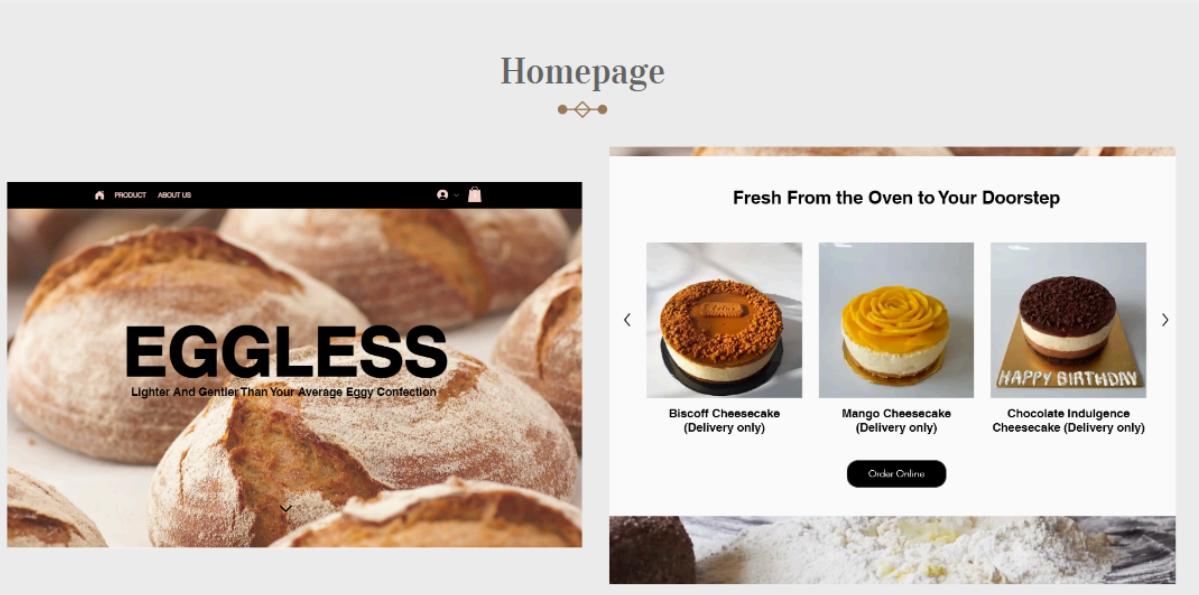


# 「PROJECT SCOPE, SWOT ANALYSIS AND GANTT CHART」

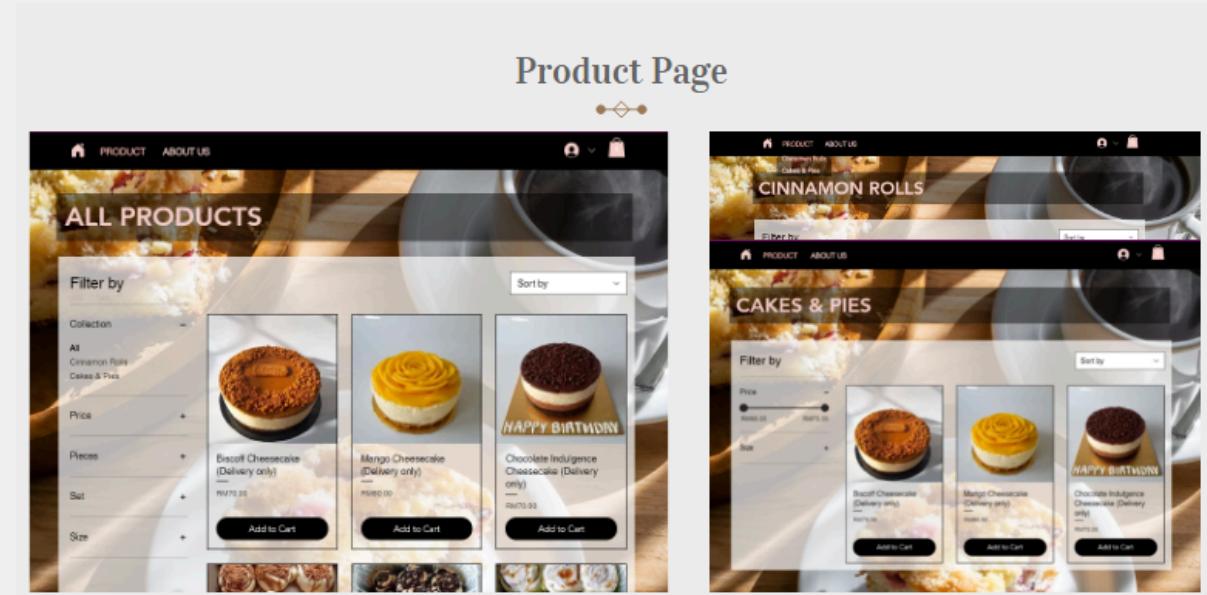


# 「SAMPLES OF WEBSITE INTERFACE」

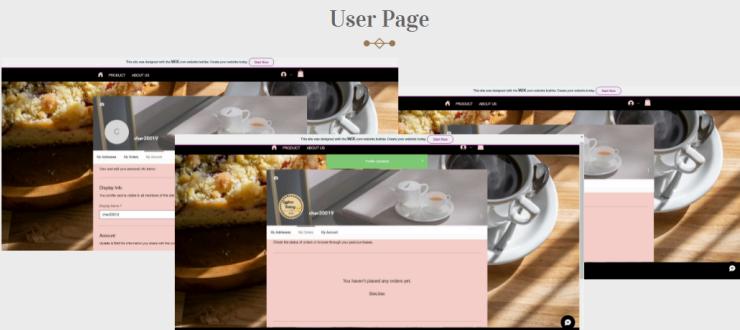
Homepage



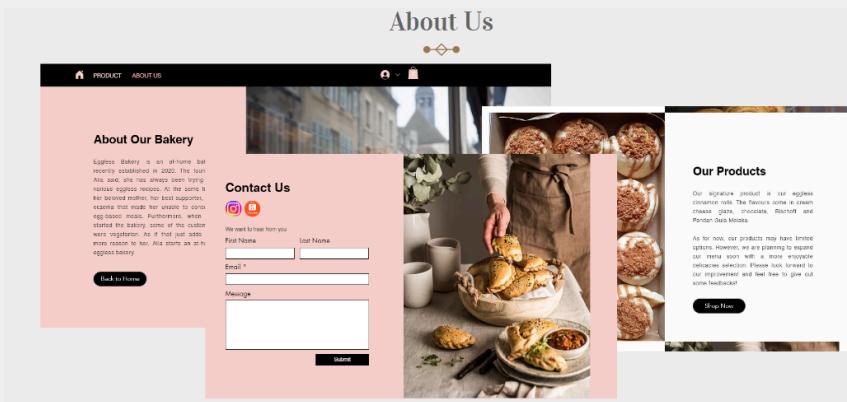
Product Page



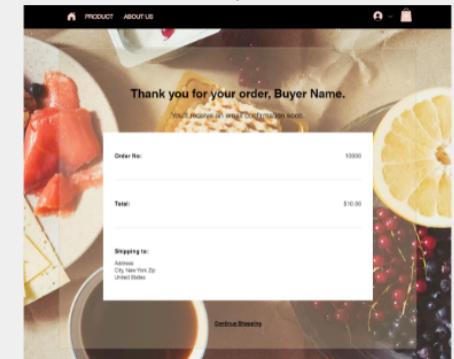
User Page



About Us



Thank You page

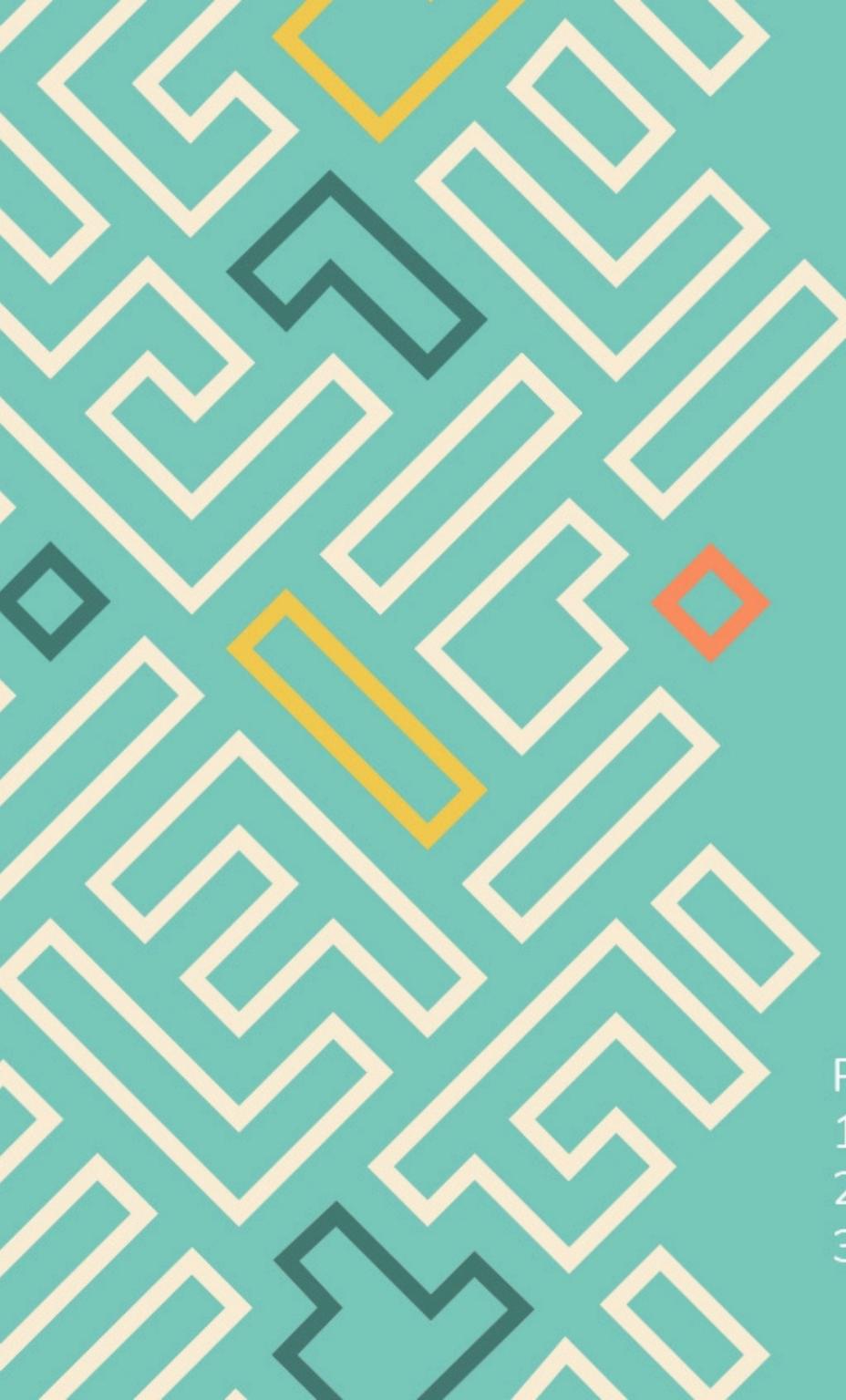


# EGGLESS BAKERY



HOME | Eggless Bakery  
(wixsite.com)

[BACK TO PROJECTS](#)



# **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

# PROJECT OVERVIEW

## 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 OVERVIEW

## PROJECT SCOPE

<b>MISSION STATEMENT</b>	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.
<b>STAKEHOLDERS</b>	<ul style="list-style-type: none"> <li>• Investors</li> <li>• Employees</li> <li>• Suppliers</li> <li>• Customers</li> </ul>
<b>GOALS</b>	<ul style="list-style-type: none"> <li>• provide better services for customer</li> <li>• systematic system</li> <li>• monitor and control product supply</li> </ul>
<b>OBJECTIVE</b>	Create a system that helps to track the trends of products on demand and fulfill customer majority requests.

## SWOTS

STRENGTHS	WEAKNESS
<ul style="list-style-type: none"> <li>• can keep track of products on demand</li> <li>• fulfill customer requests</li> </ul>	<ul style="list-style-type: none"> <li>• workers need to keep updated of the products on demand</li> </ul>
OPPORTUNITIES	THREATS
<ul style="list-style-type: none"> <li>• increase in sales</li> <li>• better services</li> </ul>	<ul style="list-style-type: none"> <li>• hard to update when time change</li> <li>• unexpected issues such as covid-19</li> <li>• delayed supplier</li> </ul>

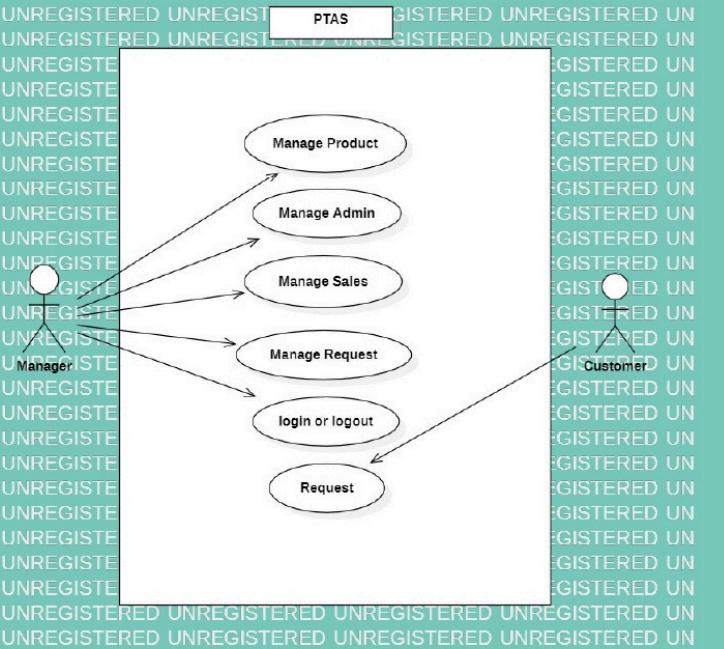
## TOES

99 SPEEDMART	Delivery System	Temperature System	Products Trend Analysis System
Technical	<ul style="list-style-type: none"> <li>• Motorcycle (x)</li> <li>• Hire (x)</li> <li>• Device (x)</li> </ul>	<ul style="list-style-type: none"> <li>• Scanner Machine (x)</li> <li>• Website (/)</li> </ul>	<ul style="list-style-type: none"> <li>• Software (/)</li> </ul>
Operational	<ul style="list-style-type: none"> <li>• Developer Team (/)</li> </ul>	<ul style="list-style-type: none"> <li>• Developer Team (/)</li> </ul>	<ul style="list-style-type: none"> <li>• Developer Team (/)</li> </ul>
Economic	<ul style="list-style-type: none"> <li>• Device(RM2,000) (x)</li> <li>• Motorcycles (RM20,000) (x)</li> </ul>	<ul style="list-style-type: none"> <li>• Computer (/)</li> <li>• Auto temperature scanner (RM500) (x)</li> </ul>	<ul style="list-style-type: none"> <li>• Computer (/)</li> </ul>
Schedule	<ul style="list-style-type: none"> <li>• 3 Months (x)</li> </ul>	<ul style="list-style-type: none"> <li>• 3 Months (x)</li> </ul>	<ul style="list-style-type: none"> <li>• 2 Months (/)</li> </ul>

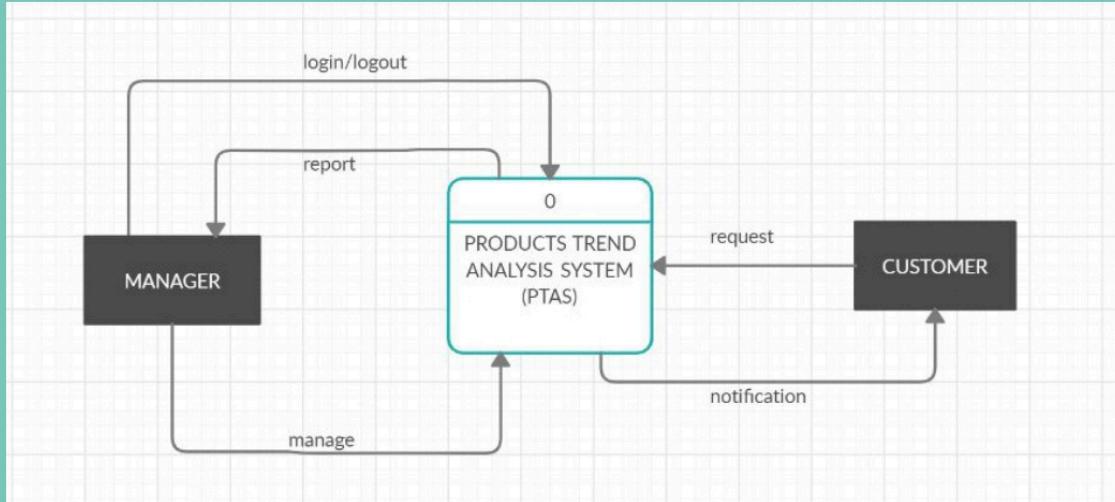
## PROJECT IPO

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

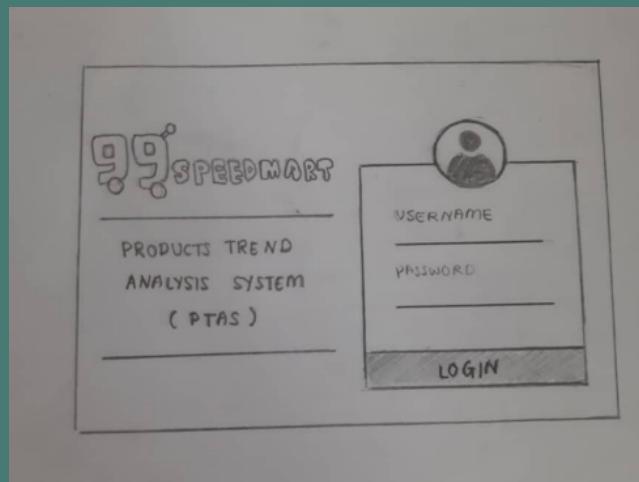


# PRODUCTS TREND ANALYSIS SYSTEM CONTEXT DIAGRAM

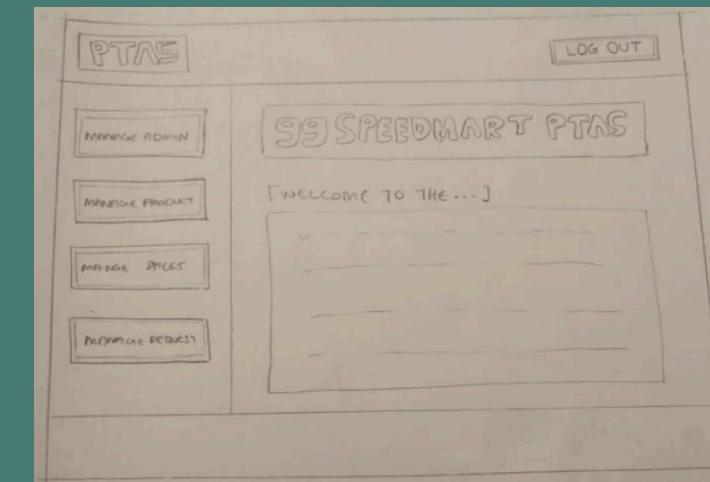


# INITIAL SKETCHES

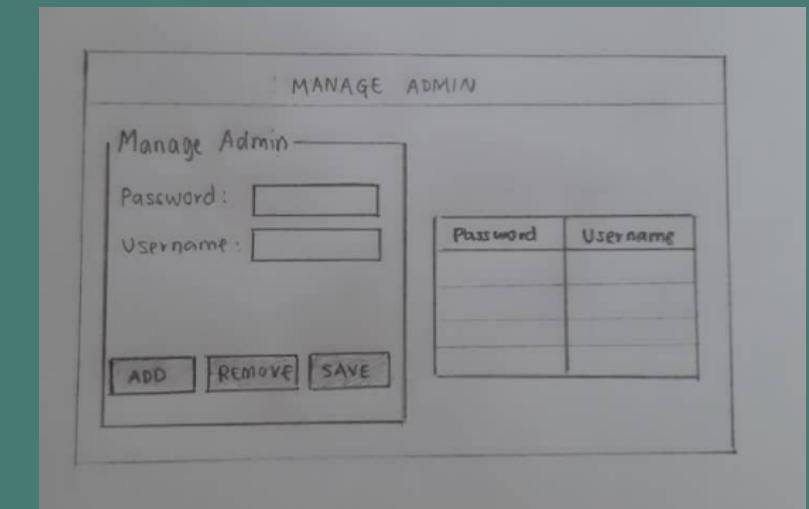
◆ LOGIN PAGE



◆ HOME PAGE



◆ MANAGE ADMIN



# INITIAL SKETCHES

◆ **MANAGE  
PRODUCTS**

PTAS

[MANAGE PRODUCTS]

Manage Product

Product ID	Product Name	Price
1	Item A	100
2	Item B	200
3	Item C	300
4	Item D	400
5	Item E	500

[MANAGE PRODUCTS]

Product ID:  Date:  -

Product Name:  Total Sales:

[ADD] [REMOVE] [SAVE]

PRICE

A bar chart showing sales data for five products.

◆ **MANAGE PRODUCT  
SALES**

PTAS

[MANAGE PRODUCT SALES]

Manage Product Sales

Product ID	Month	Year	Sales
1	JAN	2023	100
2	FEB	2023	200
3	MAR	2023	300
4	APR	2023	400
5	MAY	2023	500

[MANAGE PRODUCT SALES]

Product ID:  Year:  -

Total Sales:  Month:  -

[ADD] [REMOVE] [SAVE]

A line graph showing monthly sales over time.

◆ **MANAGE CUSTOMER  
REQUEST**

MANAGE CUSTOMER REQUEST

Manage request

Fullname:  ADD

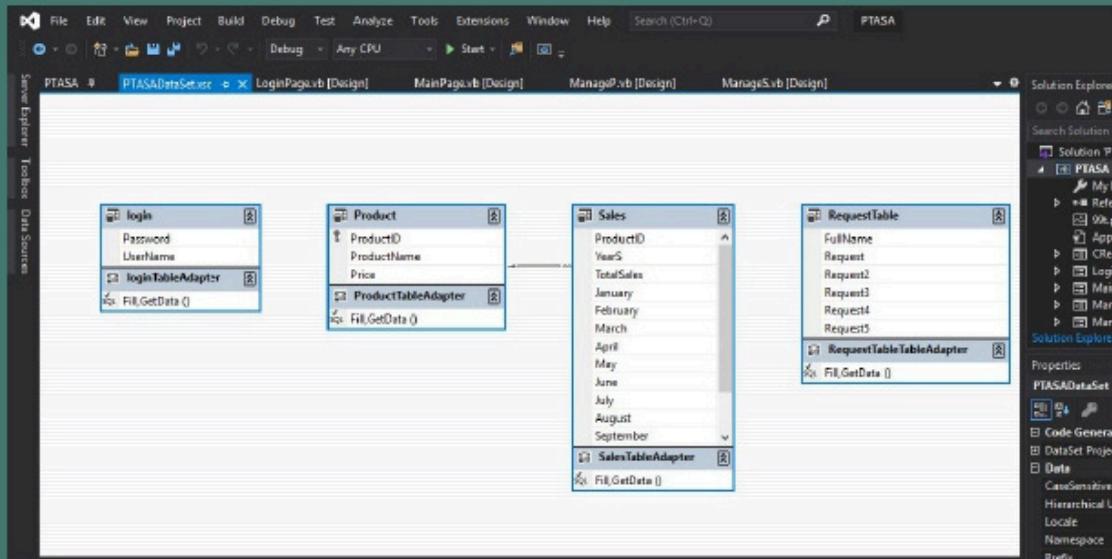
Request:  REMOVE

Request:  SAVE

Request:

Fullname	Request	Request	Request
John Doe	High Priority	Medium Priority	Low Priority
Jane Smith	High Priority	Medium Priority	Low Priority
Bob Johnson	High Priority	Medium Priority	Low Priority
Sarah Williams	High Priority	Medium Priority	Low Priority

# DATABASE DESIGN



**All Access Obj...**

**Sales**

ProductID	YearS	TotalSales	January	February
002	2018	560		
001	2020	1200	100	
002	2020	2200	200	
004	2022	2200	200	
*	0	0	0	0

**All Access Obj...**

**RequestTable**

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

**All Access Obj...**

**login**

UserName	Password
admin	admin
sam	sam
rozana	rozana
*	

# SYSTEM INTERFACE

## LOGIN PAGE

LoginPage

PTAS

CUSTOMER REQUEST



99 SPEEDMART®

Username :

Password :

LOGIN

99 SPEEDMART®

This screenshot shows the login interface for the PTAS system. It features a teal header bar with the title 'LoginPage' and the 'PTAS' logo. Below the header is a green navigation bar with the 'CUSTOMER REQUEST' button. The main area contains the '99 SPEEDMART' logo at the top, followed by two input fields for 'Username' and 'Password'. A green 'LOGIN' button is positioned below the password field. The footer also displays the '99 SPEEDMART' logo.

## CUSTOMER REQUEST FORM

CRquest

PTAS

LOG IN

### CUSTOMER REQUEST FORM

Full Name :

Request 1 :

Request 2 :

Request 3 :

Request 4 :

Request 5 :

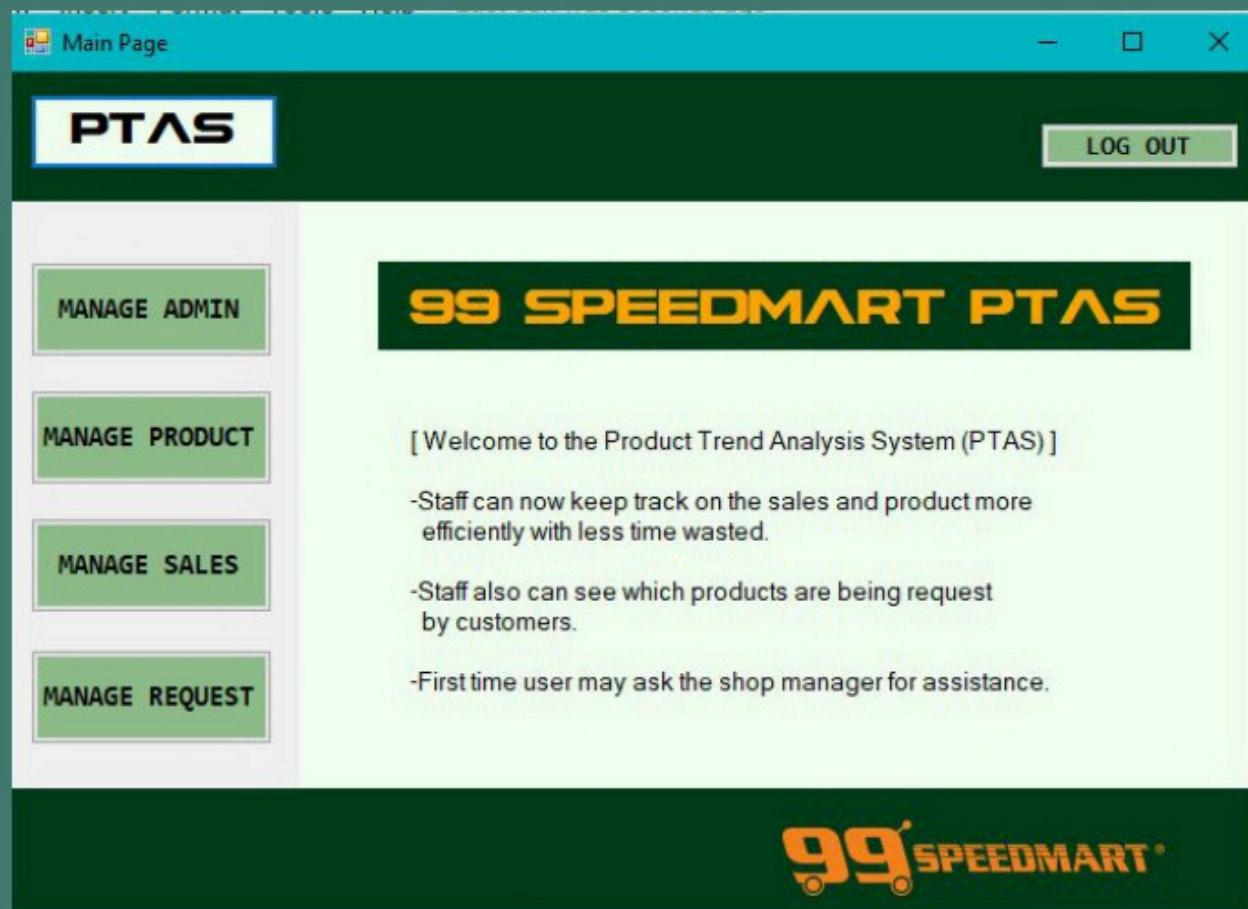
SUBMIT REQUEST

99 SPEEDMART®

This screenshot shows the customer request form interface. It has a teal header bar with the title 'CRquest' and the 'PTAS' logo. A green 'LOG IN' button is located in the top right corner. The main area is titled 'CUSTOMER REQUEST FORM' and contains five text input fields labeled 'Request 1' through 'Request 5'. Each request field is preceded by a label and followed by a corresponding input box. At the bottom right is a green 'SUBMIT REQUEST' button. The footer features the '99 SPEEDMART' logo.

# SYSTEM INTERFACE

## Homepage



## ADMIN PAGE (ADD NEW USER)

The screenshot shows the "Manage Admin" section of the PTAS system. The title bar says "Manage Admin" and the main area is titled "[ MANAGE PTAS ADMIN ]". On the left, there's a form with fields for "Password" (admin) and "User Name" (admin), along with "ADD", "REMOVE", and "SAVE" buttons. To the right, there's a table listing users:

	Password	UserName
▶	admin	admin
	sam	sam
	rozana	rozana
*		

# SYSTEM INTERFACE

## MANAGE PRODUCT

ManageP

**PTAS**

**[ MANAGE PRODUCT ]**

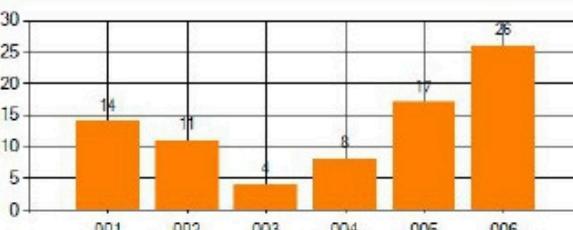
Manage Product

ProductID	ProductName	Price
001	MILLO	14
002	ALICAFE	11
003	MAGGI	4
004	COLGATE	8
005	DETOL	17
006	BREEZE	26

Product ID: 001  
Product Name: MILLO  
Price: 14

ADD REMOVE SAVE

Price



99 SPEEDMART®

## MANAGE PRODUCT SALES

ManageS

**PTAS**

**[ MANAGE PRODUCT SALES ]**

Manage Product Sales

Product ID:	January:	May:	September:
001	100	101	100
Year S:	February:	June:	October:
2020	100	98	97
Total Sales:	March:	July:	November:
1200	100	100	104
	April:	August:	December:
	99	102	99

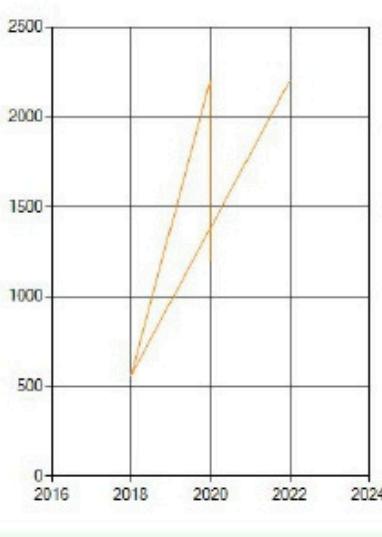
Product ID: 001  
Year S: 2020  
Total Sales: 1200

January February March April May June July August September October November December

ADD REMOVE SAVE

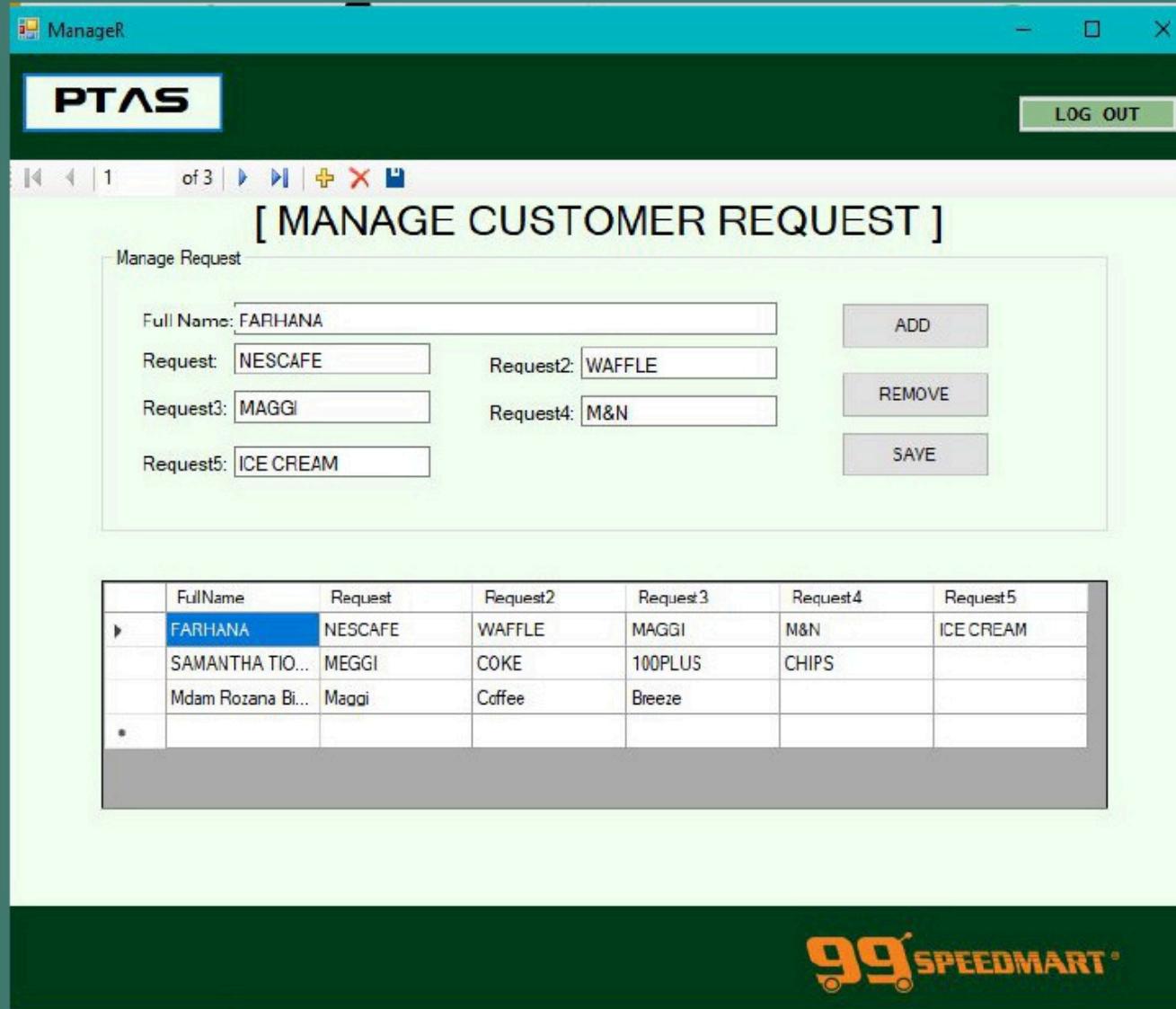
ProductID	YearS	TotalSales	January	February	March	April	May
001	2020	1200	100	100	100	99	101
002	2020	2200	200	200	200	200	200
002	2018	560					
004	2022	2200	200	200	200	200	200

Sales



99 SPEEDMART®

# SYSTEM INTERFACE



## 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/1nht3BV7l9UNEdx6sSIZ5DzobYUzvvkbZ/view?usp=sharing>**

**BACK TO PROJECTS**

# 「IMPROVISING AUDIO PLAYER APP」

## Main Objectives:

- Improvise 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

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

Duration:  
A Week

My Role:  
UI Designer  
Brainstormer  
Project Leader

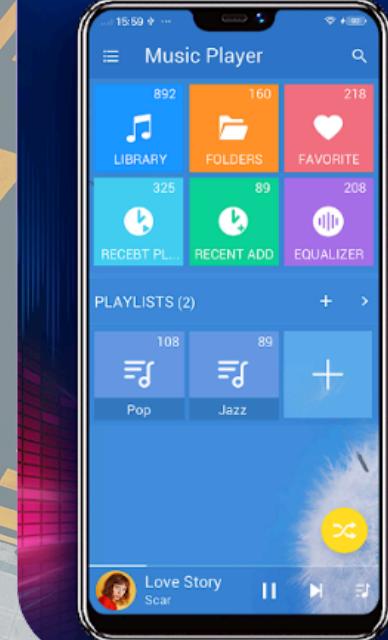
This design was a group assignment under the "Mobile Programming" subject. The chosen application was "Music Player App", only available on android with some impressive features. However, the interface is quite outdated. Alongside a new refreshing look, our team has added various new features in the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

# ORIGINAL USER INTERFACE

Professional EQ Music Player

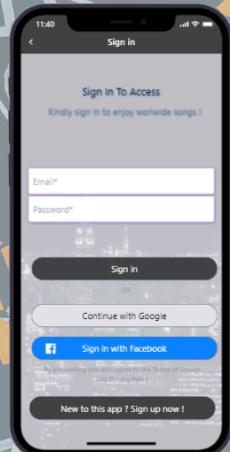


EQ Music Player

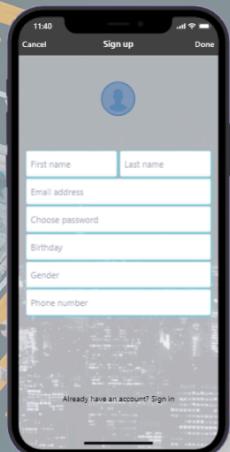


# IMPROVISED USER INTERFACE

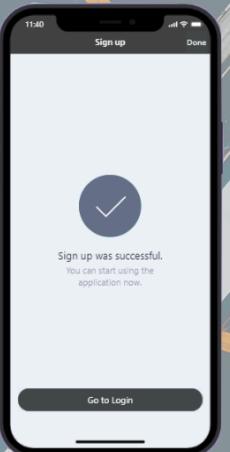
 THE NEW DESIGN NOW HAS A SIGN-UP AND SIGN-IN FUNCTION.



• LOGIN PAGE



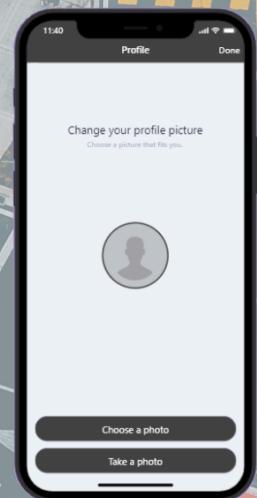
• SIGN-UP PAGE



• VERIFICATION PAGE



• USER PAGE

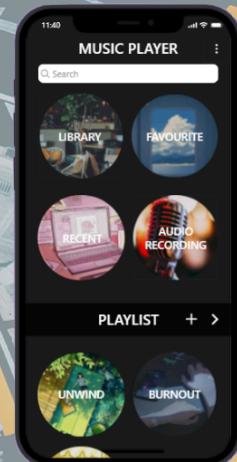


• LOGOUT PAGE

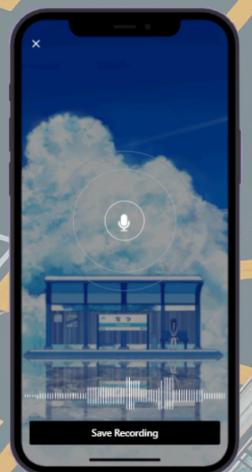
 THE USER NOW CAN VIEW THEIR PROFILE.

# IMPROVISED USER INTERFACE

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



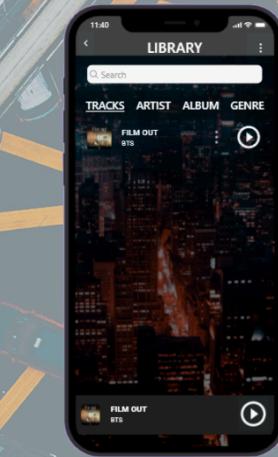
• HOMEPAGE



• AUDIO  
RECORDING



• LIBRARY



• MUSIC  
LIBRARY



• MUSIC  
PLAYER

# MINI PROJECTS

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



FARHAM

**A SILENT VOICE (聲の形)**  
ALTERNATIVE TITLES: NOE NO KATACHI, THE SHAPE OF VOICE.  
2016 | 2H 45M | NOT RATED



Watch on YouTube

**ADMIN'S REVIEW**  
The past is something that we can't change, however it may effect our future and at worst, forever. A Silent Voice had me hooked with its mesmerizing graphic, amazing soundtracks and easy to understand storyline. I remember crying once when I saw the trailer and one more time when I watched the movie. Somehow, this movie resonates with me greatly.  
The production team did a great job in projecting the feeling into the audiences' hearts and comedy elements to make it easier to digest and much more heartwarming.  
This beautiful masterpiece taught me that, as a human, it's impossible to live our lives without any mistake. However, thanks to that, we also have the ability to learn from our mistakes and grow. I would gladly recommend A Silent Voice for those who are struggling with their own inner issues or those who are seeking for forgiveness and for those who just want to enjoy a beautiful movie.

<https://farham43.000webhostapp.com>

[ FARHAM?? ]  
(Farah.Hana.Sam)

~ Welcome ~

The Tools  
The Teams

[ Back To Main Page ]



FILM RENTAL

HanSarah FilmRental

Sign Up  
Please fill in this form to create an account.  
Already a member? Click [Here](#).

I'm the : Admin | Member  
 Remember me

By creating an account you agree to our [Terms & Privacy](#).

Cancel Sign Up



ANDROID

WELCOME TO THE MAIN PAGE

TIME TABLE  
CHANGE PASSWORD  
LOGOUT

hansarah ACADEMY

[ WELCOME TO THE ACADEMY DEAR STUDENTS!! ]  
[ HERE, YOU'LL BE ABLE TO LEARN A LOT OF NEW INTERKNOWLEDGES, BOTH ON AND OFF BOOK ]



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:

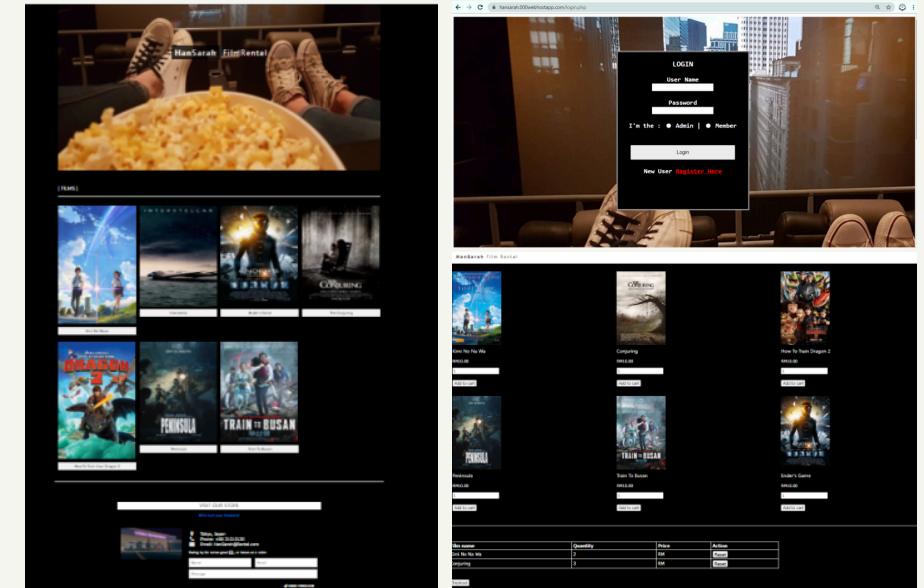
- A Month.

## For More Details;

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

DETAILS

## WEBSITE INTERFACE



# FARHAM MULTI- USAGE WEBSITE

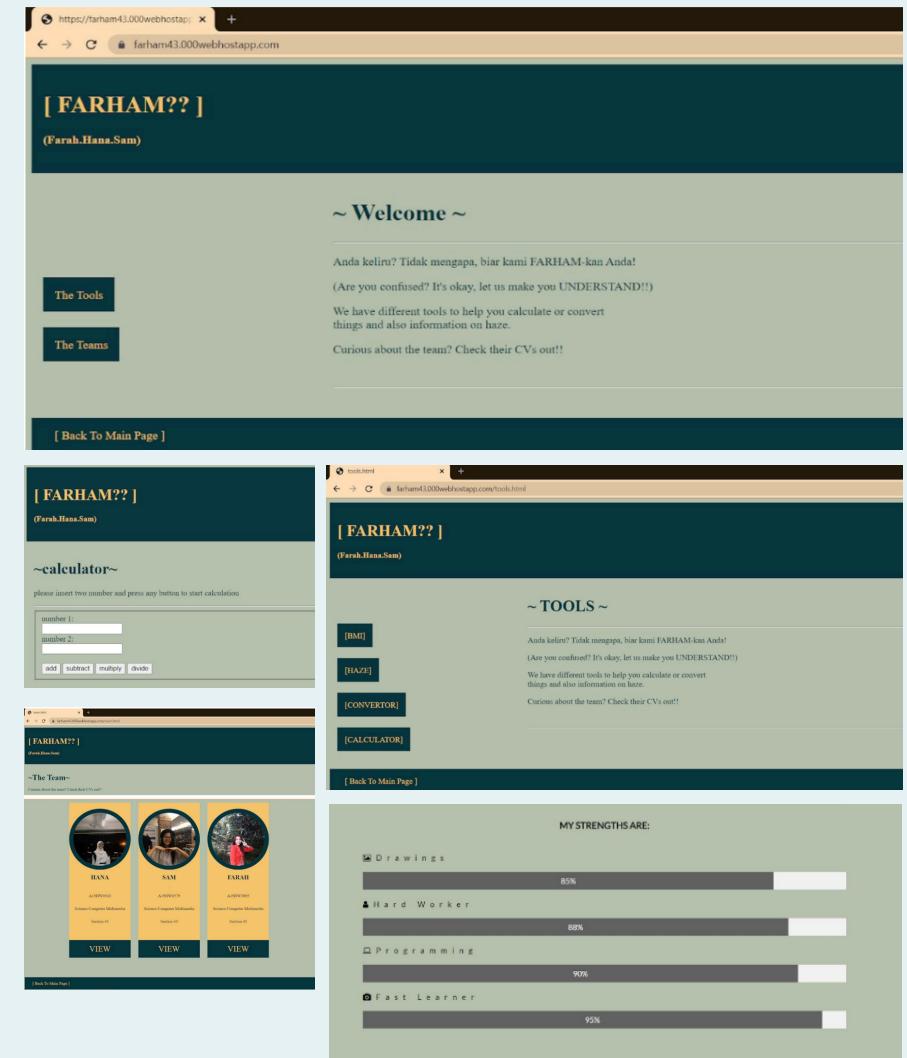
A group assignment for the "Web Programming" subject, built using PHP and HTML. It's an online multi-usage website containing a converter, calculator, BMI calculator, and haze indicator. The page includes team members profiles in the main menu.

For More Details;

<https://drive.google.com/file/d/157IixOa3Jk4yS1Q6QXIYHkd0QwbVLUPO/view?usp=sharing>

DETAILS

## WEBSITE INTERFACE



# 「HANSARAH ACADEMY」

## (MICROSOFT ACCESS DATABASE)

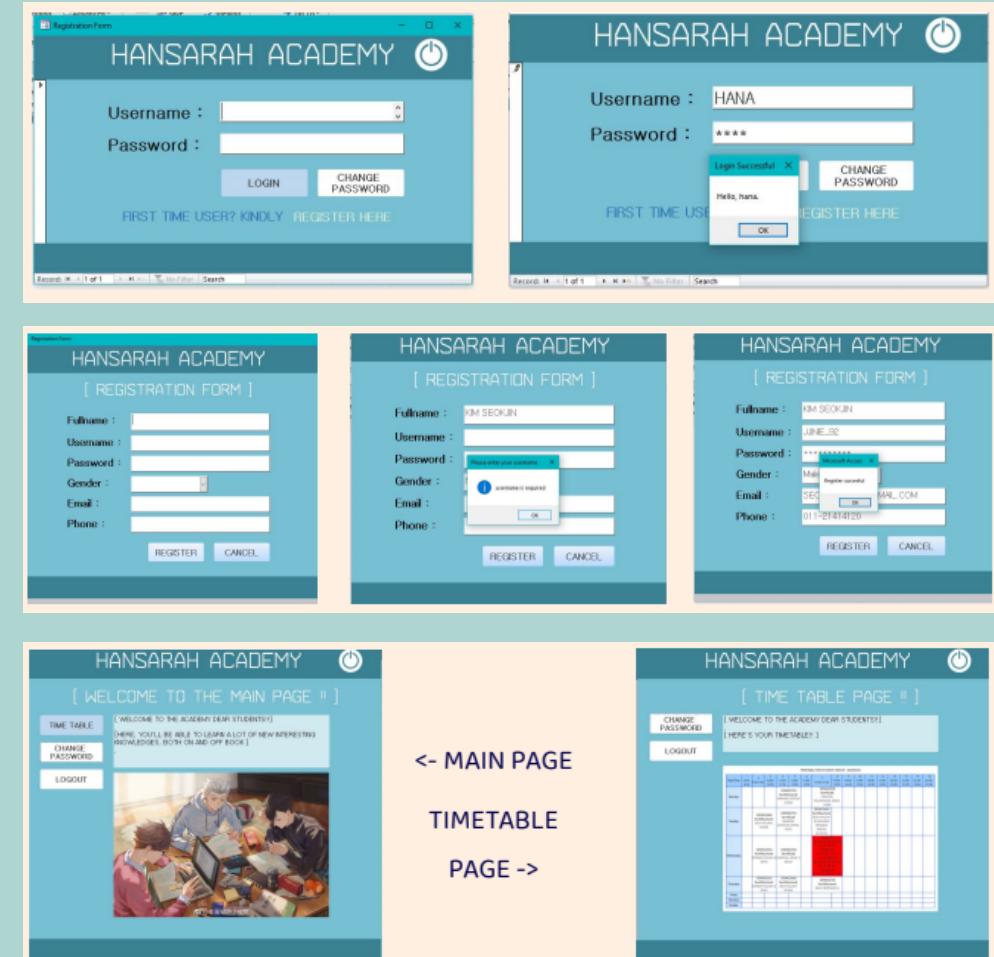
A project for the "Database" subject, built using Microsoft Access. It's a simple system that allows users to log in, sign-up, change passwords and see their timetable. HanSarah indicates the team members' names; Farhana, Sam and Farah.

For More Details;

<https://drive.google.com/file/d/1m-3R15IO85qh3N3q9YQRilo4BPqxhirY/view?usp=sharing>

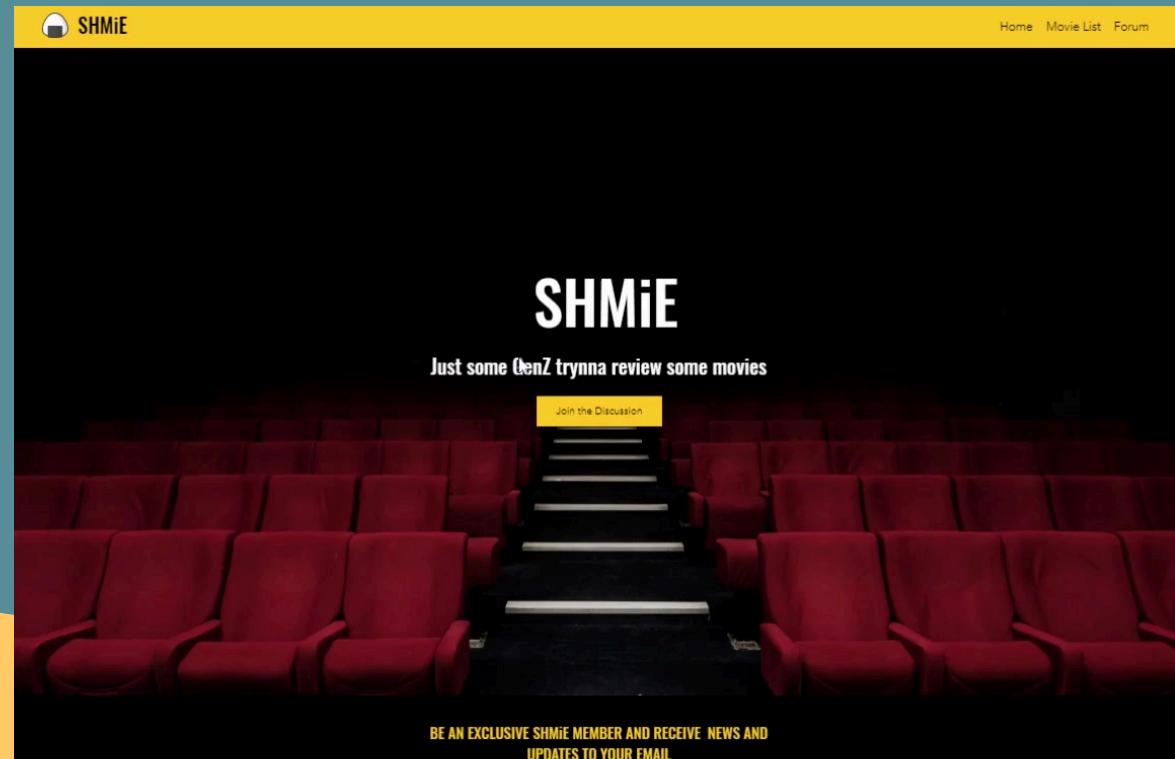
DETAILS

## 「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.

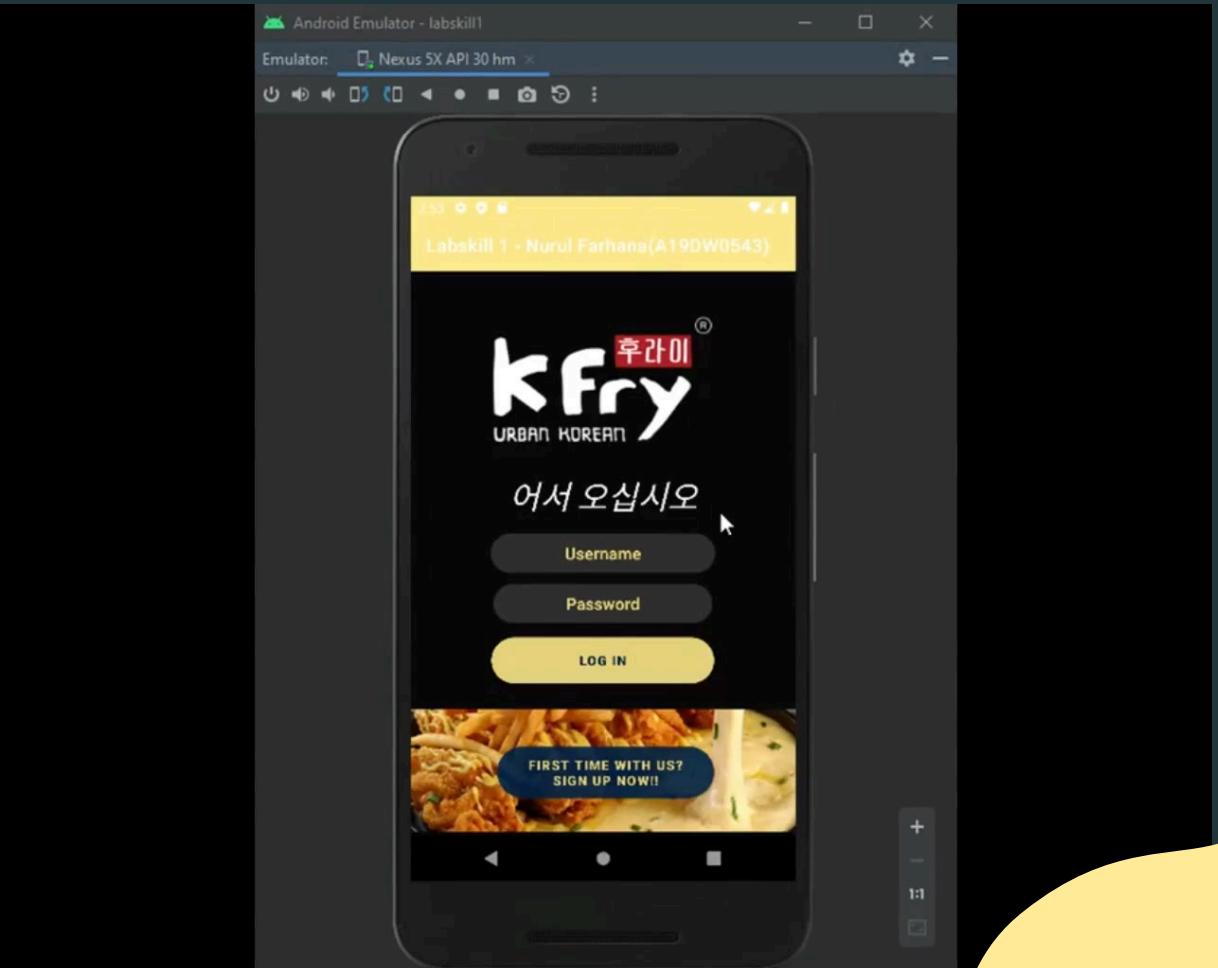
### For More Details;

<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

