Meet the Team

Cris Lawrence Sisbreño

Louis Fuego

Kim Operario

Project Overview

Why: Identifying the Problem

- **School transactions are an important part in a MMCM's student life**

- **Currently these transactions are done through manual methods where forms are still physical ones**

- **Meaning students must physically visit the corresponding office where these transactions take place**

- **Thus, the students would need to be patient in queuing just to complete these transactions**

- **The process of going to the office physically and queuing and waiting in long lines is an issue due to how long this process can take.**

Who & Where: The Motivation

Mapua Malayan Colleges Mindanao Students
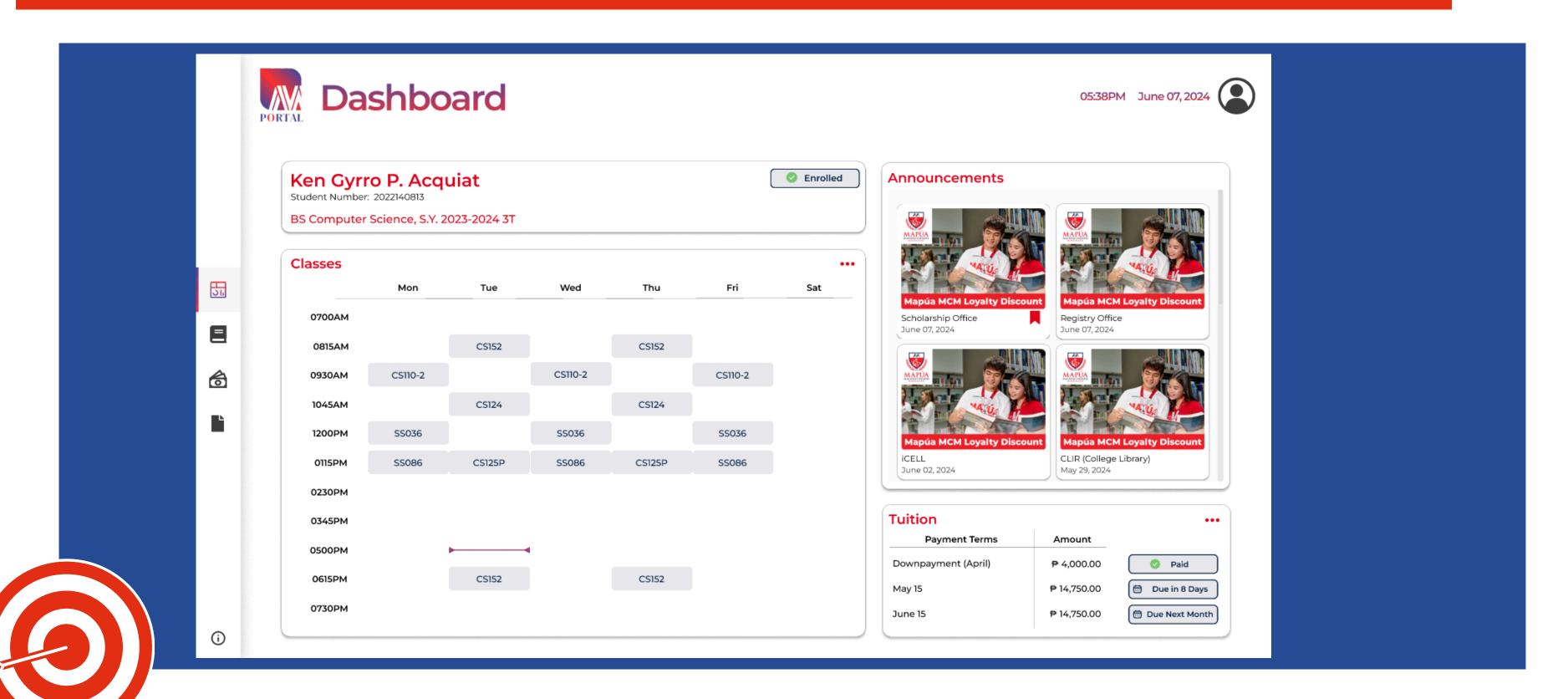
How: The Objectives

- Develop an integrated solution that will combine all possible and applicable transactions in one place

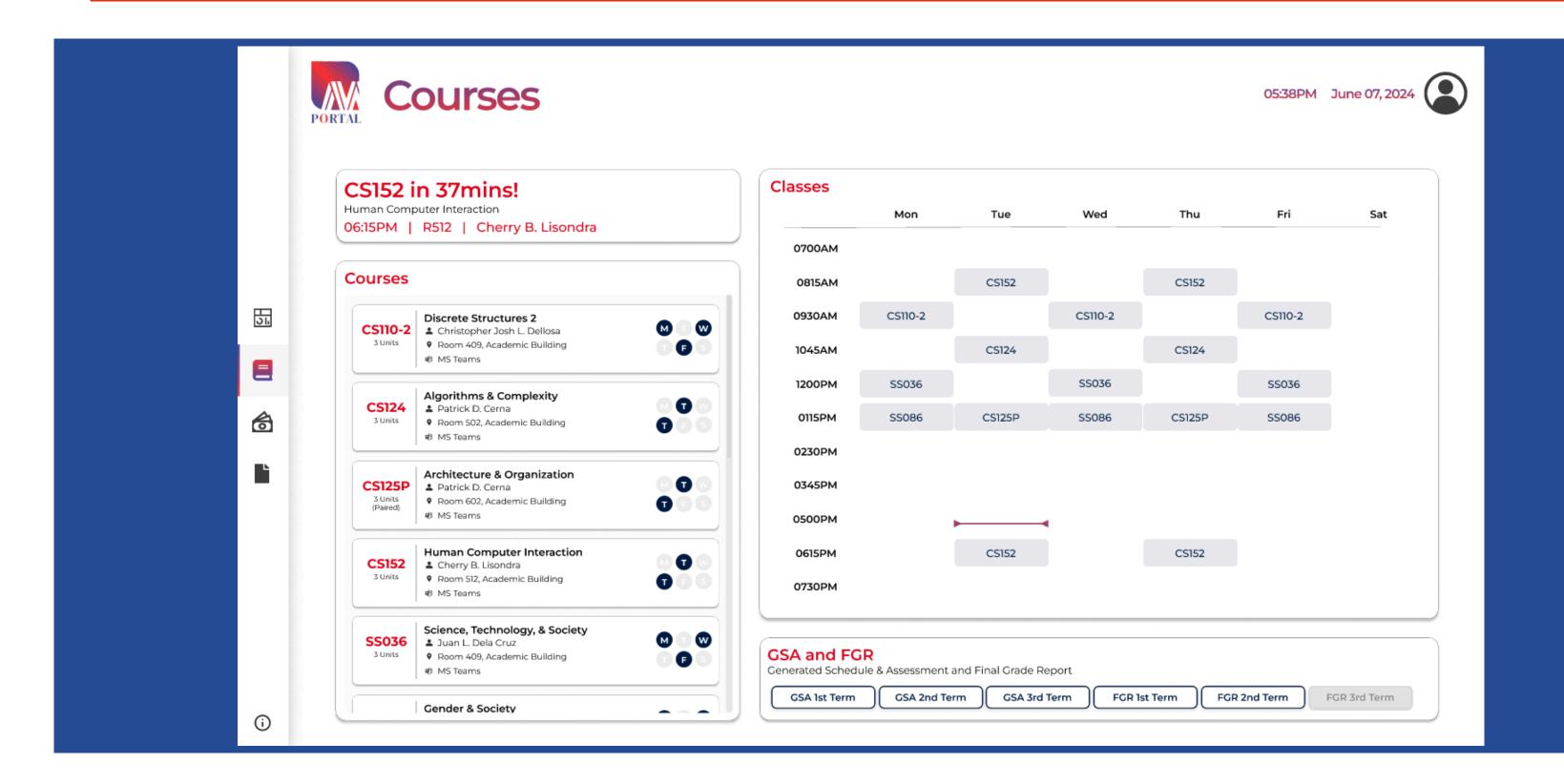- Users shall be able to see schedule and grades from the website

- Electronic forms from offices will be accessible from the website
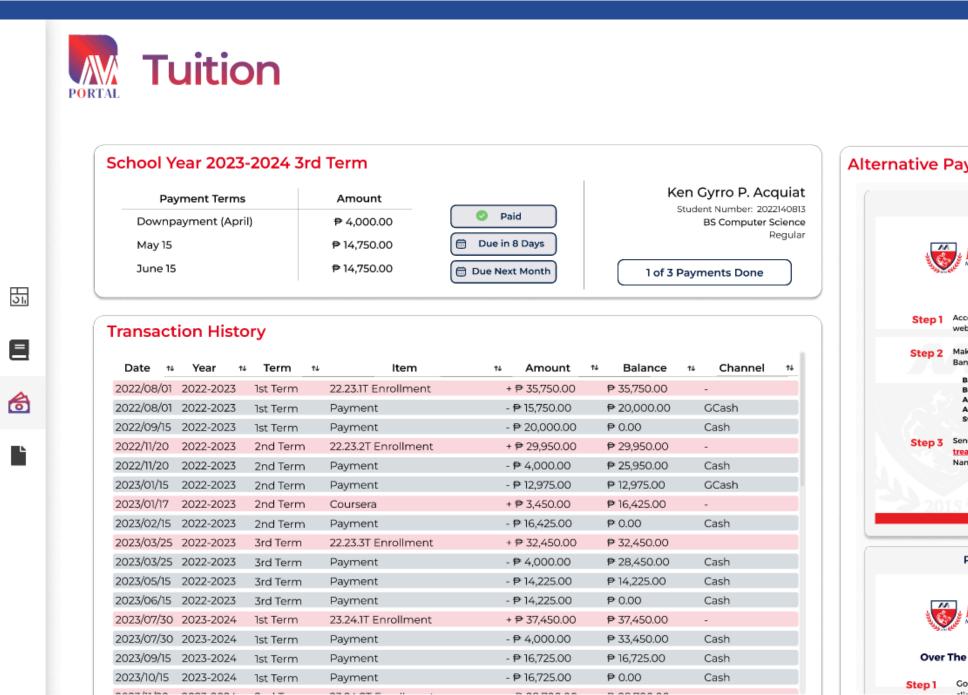
The App

Dashboard Page

Courses Page

Courses

05:38PM   June 07, 2024

CS152 in 37mins!
Human Computer Interaction
06:15PM | R512 | Cherry B. Lisondra

Courses

CS110-2
3 Units

Discrete Structures 2
- Christopher Josh L. Dellosa
- Room 409, Academic Building
- MS Teams

M T W F S

CS124
3 Units

Algorithms & Complexity
- Patrick D. Cerna
- Room 502, Academic Building
- MS Teams

M T W T F S

CS125P
3 Units
(Paired)

Architecture & Organization
- Patrick D. Cerna
- Room 602, Academic Building
- MS Teams

M T W T F S

CS152
3 Units

Human Computer Interaction
- Cherry B. Lisondra
- Room 512, Academic Building
- MS Teams

M T W T F S

SS036
3 Units

Science, Technology, & Society
- Juan L. Dela Cruz
- Room 409, Academic Building
- MS Teams

M T W F S

Gender & Society

Classes

	Mon	Tue	Wed	Thu	Fri	Sat
0700AM						
0815AM		CS152		CS152		
0930AM	CS110-2		CS110-2		CS110-2	
1045AM		CS124		CS124		
1200PM	SS036		SS036		SS036	
0115PM	SS086	CS125P	SS086	CS125P	SS086	
0230PM						
0345PM						
0500PM						
0615PM		CS152		CS152		
0730PM						

GSA and FGR
Generated Schedule & Assessment and Final Grade Report

GSA 1st Term | GSA 2nd Term | GSA 3rd Term | FGR 1st Term | FGR 2nd Term | FGR 3rd Term

Tuition Page

Tuition

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School Year 2023-2024 3rd Term

Payment Terms	Amount
Downpayment (April)	₱ 4,000.00
May 15	₱ 14,750.00
June 15	₱ 14,750.00

✅ Paid
📅 Due in 8 Days
📅 Due Next Month

1 of 3 Payments Done

Ken Gyrro P. Acquiat
Student Number: 2022140813
BS Computer Science
Regular

Transaction History

Date	Year	Term	Item	Amount	Balance	Channel
2022/08/01	2022-2023	1st Term	22.23.1T Enrollment	+ ₱ 35,750.00	₱ 35,750.00	-
2022/08/01	2022-2023	1st Term	Payment	- ₱ 15,750.00	₱ 20,000.00	GCash
2022/09/15	2022-2023	1st Term	Payment	- ₱ 20,000.00	₱ 0.00	Cash
2022/11/20	2022-2023	2nd Term	22.23.2T Enrollment	+ ₱ 29,950.00	₱ 29,950.00	-
2022/11/20	2022-2023	2nd Term	Payment	- ₱ 4,000.00	₱ 25,950.00	Cash
2023/01/15	2022-2023	2nd Term	Payment	- ₱ 12,975.00	₱ 12,975.00	GCash
2023/01/17	2022-2023	2nd Term	Coursera	+ ₱ 3,450.00	₱ 16,425.00	-
2023/02/15	2022-2023	2nd Term	Payment	- ₱ 16,425.00	₱ 0.00	Cash
2023/03/25	2022-2023	3rd Term	22.23.3T Enrollment	+ ₱ 32,450.00	₱ 32,450.00	-
2023/03/25	2022-2023	3rd Term	Payment	- ₱ 4,000.00	₱ 28,450.00	Cash
2023/05/15	2022-2023	3rd Term	Payment	- ₱ 14,225.00	₱ 14,225.00	Cash
2023/06/15	2022-2023	3rd Term	Payment	- ₱ 14,225.00	₱ 0.00	Cash
2023/07/30	2023-2024	1st Term	23.24.1T Enrollment	+ ₱ 37,450.00	₱ 37,450.00	-
2023/07/30	2023-2024	1st Term	Payment	- ₱ 4,000.00	₱ 33,450.00	Cash
2023/09/15	2023-2024	1st Term	Payment	- ₱ 16,725.00	₱ 16,725.00	Cash
2023/10/15	2023-2024	1st Term	Payment	- ₱ 16,725.00	₱ 0.00	Cash

Alternative Payment Channels

RCBC Online Transfer

RCBC Fund Transfer

Step 1 Access your account online on any online banking website.

Step 2 Make a Bank Transfer to Mapúa MCM's Online Banking Account with the following details:

Bank Name: **Rizal Commercial Banking Corp. (RCBC)**
Branch: **Davao Matina Business Center**
Account Name: **Mapúa Malayan Colleges Mindanao**
Account Number: **9029-684-079**
Swift Code (For International Transfers): **RCBCPHMM**

Step 3 Send a clear photo of your receipt to **treasury@mcm.edu.ph** and indicate your Student Name and Student Number.
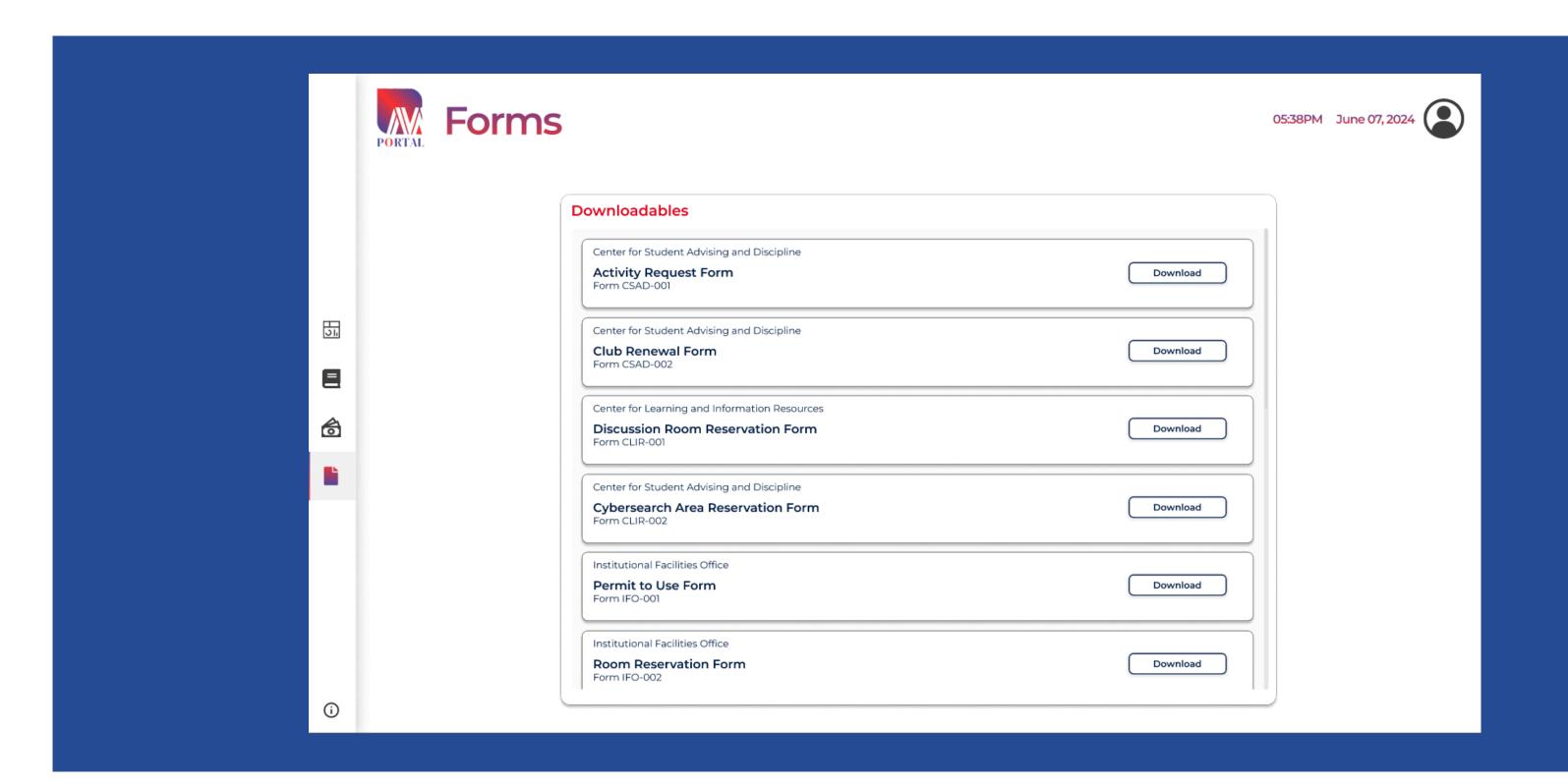
RCBC Over-the-Counter

Over The Counter Payment Through RCBC

Step 1 Go to any **RCBC branch** and fill out the deposit

Forms Page

Forms

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Downloadables

Center for Student Advising and Discipline
Activity Request Form
Form CSAD-001
[Download]

Center for Student Advising and Discipline
Club Renewal Form
Form CSAD-002
[Download]

Center for Learning and Information Resources
Discussion Room Reservation Form
Form CLIR-001
[Download]

Center for Student Advising and Discipline
Cybersearch Area Reservation Form
Form CLIR-002
[Download]

Institutional Facilities Office
Permit to Use Form
Form IFO-001
[Download]

Institutional Facilities Office
Room Reservation Form
Form IFO-002
[Download]

Prototype Evaluation

Evaluation Overview

The evaluation will consist of 2 main criteria, which are the Heuristic Evaluation Criteria and the Usability Criteria.

- Heuristic Evaluation Criteria: provides useful critique through relevant design principles.
- Usability Criteria: specific questions on the actual experience of interacting and doing tasks with MalayanPORTAL.

Heuristic Evaluation

- Visibility of System Status
- Match Between the System and the Real World
- User Control and Freedom
- Consistency and Standards
- Error Prevention
- Help Users, Recognize, Diagnose, and Recover from Errors
- Recognition Rather than Recall
- Flexibility and Efficiency of Use
- Aesthetic and Minimalist Design
- Help and Documentation

Usability Evaluation

- Effectiveness
- Efficiency
- Learn Ability

Evaluate the chosen design according to Nielsen's Heuristics and Justify					
Area of Evaluation	5	4	3	2	1
A. Visibility of System Status					
- The system design provides appropriate feedback like message prompts in response to user actions.		✓			
- The message prompts are clear, visible and understandable.	✓				
Evaluation					
The website clearly informs users about ongoing processes (e.g., loading, on-going class, financial status) through visible indicators and status messages.					
B. Match between the system and the real world	✓				
- Used words, phrases and concepts according to users' language rather than system oriented words and computer jargons.					
Evaluation					
The website's content and navigation labels are aligned with the users' real-world terminology and context, making it intuitive and easy to understand.					
C. User control and freedom	✓				
- The system design provides ways of allowing users to easily "get in" and "get out" if they find themselves in unfamiliar parts of the system.					
Evaluation					
The website allows users to go back, undo actions, and easily navigate through different sections without getting stuck.					
D. Consistency and Standards	✓				
- The colors, text, labels, buttons and other elements in the design are uniform from start to finish.					
- Text and icons are not too small or too big.					

	5	4	3	2	1
- Menus and other features of the system are arranged and positioned in a consistent way. (For ex. If your website has navigation buttons on the top under the page title on one page, the users will automatically look there for the same features on other pages.	✓				
Evaluation					
The website maintains consistency in its layout, color schemes, fonts, and interaction patterns, adhering to common web design standards.					
E. Error Prevention		✓			
- The system design provides an automatic detection of errors and preventing them to occur in the first place.					
- Idiot proofing mechanisms are applied					
Evaluation					
The website includes clear instructions, input constraints, and validation checks to prevent user errors before they occur.					
F. Help users recognize, diagnose and recover from errors	✓				
- Error messages and the terms used are recognizable, familiar and understandable for the users.					
Evaluation					
The website displays informative error messages in plain language, indicating the problem and suggesting possible solutions.					
G. Recognition rather than recall	✓				
- Objects, icons, actions and options are visible for the user.					
- Objects are labeled well with text and icons that can immediately be spotted by the user and matched with what they want to do.					
Evaluation					
The website ensures that all necessary information is readily visible or easily retrievable, reducing the cognitive load on users.					

Suggestions

H. Flexibility and efficiency of use - The system design provides easy to navigate menus. - the system does not make wasteful time of system resources.				
Evaluation The website provides features like quick links, and filter search options to enhance usability for experienced users while remaining accessible for novices.				
I. Aesthetic and minimalist design -Graphics and animations used are not difficult to look at and does not clutter (mess) up the screen. - Information provided is relevant and needed for the system design.				
Evaluation The website has a clean, aesthetically pleasing design, focusing on essential elements and avoiding unnecessary clutter.				
J. Help and Documentation -the system design provides information that can be easily searched and provides help in a set of concrete steps that can easily be followed.				
Evaluation The website includes a comprehensive help section, FAQ's and contact information for further support, ensuring users can easily find assistance when needed.				

The website's prototype design can have some improvements, such as the white background seems to be too bright, this can be solved either reducing the color from a bright white to a more eye suiting white color or implementing a dark mode for the website. Even if the website is user-friendly, enhancing the clarify of the icons would be great for users and help them easily navigate, Additionally refining its error prevention would help in terms of user experience.