A. MANAGING MANPOWER

Project Owner / Scrum Master

- Torogon, Edelyn C.

Software Engineers

- Paneda, Nickson V.
- Bergado, Teodora A.

Designer

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Quality Assurance

- Abello, Adrian Arvex (missing)

B. PROJECT MANAGEMENT PLAN

PRODUCT BACKLOG

ID	SPRINT	AS A….	I WANT TO BE ABLE TO	SO THAT	PRIORITY	STATUS
1	1	ADMIN or STAFF	Authenticate the system account.	I can sign into the system by entering my email and password	1	To Do
2	1	STAFF	View the records of the students.	I can access students' information lists.	1	To Do
3	2	ADMIN	Manage system account for Staff.	The admin can create, delete, and update user accounts.	2	To Do
4	3	ADMIN	To Access students' information database	The admin can update and delete records.	3	To Do

SPRINT BACKLOG

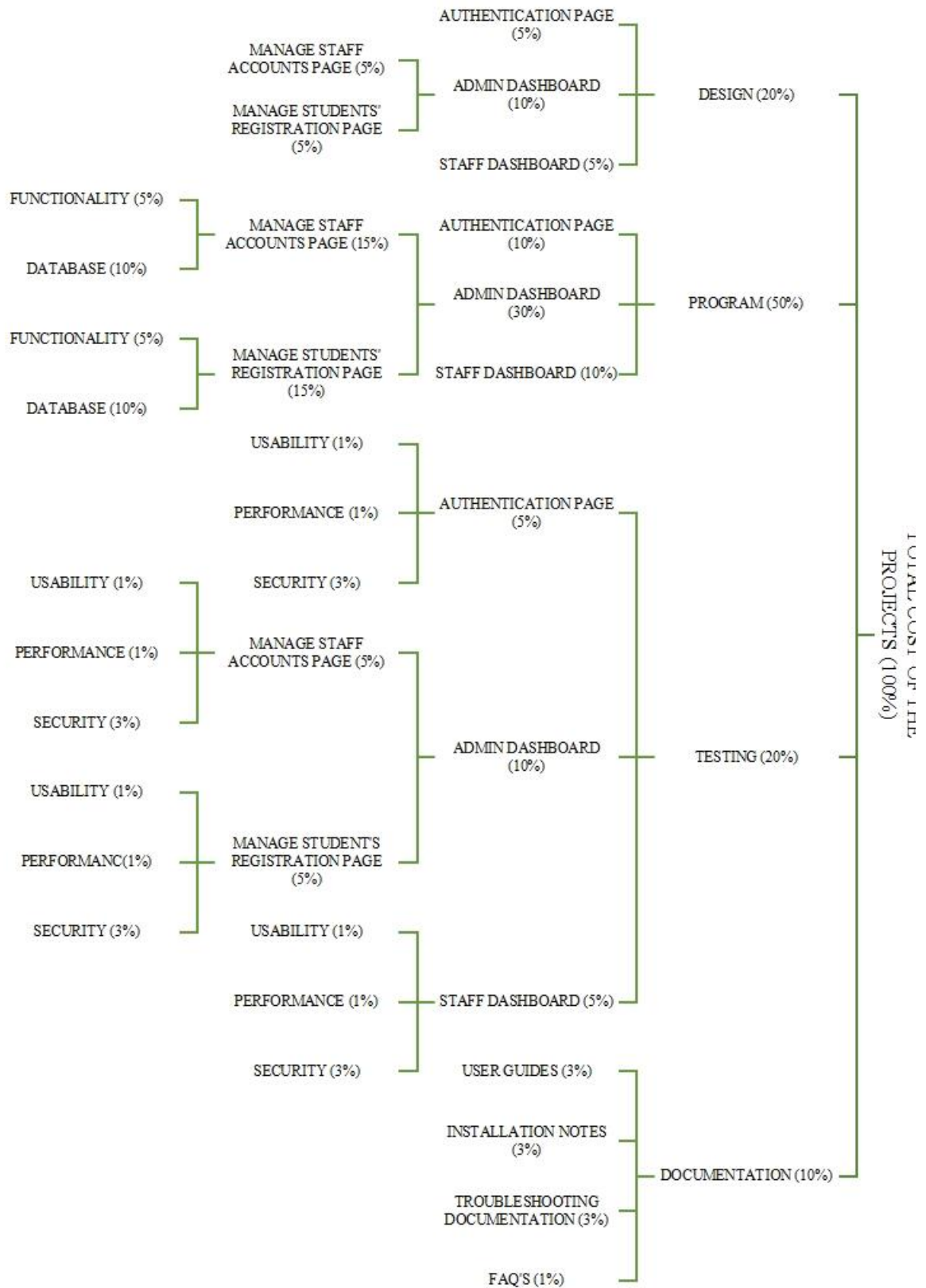### SPRINT 1: DECEMBER 5, 2022 – DECEMBER 18, 2022 (5 HOURS/DAY)

User Story	Tasks	Definition of Done	Accumulated Hours in a week
As an admin, I can sign into the system by entering my email and password.	Gather data	All information is gathered	3 hours
	Design the Mockup/Design of the Authentication Page and Admin Dashboard	When the mock-up design is completed	5 hours
	Meet with the owner for a design presentation	Approve for continuation	2 hours
	Design the UI	The User interface is identical to the mock-up design	8 hours
	Develop the UX	When the Authentication Page and Admin Dashboard are connected	8 hours
	Test the functionality	Passed the test	2 hours
	Present to Owner	Approve for continuation	1 hour
As a STAFF I can sign into the system by entering my email and password and access students' information details.	Gather data		3 hours
	Design the Mockup/Design of the Staff Dashboard	When the mock-up design is completed	5 hours
	Meet with the owner for a design presentation	Approve for continuation	2 hours
	Design the UI	The User interface is identical to the mock-up design	8 hours
	Develop the UX	When the Authentication Page and Staff Dashboard are connected	8 hours
	Test the functionality	Passed the test of Decision Table 1	1 hour
	Present to the owner		1 hour

SPRINT 2: DECEMBER 18, 2022 – DECEMBER 24, 2022 (5 HOURS/DAY)

User Story	Tasks	Definition of Done	Accumulated Hours in a week
	Gather data	All information is gathered	3 hours
	Design the Mockup/Design of Manage Staff Accounts Page	When all the required components are in the design mockup.	5 hours
As an admin, I can create, delete, and update staff account.	Meet with the scrum master for a design presentation	When all the page requirements are achieved.	2 hours
	Design the UI	When the design is	8 hours
	Develop the UX	When the admin can create, delete, and update staff accounts.	8 hours
	Test the functionality	Passed the test of Decision Table 2	2 hours
	Present to the owner		1 hour

SPRINT 3: DECEMBER 26, 2022 – DECEMBER 31, 2022 (5 HOURS/DAY)

User Story	Tasks	Definition of Done	Accumulated Hours in a week
	Gather data	All information is gathered	3 hours
	Design the Mockup/Design of the Student Registration Page	Mockup design	5 hours
As an admin, I can delete and update records of students.	Meet with the scrum master for a design presentation	When the mockup design reaches the expectation of client	2 hours
	Design the UI	When the UI meets the mock-up design	8 hours
	Code the backend and connect upload the details into the database	When the Manage system page is functionable	8 hours
	Test	Passed the test of Decision Table 3	2 hours
	Present to the owner		1 hour

AUTHENTICATION PAGE
(5%)

MANAGE STAFF
ACCOUNTS PAGE (5%)

ADMIN DASHBOARD
(10%)

MANAGE STUDENTS'
REGISTRATION PAGE
(5%)

STAFF DASHBOARD (5%)

DESIGN (20%)

FUNCTIONALITY (5%)

MANAGE STAFF
ACCOUNTS PAGE (15%)

AUTHENTICATION PAGE
(10%)

DATABASE (10%)

ADMIN DASHBOARD
(30%)

PROGRAM (50%)

FUNCTIONALITY (5%)

MANAGE STUDENTS'
REGISTRATION PAGE
(15%)

STAFF DASHBOARD (10%)

DATABASE (10%)

USABILITY (1%)

PERFORMANCE (1%)

AUTHENTICATION PAGE
(5%)

USABILITY (1%)

SECURITY (3%)

PERFORMANCE (1%)

MANAGE STAFF
ACCOUNTS PAGE (5%)

SECURITY (3%)

USABILITY (1%)

ADMIN DASHBOARD
(10%)

TESTING (20%)

PERFORMANC(1%)

MANAGE STUDENT'S
REGISTRATION PAGE
(5%)

SECURITY (3%)

USABILITY (1%)

PERFORMANCE (1%)

STAFF DASHBOARD (5%)

SECURITY (3%)

USER GUIDES (3%)

INSTALLATION NOTES
(3%)

DOCUMENTATION (10%)

TROUBLESHOOTING
DOCUMENTATION (3%)

FAQ'S (1%)

TOTAL COST OF THE
PROJECTS (100%)

PROJECT ESTIMATION

C. SOFTWARE TESTING

TABLE 1 : LOGIN							
CONDITIONS	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7
USERNAME	S	S	N	N	S	S	N
PASSWORD	S	N	S	N	S	N	S
ROLE	ADMIN	ADMIN	ADMIN	N	STAFF	STAFF	STAFF
OUTPUT	AD	E	E	E	SD	E	E

LEGENDS:

S – SET

N – NULL

SD – STAFF DASHBOARD

AD – ADMIN DASHBOARD

E – ERROR

TABLE INTERPRETATION:

CASE 1: If the username and password are set, and the role is admin then it will be redirected to Admin Dashboard.

CASE 2: If the username is set , and password is null, and the role is admin then it will display and error message.

CASE 3: If the username is null, and password is set, and the role is admin then it will display and error message

CASE 4: If the username, password and role are null, then it will display and error message.

CASE 5: If the username and password are set, and the role is staff then it will be redirected to Staff Dashboard.

CASE 6: If the username is set , and password is null, and the role is staff then it will display and error message.

CASE 7: If the username is null, and password is set, and the role is staff then it will display and error message

TEST SCENARIOS

CASE 1: The user entered the username and password, and the role is set as admin then the website will be redirected to Admin Dashboard.

CASE 2: The user only entered the username, and the role is set as admin then the website will display an error message.

CASE 3: The user only entered the password, and the role is set as admin then the website will display an error message.

CASE 4: The user only did not entered username and password, and the role is null then the website will display an error message.

CASE 5: The user entered the username and password, and the role is set as staff then the website will be redirected to Staff Dashboard.

CASE 6: The user only entered the username, and the role is set as staff then the website will display an error message.

CASE 7: The user only entered the password, and the role is set as staff then the website will display an error message.

TABLE 2: CRUD STAFF		
CONDITIONS	CASE 1	CASE 2
ROLE	S	N
NAME	S	N
USERNAME	S	N
PASSWORD	S	N
OUTPUT	SAVED INFO	E

LEGENDS:

S – SET

N – NULL

E – ERROR

TABLE INTERPRETATIONS

CASE 1: If all the information needed are set, then all the staff info will be saved and can be now view, update and delete by an admin.

CASE 2: If any of the information needed are null, then it will not be save and will also cause an error.
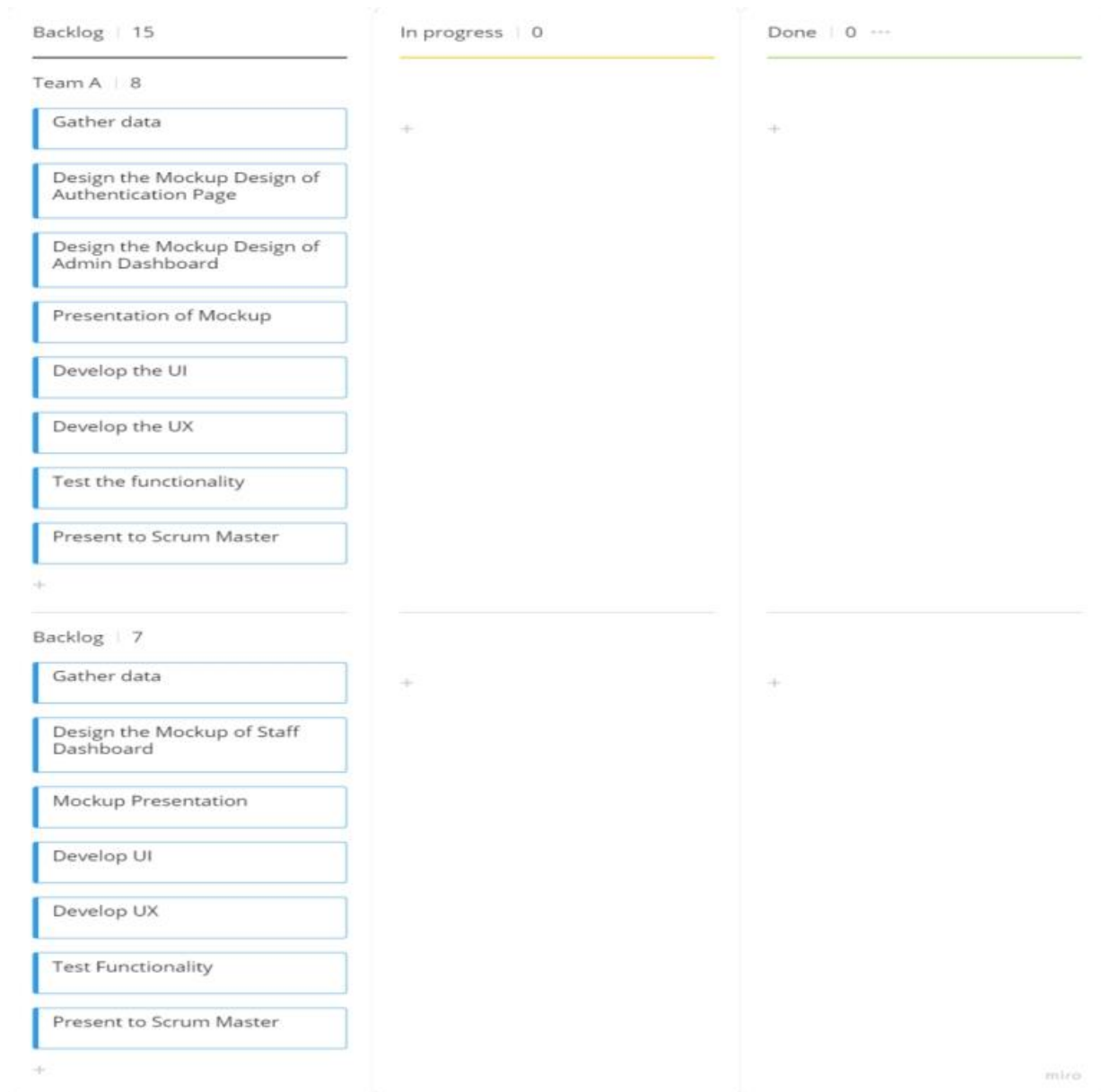
TEST SCENARIOS

CASE 1: Admin entered all the information needed, then the website will then update the list of staff registered on the website.

CASE 2: Admin did not entered any of the information needed, the the website will not accept the details and will display an error message.

TABLE 3: CRUD STUDENTS		
CONDITIONS	CASE 1	CASE 2
ID	S	N
NAME	S	N
CONTACT NUMBER	S	N
GENDER	S	N
BIRTH DATE	S	N
BIRTH PLACE	S	N
ADDRESS	S	N
GUARDIAN	S	
RELATIONSHIP TO GUARDIAN	S	N
GUARDIAN CONTACT NUMBER	S	N
OUTPUT	SAVED	E

LEGENDS:

S – SET

N – NULL

E – ERROR

TABLE INTERPRETATIONS

CASE 1: If all the information needed are set, then all the student info will be saved and can be now view, update by and admin and staff, and can be deleted by an admin.

CASE 2: If any of the information needed are null, then it will not be save and will also cause an error.

TEST SCENARIOS

CASE 1: Admin entered all the information needed, then the website will then update the list of student registered on the website.

CASE 2: Admin did not entered any of the information needed, the the website will not accept the details and will display an error message.

D. DOCUMENTATION

A. SPRINT PLANNING

Sprint 1 (board)

Backlog | 15	In progress | 0	Done | 0 ···
Team A | 8		
Gather data	+	+
Design the Mockup Design of Authentication Page		
Design the Mockup Design of Admin Dashboard		
Presentation of Mockup		
Develop the UI		
Develop the UX		
Test the functionality		
Present to Scrum Master		
+		
Backlog | 7		
Gather data	+	+
Design the Mockup of Staff Dashboard		
Mockup Presentation		
Develop UI		
Develop UX		
Test Functionality		
Present to Scrum Master		
+		miro

Sprint 2 (board)

Backlog	7	In progress	0	Done	0

Backlog | 7

- Gather data
- Design the Mockup of Manage Staff Account
- Mockup Presentation
- Develop UI
- Develop UX
- Test the functionality
- Present to Scrum Master

In progress | 0

Done | 0

miro

Sprint 3 (board)

Backlog | 7

- Gather data
- Design the Mockup Design of the Students Registration
- Presentation of Mockup
- Develop the UI
- Develop the UX
- Test the functionality
- Present to Owner

In progress | 0

Done | 0

miro

B. Stand-Up

Sprint Planning Meeting
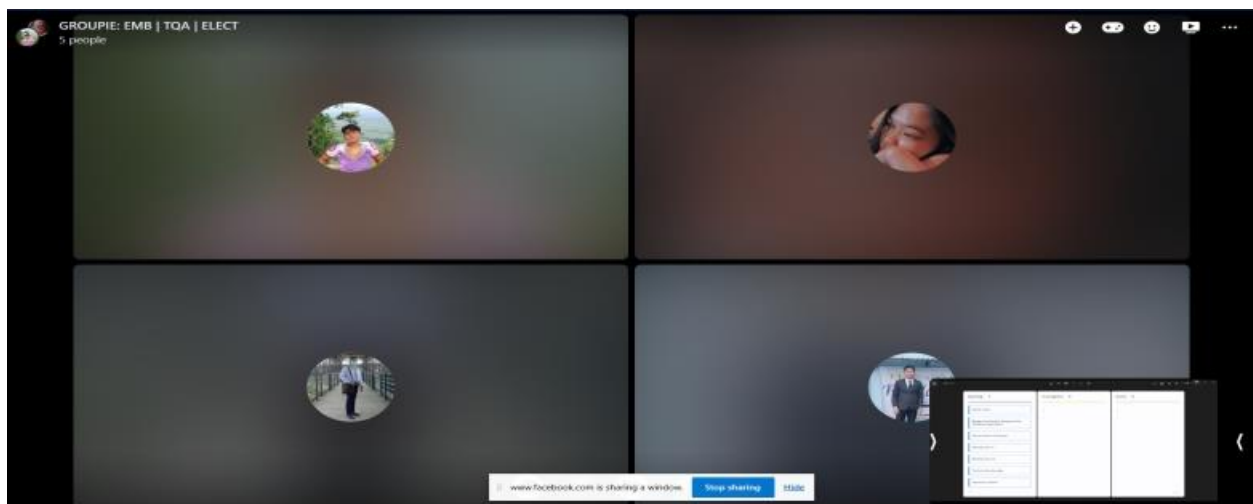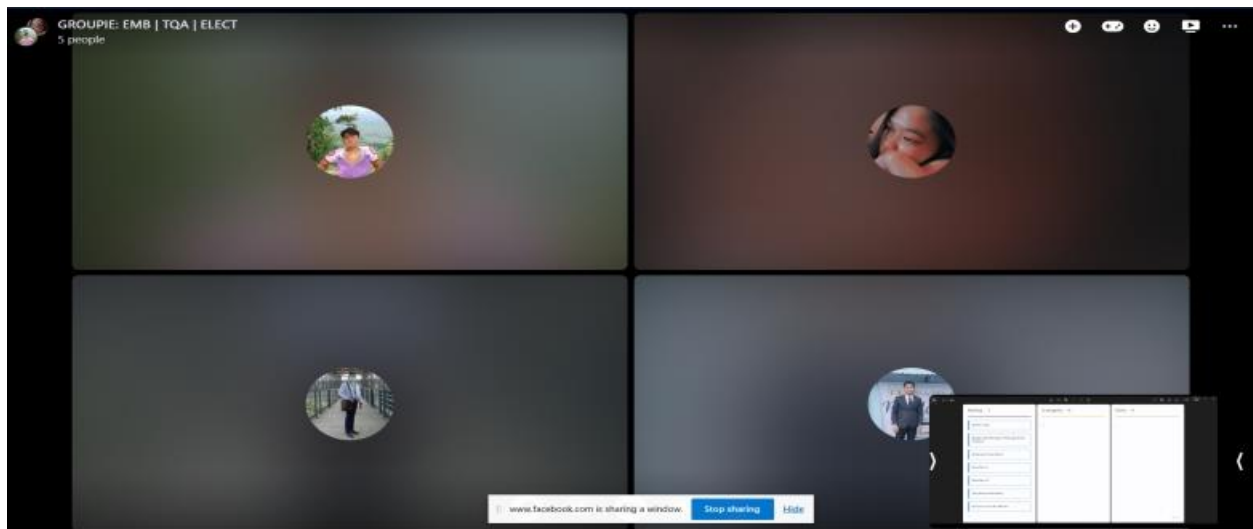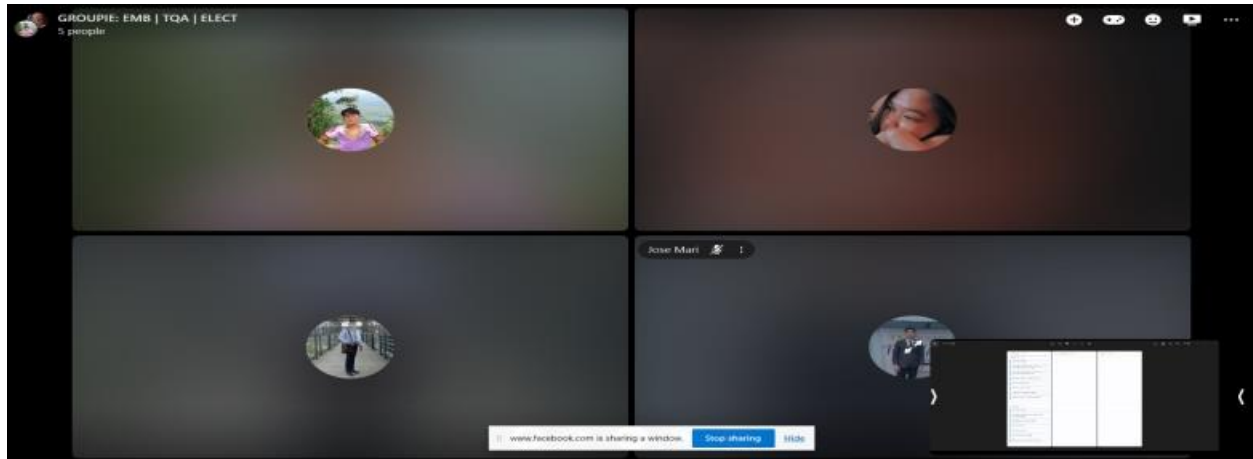
Mockup Presentation
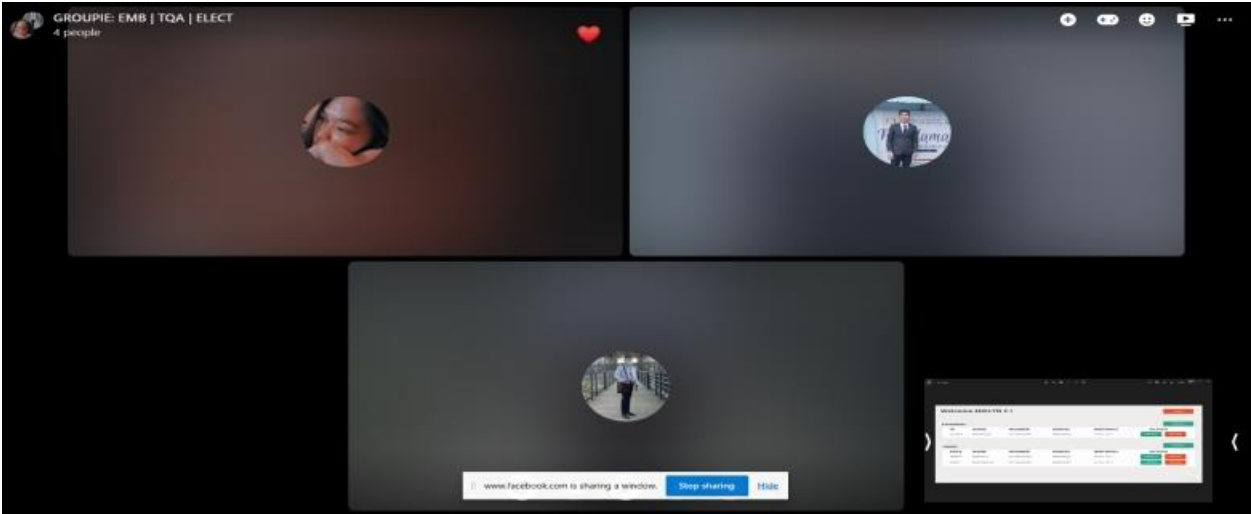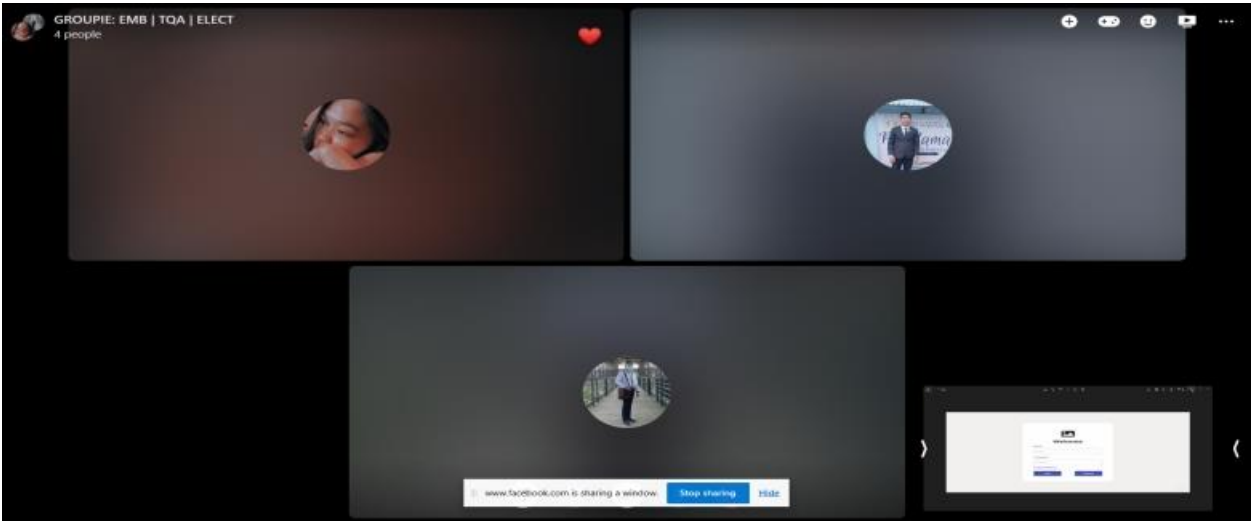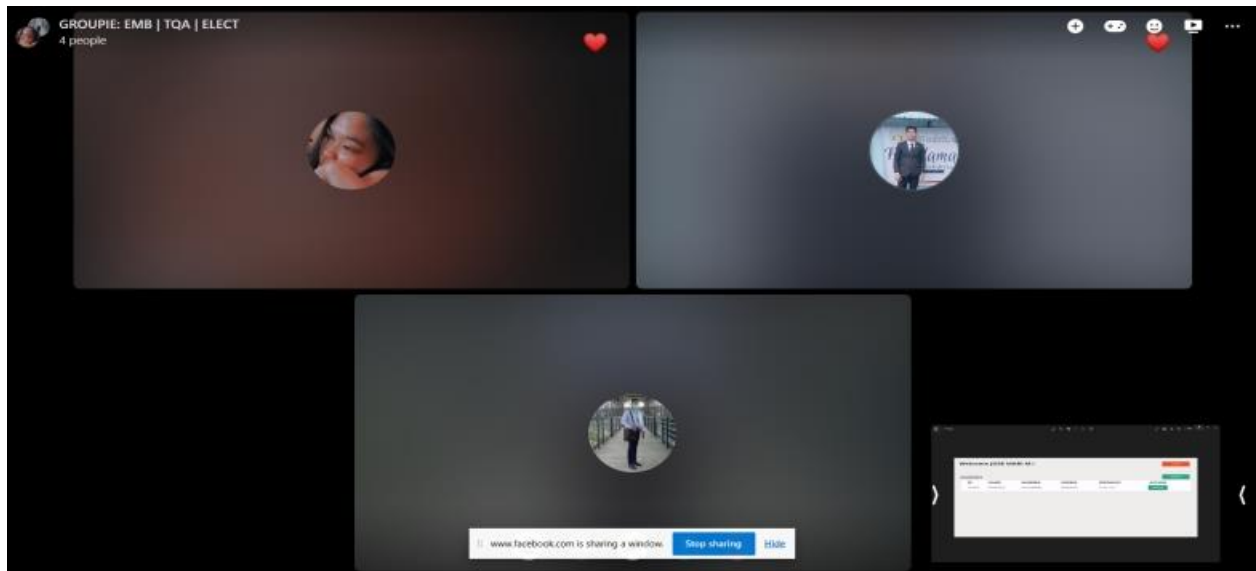
C. REVIEW

MOCKUP

Authentication Page

Admin Dashboard
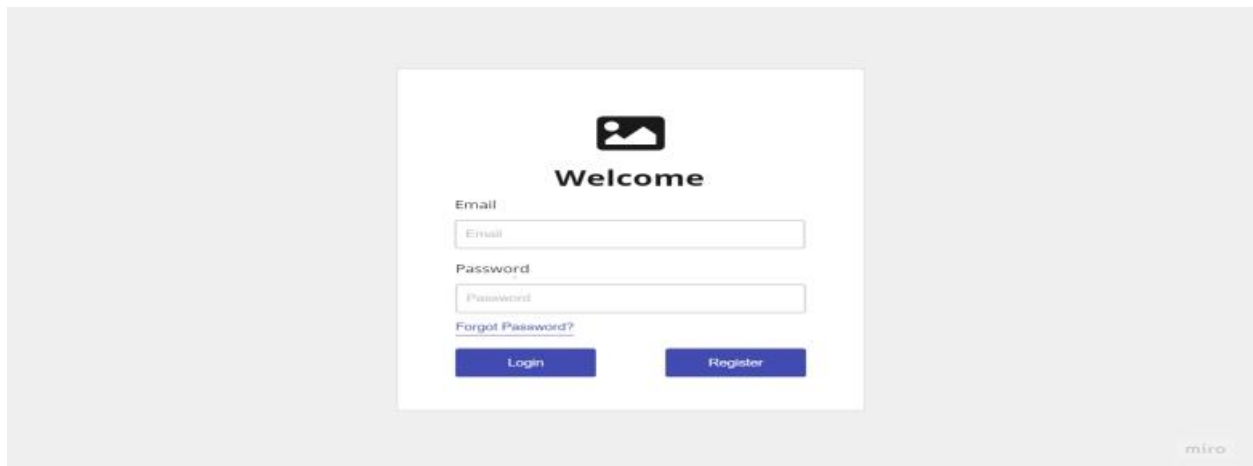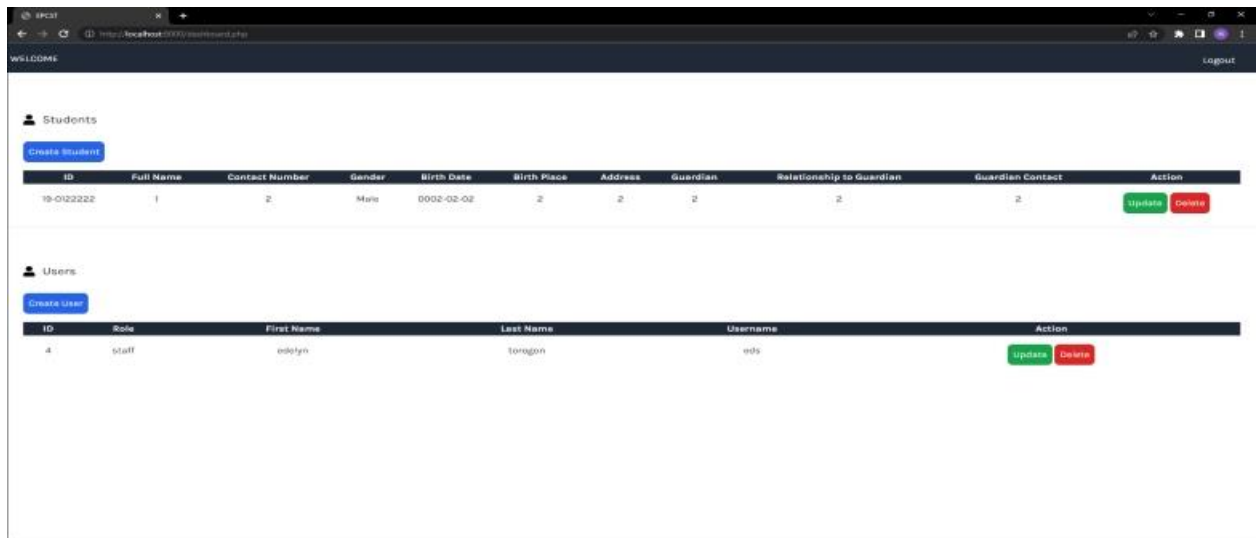
Staff Dashboard

D. RESTROSPECTIVE

Authentication Page

Admin Dashboard

Staff Dashboard

E. RISK MANAGEMENT

1. Identify what are the risk/problems encountered upon developing the project
   1. Lack of Resources
   2. Time to Learn
   3. User Interface
   4. Code loss
2. What are the resolutions done to resolve the risks/problems?
   a. Lack of Resources - The programmers discovered a website that will teach them how to build a website with the assistance of W3SCHOOL. Tailwindcss is used as a CSS, html/ css as a user interface, and then javascript and medoo.in.
   b. Time to learn - by searching how to create a template and how to create, delete, insert update a data in database
   c. Code Loss - checkout or gitlog it can restore loss codes.
   d. User Interface - the front-end engineers has a little knowledge of front-end so by using w3school it helps the front-end engineers to make a simple table, buttons etc.

3. What are the effects of those risks/problems to the team?

Lack or resources – little knowledge on how to build a website.

Time to learn – it affects the team because it may take time for software engineers to study a programming language which is php, tailwindcss and javascript.

User interface – don't know if the created template is good or not.

Code loss - Sometimes developer's unintentionally delete code.