FINAL EXAM

WEB PROGRAMMING (E)

05111840000030	**Muhammmad Daffa' Aflah Syarif**
05111840000057	**Maisie Chiara Salsabila**
05111840000073	**Lii'zza Aisyah Putri Sulistio**

Lecturer: MM Irfan Subakti

DEPARTMENT OF INFORMATICS

FACULTY OF INTELLIGENT ELECTRICAL & INFORMATICS TECHNOLOGY

INSTITUT TEKNOLOGI SEPULUH NOPEMBER (ITS)

SURABAYA

2020

1. **Brief Explanation**

   This website (DFI Project) was made according to DFI (DAY6 Fanartists Indonesia) Official structure, a drawing community which is based on Indonesia. The members of DFI have already given their consent and permission for us to use their data on this website.

2. **Web Page**

   2.1. URL :

   bit.ly/FIN_305773

   intip.in/FIN_305773

   We have yet to host our website when this report was made. But we are still looking for ways to solve the problem.

   2.2. Github :

   https://github.com/liizzasulistio/IF184504_WEBPRO_E_FIN_30Syarif_57Maisie_73Liizza.git

   2.3. Color Palette:

Container, Text	Default Text
Main Color, Tertiary Button	
Homepage Header, Primary Button, and Navigation Bar	
Header if the user has been log in	
Link	

   2.4. Font: Poppins

3. Database Design

3.1. Conceptual Data Model

Users

UserID	<pi>	Integer	<M>
Username		Variable characters (20)	
Type		Variable characters (20)	
Name		Variable characters (20)	
Email		Variable characters (50)	
Password		Variable characters (15)	
Hometown		Variable characters (30)	
Birthday		Date	
Twitter		Variable characters (30)	
Instagram		Variable characters (30)	
Reason		Variable characters (150)	
Fanart		Image	
Status		Variable characters (15)	
Verification		Variable characters (15)	
Introduction		Variable characters (200)	
Identifier_1	<pi>		

Projects

ProjectID	<pi>	Characters (6)	<M>
Title		Variable characters (30)	
Theme		Variable characters (50)	
RegistStart		Date	
RegistEnd		Date	
Deadline		Date	
Post		Date	
ColorPalette		Variable characters (100)	
CanvasSize		Variable characters (100)	
Description		Variable characters (200)	
Identifier_1	<pi>		

created   has   made

Fanarts

FanartID	<pi>	Integer	<M>
ArtFile		Image	
Identifier_1	<pi>		

Reports

ReportID	<pi>	Characters (5)	<M>
Issue		Date	
Identifier_1	<pi>		

3.2. Physical Data Model

Users

UserID	integer	<pk>
Username	varchar(20)	
Type	varchar(20)	
Name	varchar(20)	
Email	varchar(50)	
Password	varchar(15)	
Hometown	varchar(30)	
Birthday	date	
Twitter	varchar(30)	
Instagram	varchar(30)	
Reason	varchar(150)	
Fanart	long binary	
Status	varchar(15)	
Verification	varchar(15)	
Introduction	varchar(200)	

Projects

ProjectID	char(6)	<pk>
Title	varchar(30)	
Theme	varchar(50)	
RegistStart	date	
RegistEnd	date	
Deadline	date	
Post	date	
ColorPalette	varchar(100)	
CanvasSize	varchar(100)	
Description	varchar(200)	

Fanarts

FanartID	integer	<pk>
UserID	integer	<fk2>
ProjectID	char(6)	<fk1>
ArtFile	long binary	

Reports

ReportID	char(5)	<pk>
ProjectID	char(6)	<fk>
Issue	date	

4.   List of Features

4.1.   Homepage

4.1.1.   Register

On this page new users or non-members of DFI Project can create their account and upload their DAY6 fanart as the requirements of joining this drawing community. This page also shows the arts' collage of the members of DFI.

The account verification is held by the Project Officers (the admins of DFI) because they need to see if this person is eligible or not to join the community. Once the new users' verification is changed to 'verified', they can login to the DFI Project.

Screen 1:

DFI Project

Birthday
MM/DD/YYYY

Twitter
Twitter

Instagram
Instagram

Why do you want to join us?
Please state your reason here

Please upload your DAY6 fanart
File_name.png   Add File

Sign up

Already have and account? *Log in*

PLAYER 1
JAE

PLAYER 2
DOWOON

DFI

EVERYDUO6 : AUGUST

DAYLORANT

< > SELECT GAME   2/5

Screen 2:

DFI Project

DFI Project Terms and Conditions

1. (To Be Announced Later).
2. We will put DFI rules here so that the new members would've already known once their application has been reviewed and accepted to join DFI.
3. Lorem ipsum dolor sit amet.
4. The quick brown fox jumps over the lazy dog.

Close

Sign up to DFI Project

Username
mireuharu

Name

E-mail
mireuharu@myday.com

Password
****

Retype Password
****

Hometown
Jakarta

Birthday
01/29/2000

PLAYER 1
JAE

PLAYER 2
DOWOON

DFI

< > SELECT GAME   2/5

Screen 3:

DFI Project

Thank you for your application to DFI Project

You can log in to DFI Project once our Project Officers has reviewed and verified your account.
Please wait the announcement on your registered e-mail.

Log in

Sign up to DFI Project

Username
mireuharu

Name
Miru

E-mail
mireuharu@myday.com

Password
****

Retype Password
****

Hometown
Jakarta

Birthday
01/29/2000

PLAYER 1
JAE

PLAYER 2
DOWOON

DFI

EVERYDUO6 :

< > SELECT GAME   2/5

4.1.2. Login

On this page the verified members can login to the DFI Project. In the DFI Project, the users are divided into 2 types. The first one is Project Officer or also known as the admin and member. The only differences between them is that the Project Officer can manage the Projects and Members of DFI.
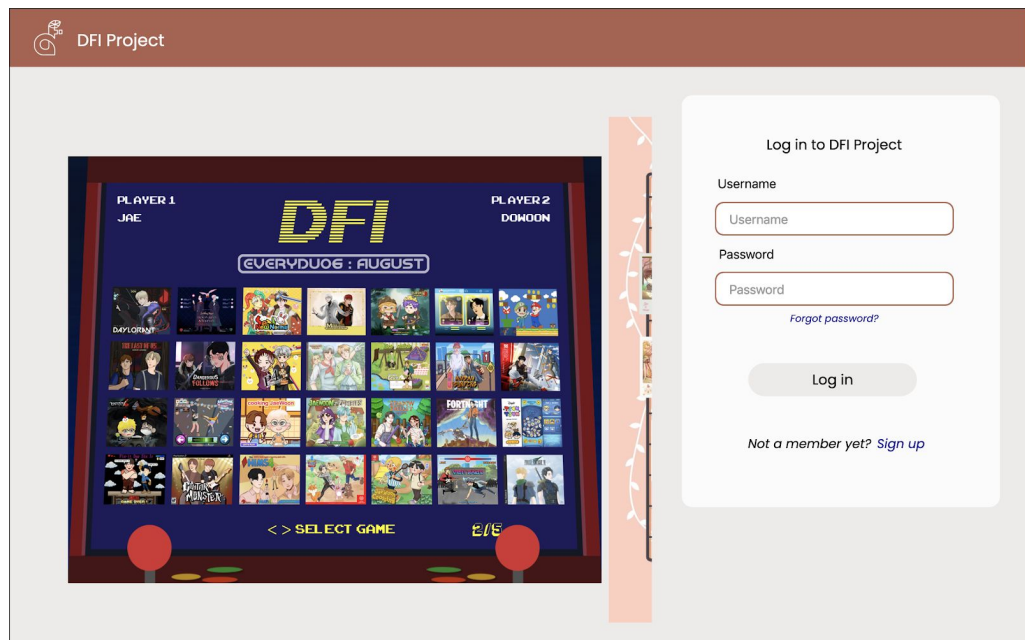
4.1.3. Dashboard

This page will show how many projects that have been held, the arts that have been submitted, how many members, and the number of active members in the past months. On the other hand, it also shows the ongoing projects, today's members' birthday, and new members. Actually, we are planning on making a chart of Participation Rates among the Members.
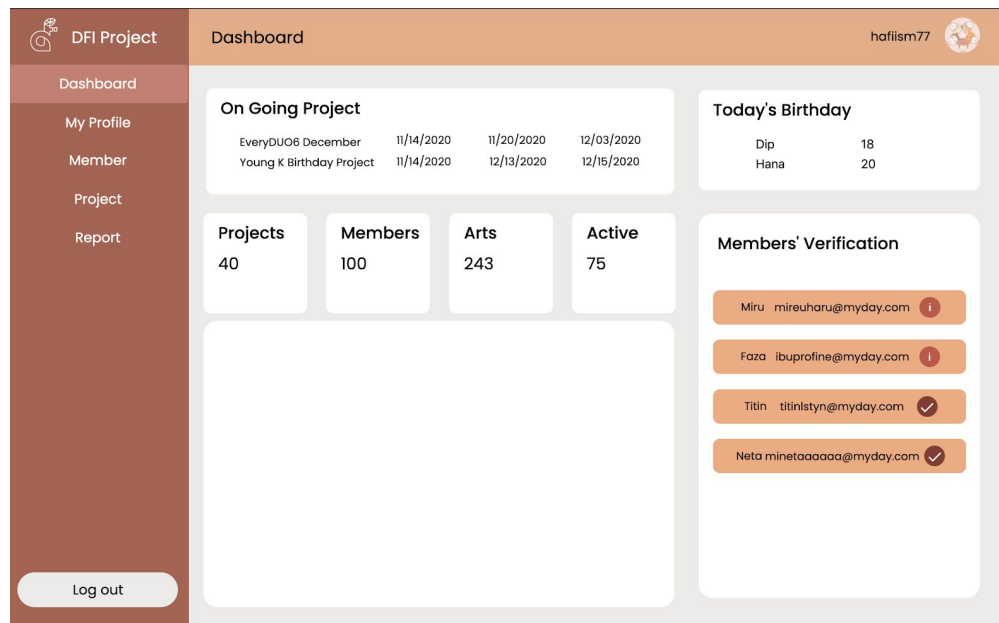
4.2. User

    4.2.1. Project Officer (Admin)

        4.2.1.1. Update / Edit Member Type

            Project Officer can change the status of the members from 'ordinary member' to 'project officer'.
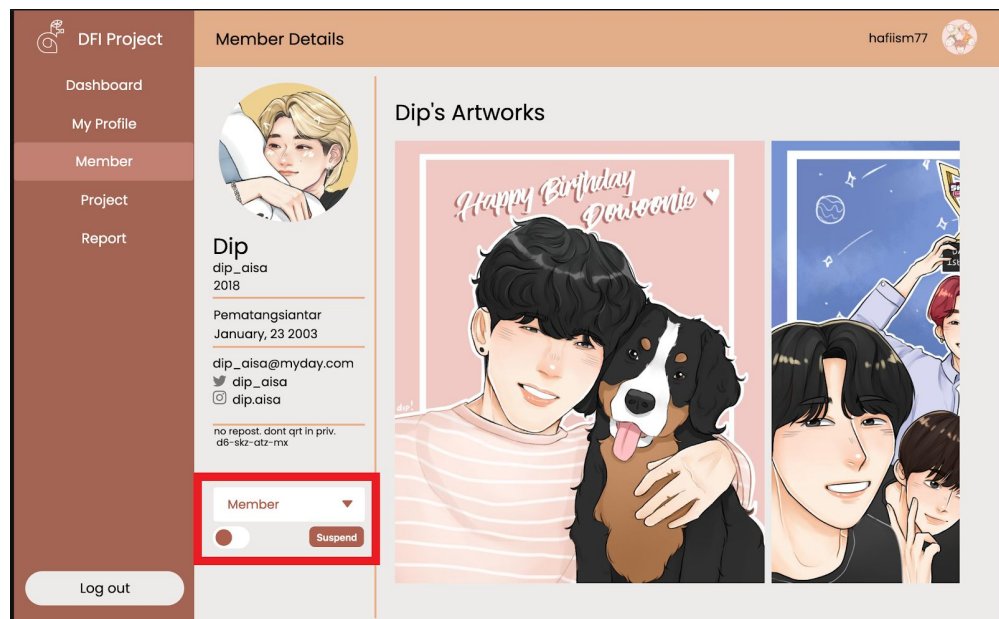
4.2.1.2. Update / Edit Member Verification
Project Officer can change the member verification status from 'unverified' to 'verified'.

4.2.1.3. Update / Edit Member Status
Project Officer can change the member status from 'suspended' to 'active' and vice versa.
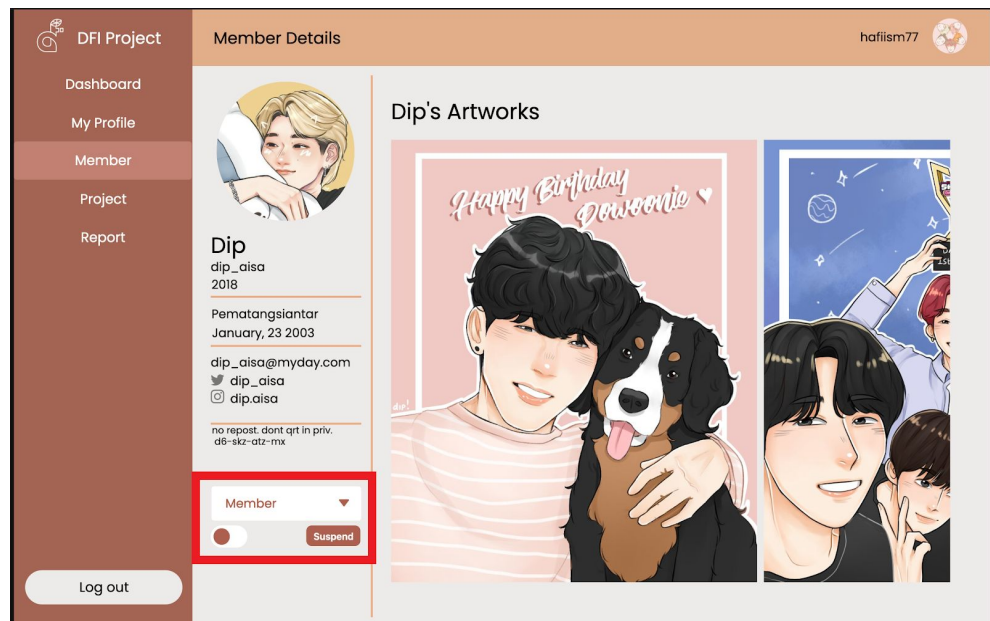
4.2.2.   Project Officer and Member

4.2.2.1.   Read Member List

Both Project Officers and Members can read the list from DFI
members along with their name, their social media handler and
their current status in DFI Project.
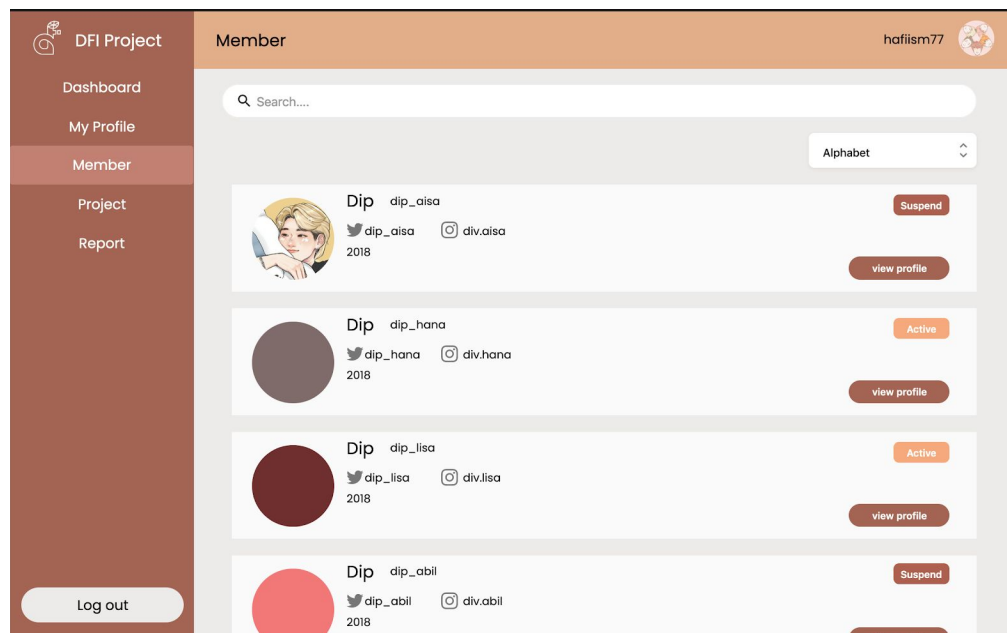
4.2.2.2.   Read Member Details

Both Project Officers and Members can see the details of each members' of DFI. The differences are the Project Officers can change the type and status of other members (as stated above) but the ordinary member cannot take this action.
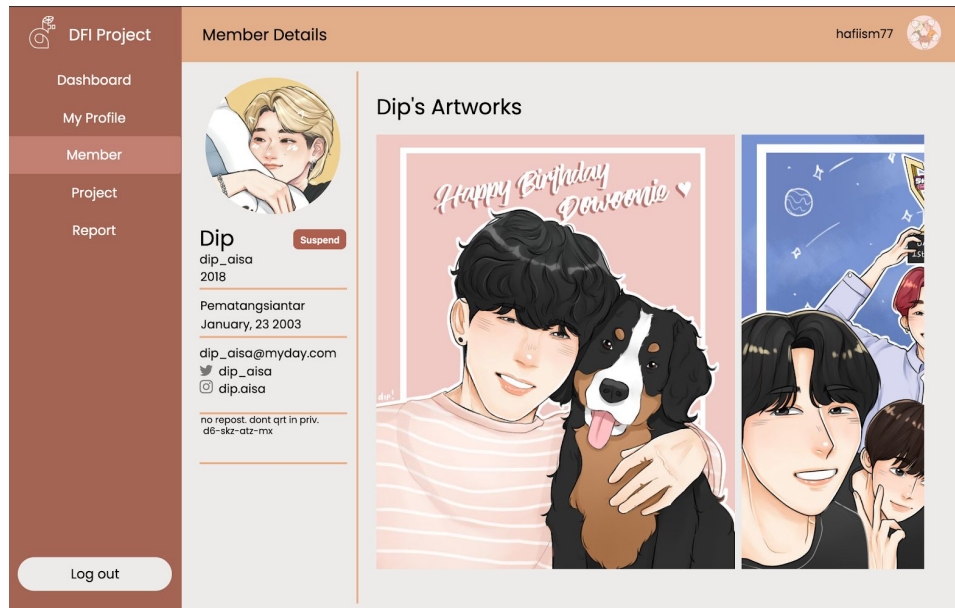
4.2.2.3.   Read / Details "My Profile"

Both Project Officers and Members can see the details of their own account, including name, username, hometown, birthday, e-mail, their social media handler, short introduction, and their latest artworks.
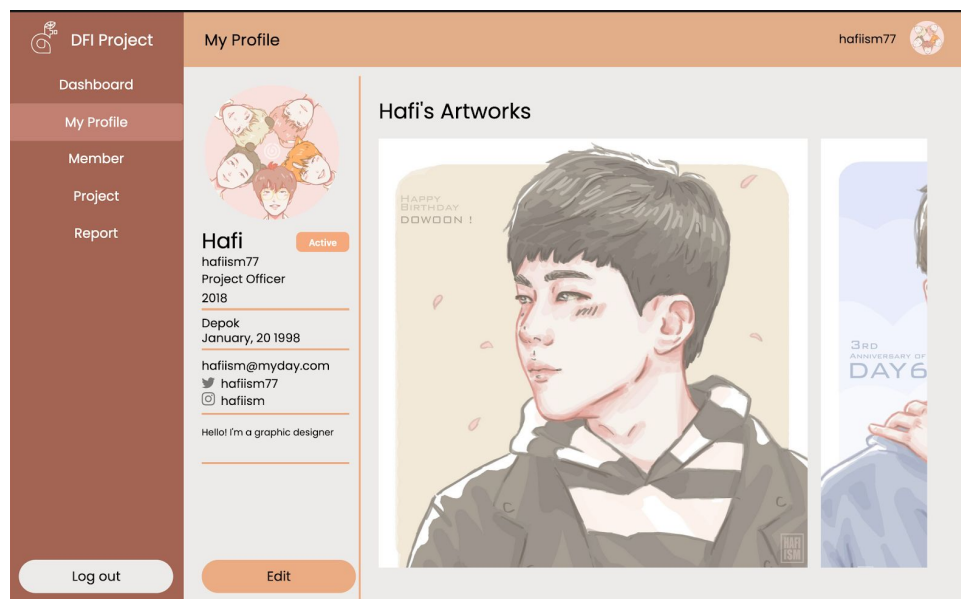
4.2.2.4. Update / Edit "My Profile"

Both Project Officers and Members can see the details of their own account, including name, username, hometown, birthday, e-mail, password, their social media handler, and short introduction.

4.3. Project

4.3.1. Create New Project

Project Officers can create new projects, and once the project is made it will be shown on the project main page.

Screen 1

DFI Project

- Dashboard
- My Profile
- Member
- Project
- Report

Log out

Project

hafiism77

🔍 Search....

Save Project

Title
DFI New Year 2021

Theme
DAY6 x Artist

Registration Open
12/14/2020

Registration Close
12/20/2020

Deadline
12/30/2020

Post
12/31/2020

Color Palette
Free

Canvas Size
1080 x 1350 (4 : 5)

Description
Draw yourself with DAY6 members, you can also include Denimalz and your Original Characters (optional) during new year's eve.

Screen 2

DFI Project

- Dashboard
- My Profile
- Member
- Project
- Report

Log out

Project

hafiism77

🔍 Search....

New Project

On Going Project

EveryDUO6 December	11/14/2020	11/20/2020	12/03/2020
Young K Birthday Project	11/14/2020	12/13/2020	12/15/2020
DAY6 x Artist	12/14/2020	12/30/2020	12/31/2020

Finished Projects

Title	Post Date	Participants		
EveryDUO6 November	11/05/2020	40	Details	Report
EveryDUO6 October	11/05/2020	40	Details	Report
EveryDUO6 September	11/05/2020	40	Details	Report

4.3.2. Read / Details Project

Both Project Officers and Members can read the project details.

4.3.3. Update / Edit Project

Project Officer can update or edit the project details.

4.3.4. Delete Project

Project Officers can delete the project.

4.4. Fanart

4.4.1. Create / Upload the Fanart

Both Project Officers and Members can upload their fanart if they decide to participate in the projects. If they click the participate button,

the pop up notification of commitment will be shown. After that, the upload button will be shown if the registration date is already closed.

4.4.2. Read Fanart

Both Project Officers and Members can see their fanart file name on their own project details page.

4.4.3. Update Fanart

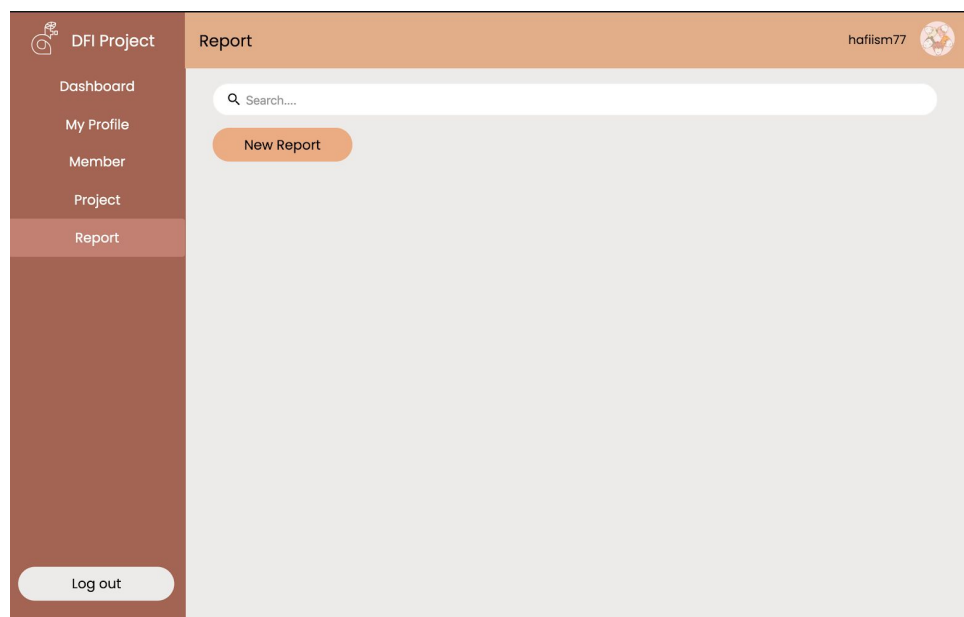Both Project Officers and Members can change their fanart file if the project has not met its deadline.

4.4.4. Delete Fanart

Both Project Officers and Members can delete their fanart file if the project has not met its deadline.
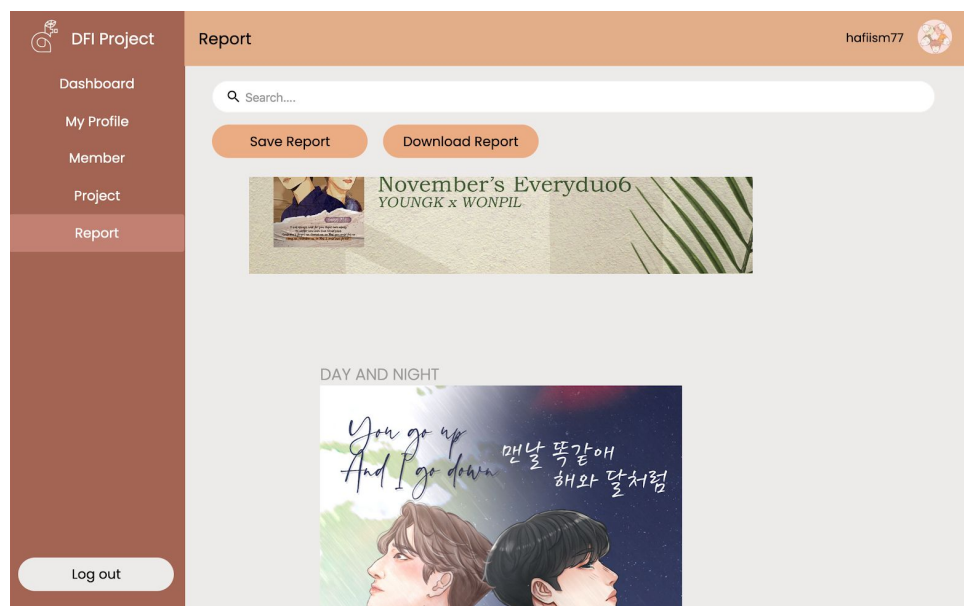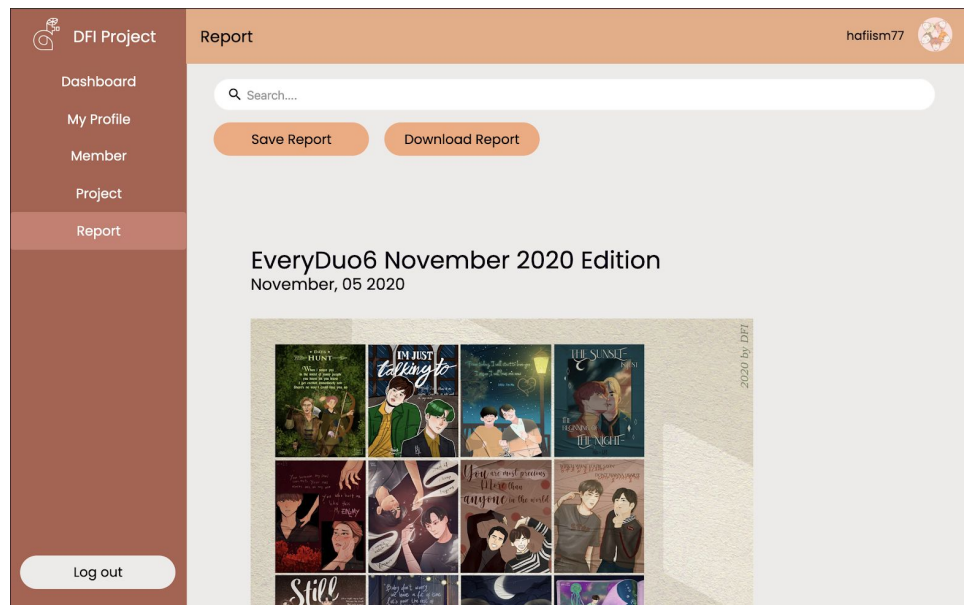
4.5. Project Report

4.5.1. Create

Project Officers can create a report based on the data of the project once the project is ended. They can also input the artworks collage of the DFI members.

4.5.2. Read / Details Report

Both Project Officers and Members can read the report details through this Report page. The report details consists of artworks collage and each artworks alongside with the title and username of each member.

4.5.3. Update / Edit Report

Project Officers can update or edit the Project Report.

5.   Percentage of Works and Contributions

5.1.   Muhammad Daffa' Aflah Syarif

    5.1.1.   Contribution: 30%

    5.1.2.   Details:

- Database Design
- Frontend Project

5.2.   Maisie Chiara Salsabila

    5.2.1.   Contribution: 35%

    5.2.2.   Details:

- Hosting
- Frontend Homepage Dashboard
- Frontend Report
- Backend
- Report

5.3.   Lii'zza Aisyah Putri Sulistio

    5.3.1.   Contribution: 35%

    5.3.2.   Details:

- Hosting
- Frontend Homepage Register and Login
- Frontend User
- Backend
- Report