QUIZ 2
WEB PROGRAMMING (E)

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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.

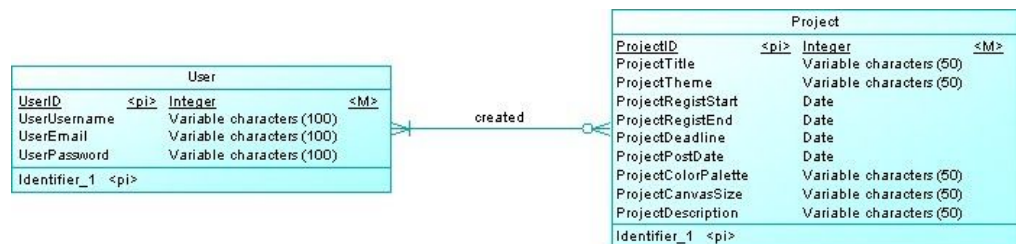2. **Web Page**

    2.1.   URL   :

    https://dfi-project.azurewebsites.net/

    2.2.   Github :

    https://github.com/liizzasulistio/IF184504_WEBPRO_E_Quiz2_30Syarif_57 Maisie_73Liizza.git

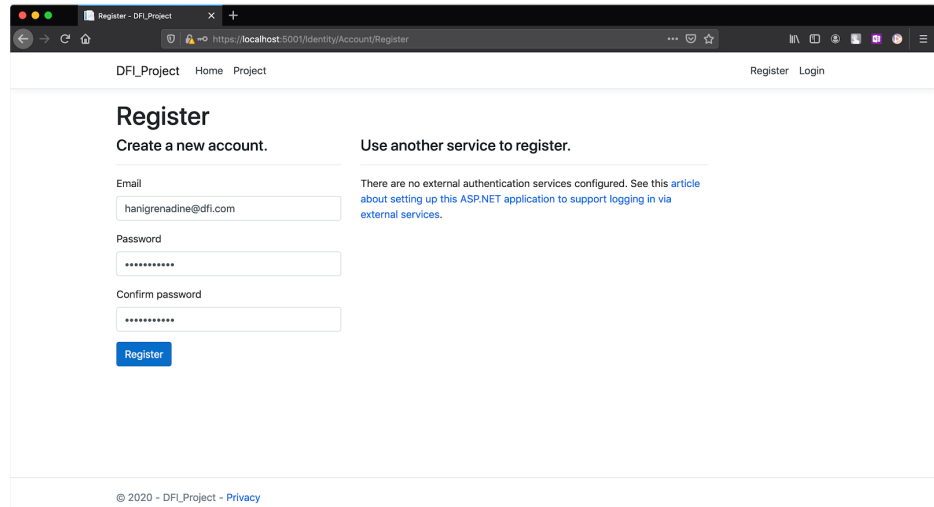3. **Database Design**

    3.1.   Conceptual Data Model

    3.2.   Physical Data Model

4. List of Features

4.1. Register

4.1.1. Screenshot Web Page

DFI_Project   Home   Project

Register   Login

Register

Create a new account.

Use another service to register.

Email

hanigrenadine@dfi.com

Password

••••••••••

Confirm password

••••••••••

Register

There are no external authentication services configured. See this article about setting up this ASP.NET application to support logging in via external services.

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4.1.2. Query

```sql
CREATE TABLE Users(
    UserID INT PRIMARY KEY DEFAULT NEXT VALUE FOR UserSeq,
    UserUsername VARCHAR(20) NOT NULL,
    UserEmail VARCHAR(50) NOT NULL,
    UserPassword VARCHAR(15) NOT NULL,
    UserName VARCHAR (50) NOT NULL,
    UserHometown VARCHAR (50),
    UserBirthDate DATE,
    UserTwitter VARCHAR(30),
    UserInstagram VARCHAR(30)
)
```

```sql
--For Insert
CREATE PROCEDURE SP_InsertUser
(
    @UserUsername VARCHAR(20) = '',
    @UserEmail VARCHAR(30) = '',
    @UserPassword VARCHAR(20) = '',
    @UserName VARCHAR(20) = '',
    @UserHometown VARCHAR(20) = '',
    @UserBirthDate DATE = '',
    @UserTwitter VARCHAR(20) = '',
    @UserInstagram VARCHAR(20) = ''
)
```

```sql
AS
BEGIN
    INSERT INTO Users (UserUsername, UserEmail, UserPassword, UserName,
UserHometown, UserBirthDate, UserTwitter, UserInstagram)
    VALUES(@UserUsername, @UserEmail, @UserPassword, @UserName,
@UserHometown, @UserBirthDate, @UserTwitter, @UserInstagram)
END
```
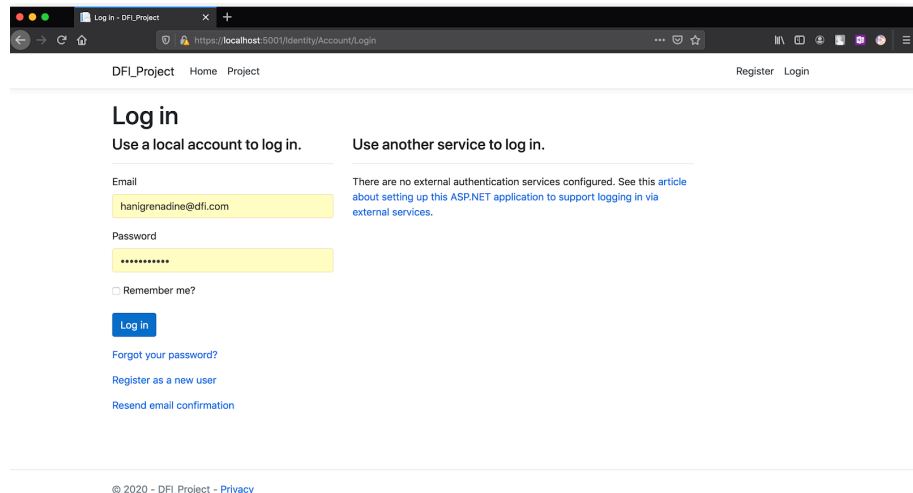
4.1.3. Explanation

It is a feature for sign up as a user.

4.2. Login-Logout

4.2.1. Screenshot Web Page

4.2.1.1. Login

4.2.1.2. Logout

```
[HttpPost]
public async Task<ActionResult> Logout()
{
    await _signInManager.SignOutAsync();
    return RedirectToAction("index", "Home");
}
```
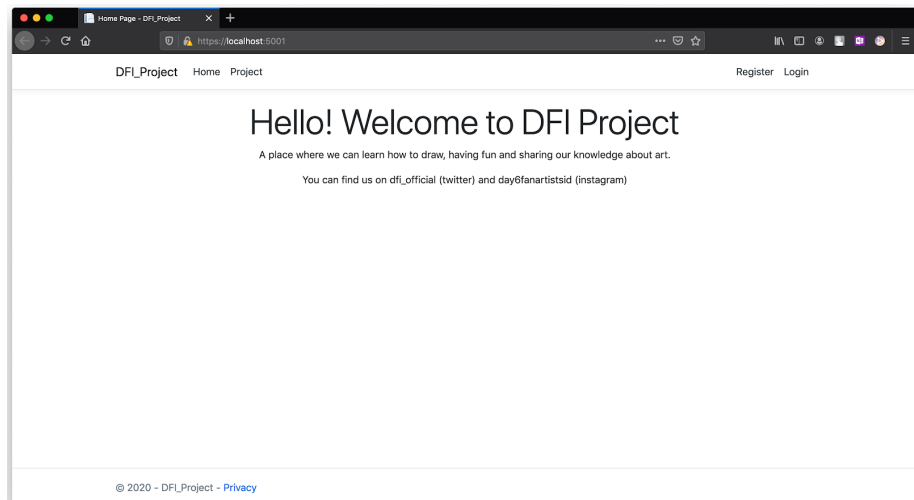
4.2.2. Explanation

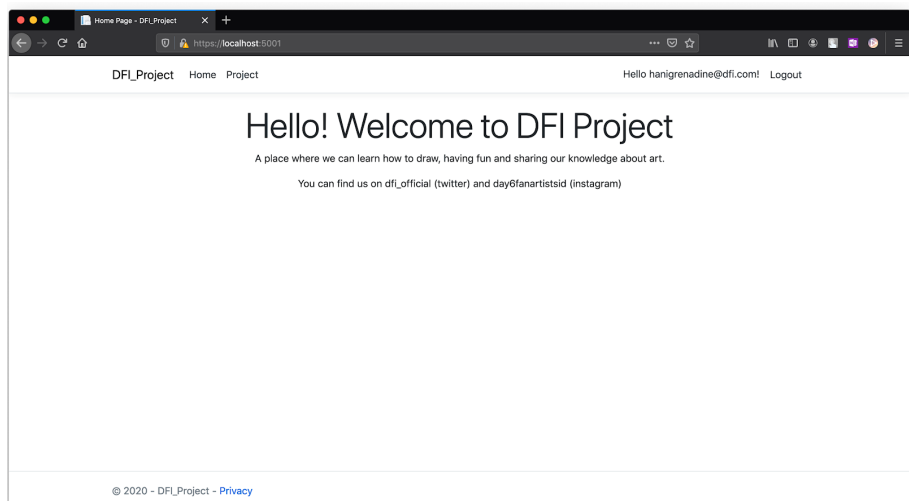These are features for login and logout. Our logout feature is still using authorization in the projectcontroller.

4.3. Homepage

4.3.1. Screenshot Web Page

4.3.1.1. Homepage before login

4.3.1.2. Homepage after login

4.3.2. Explanation

Homepage is divided in two types of Homepage; Homepage as the first page when accessing the website by the url link and Homepage as the first page of the website after successfully signed in.

4.4. CRUD (Create)

4.4.1. Screenshot Web Page

4.4.2. Query and Program


```sql
CREATE TABLE Projects(
    ProjectID INT PRIMARY KEY DEFAULT NEXT VALUE FOR ProjectSeq,
    ProjectTitle VARCHAR(50),
    ProjectTheme VARCHAR(50),
    ProjectRegistStart DATE,
    ProjectRegistEnd DATE,
    ProjectDeadline DATE,
    ProjectPostDate DATE,
    ProjectColorPalette VARCHAR(50),
    ProjectCanvasSize VARCHAR(50),
    ProjectDescription VARCHAR(100)
)
```



```sql
CREATE PROCEDURE SP_InsertProject
(
    @ProjectTitle VARCHAR(50)='',
    @ProjectTheme VARCHAR(50)='',
    @ProjectRegistStart DATE='',
    @ProjectRegistEnd DATE='',
    @ProjectDeadline DATE='',
    @ProjectPostDate DATE='',
    @ProjectColorPalette VARCHAR(50)='',
    @ProjectCanvasSize VARCHAR(50)='',
    @ProjectDescription VARCHAR(100)=''
)
```

```
AS
BEGIN
    INSERT INTO Projects (ProjectTitle, ProjectTheme, ProjectRegistStart, ProjectRegistEnd, ProjectDeadline,
ProjectPostDate,
    ProjectColorPalette, ProjectCanvasSize, ProjectDescription)
    VALUES (@ProjectTitle, @ProjectTheme, @ProjectRegistStart, @ProjectRegistEnd, @ProjectDeadline,
@ProjectPostDate,
    @ProjectColorPalette, @ProjectCanvasSize, @ProjectDescription)
END
```

```
SqlCommand cmd = new SqlCommand("SP_InsertProject", con);
cmd.CommandType = System.Data.CommandType.StoredProcedure;
```
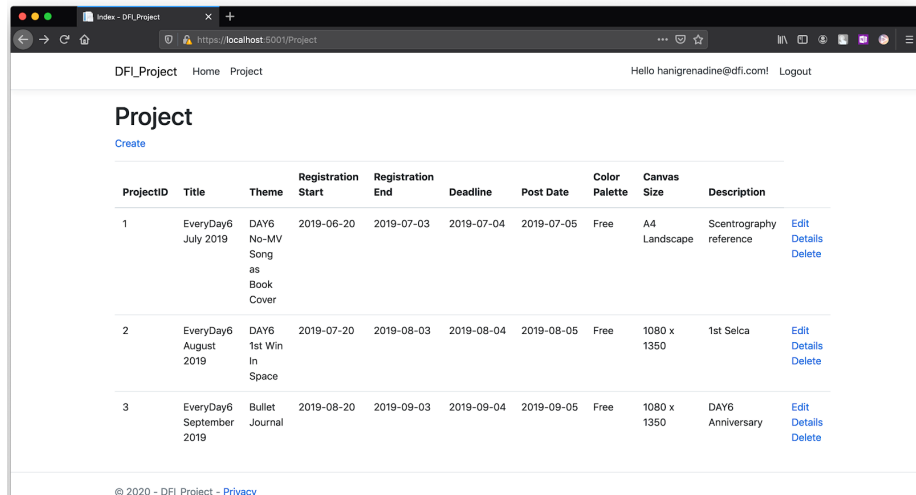
4.4.3. Explanation

Create or Add Project is used for adding new project by the admin of DFI. We are using query procedure to

4.5. CRUD (Read-Details Project)

4.5.1. Screenshot Web Page
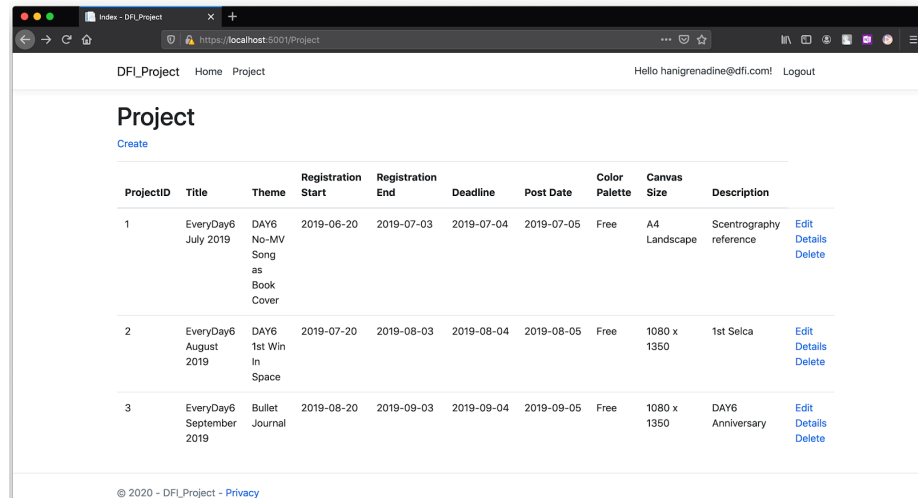

4.5.2. Query

4.5.3. Explanation

Details Project displays the table of projects which held by DFI.

4.6. CRUD (Update-Edit Project)

4.6.1. Screenshot Web Page
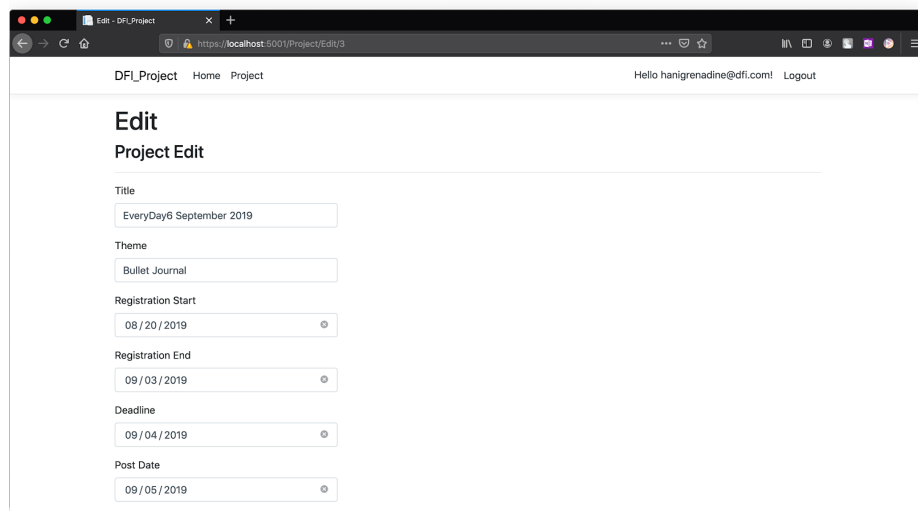
4.6.1.1. Before Edit (ID 3)

4.6.1.2. Editing

4.6.1.3. Edited

4.6.2. Query

```
--For Update
CREATE PROCEDURE SP_UpdateProject
(
    @EmpProjectID INT = 0,
    @ProjectTitle VARCHAR(50)='',
    @ProjectTheme VARCHAR(50)='',
    @ProjectRegistStart DATE='',
    @ProjectRegistEnd DATE='',
    @ProjectDeadline DATE='',
    @ProjectPostDate DATE='',
    @ProjectColorPalette VARCHAR(50)='',
    @ProjectCanvasSize VARCHAR(50)='',
    @ProjectDescription VARCHAR(100)=''
)
```

```
AS
BEGIN
    UPDATE Projects Set ProjectTitle=@ProjectTitle, ProjectTheme=@ProjectTheme,
ProjectRegistStart=@ProjectRegistStart, ProjectRegistEnd=@ProjectRegistEnd,
ProjectDeadline=@ProjectDeadline, ProjectPostDate=@ProjectPostDate,
    ProjectColorPalette=@ProjectColorPalette, ProjectCanvasSize=@ProjectCanvasSize,
ProjectDescription=@ProjectDescription
    WHERE ProjectID=@EmpProjectID
END
```
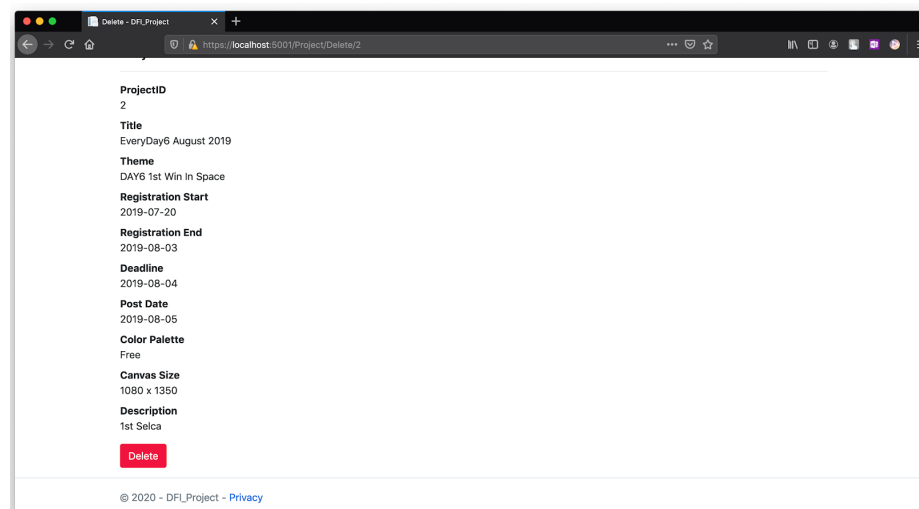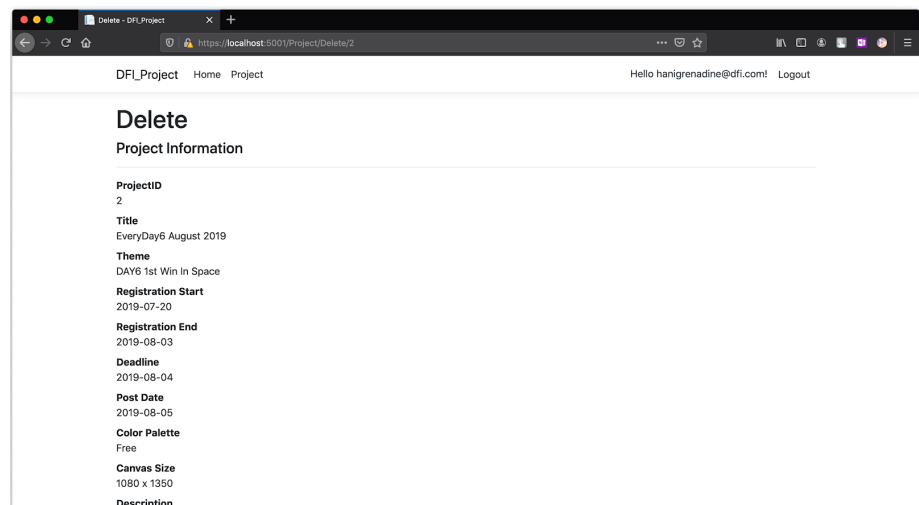
4.6.3. Explanation

Update or Edit Project is used for update or edit data of the project.

4.7. CRUD (Delete)

4.7.1. Screenshot Web Page

4.7.2. Query

```
--For Delete
CREATE PROCEDURE SP_DeleteProject
(
    @EmpProjectID INT
)
AS
BEGIN
    DELETE FROM Projects WHERE ProjectID = @EmpProjectID
END
```

4.7.3. Explanation

Delete Project is used for delete a project data.

5.   Percentage of Works and Contributions

Muhammad Daffa' Aflah Syarif and Maisie Chiara Salsabila were having some problems with Visual Studio 2019 because Daffa and Maisie's PCs are not compatible, so we worked remotely through virtual meeting and helped Lii'zza Aisyah Putri Sulistio by writing codes in file with txt extension instead.

5.1.   Muhammad Daffa' Aflah Syarif

    5.1.1.   Contribution: 30%

    5.1.2.   Details: Database Design

5.2.   Maisie Chiara Salsabila

    5.2.1.   Contribution: 30%

    5.2.2.   Details: Report

5.3.   Lii'zza Aisyah Putri Sulistio

    5.3.1.   Contribution: 40%

    5.3.2.   Details: Coding and Testing