# Social Media Website Design Document

# Institiúid Teicneolaíochta Cheatharlach



At the Heart of South Leinster

Name: Daniel Polak

Start Date: 09/03/2020

## 1. Database Tables

### Members:

Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
MembersID 🔑	int(6)		UNSIGNED	No	None		AUTO_INCREMENT
FirstName	varchar(30)	latin1_swedish_ci		No	None		
LastName	varchar(30)	latin1_swedish_ci		No	None		
Email	varchar(50)	latin1_swedish_ci		Yes	NULL		
Password	varchar(128)	latin1_swedish_ci		Yes	NULL		
About	varchar(255)	latin1_swedish_ci		Yes	NULL		
DateOfBirth	date			Yes	NULL		

### Images:

Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
lmagelD 🔑	int(20)			No	None		AUTO_INCREMENT
ImagePath	varchar(100)	latin1_swedish_ci		No	None		
MemberID	int(6)			No	None		
Username	varchar(255)	latin1_swedish_ci		No	None		
Date	datetime			No	None		
Post	varchar(255)	latin1_swedish_ci		No	None		

# Profile Image:

Name	Type	Collation	Attributes	Null	Default	Comments
MembersID	int(6)			No	None	
Path	text	latin1_swedish_ci		No		
Date	date			No	None	
Selected	tinyint(1)			No	None	

### Friends:

Name	Туре	Collation	Attributes	Null	Default	Comments
Username	varchar(255)	latin1_swedish_ci		No	None	
FriendUsername	varchar(255)	latin1_swedish_ci		No	None	
FriendFullName	varchar(255)	latin1_swedish_ci		No	None	
DeleteFlag	tinyint(1)			No	None	

#### Notifications:

Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
NotificationID 🔑	int(6)			No	None		AUTO_INCREMENT
Username	varchar(255)	latin1_swedish_ci		No	None		
FriendUsername	varchar(255)	latin1_swedish_ci		No	None		
Active	tinyint(1)			No	None		

#### Info:

Name	Туре	Collation	Attributes	Null	<b>Default Comments</b>
Username	varchar(255)	latin1_swedish_ci		No	None
Interests	varchar(255)	latin1_swedish_ci		No	None
School	varchar(255)	latin1_swedish_ci		No	None
College	varchar(255)	latin1_swedish_ci		No	None
Work	varchar(255)	latin1_swedish_ci		No	None
PhoneNumber	varchar(10)	latin1_swedish_ci		No	None
Country	varchar(255)	latin1_swedish_ci		No	None
Reletionship	varchar(20)	latin1_swedish_ci		No	None

### Messages:

Name	Туре	Collation	Attributes	Null	Default	Comments
Username	varchar(255)	latin1_swedish_ci		No	None	
FriendUsername	varchar(255)	latin1_swedish_ci		No	None	
Message	varchar(255)	latin1_swedish_ci		No	None	
DateTime	datetime			No	None	

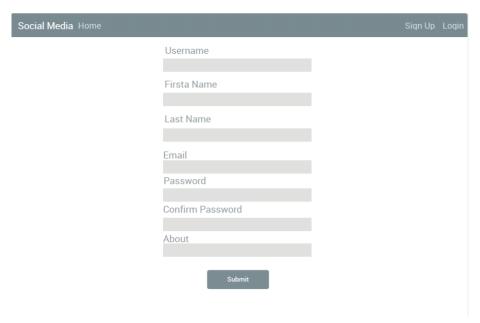
### 2. Storage

Storage function is used for images and profile images.

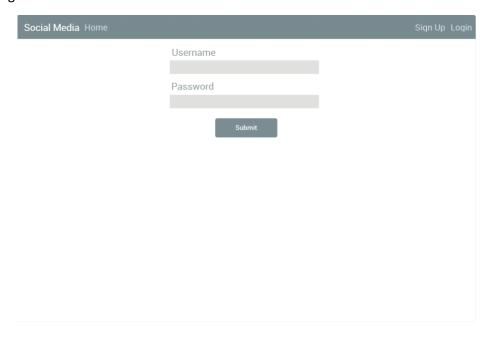
Images are stored in a directory called Photos. Images are named after the user followed by \_ and date/time (e.g. admin\_2020\_04\_24\_18\_15\_36). Profile images are stored in directory called Profile which is in directory Photos. These images are named in the same way as images in Photos (e.g. admin\_2020\_04\_24\_18\_15\_36).

# 3. Design UI

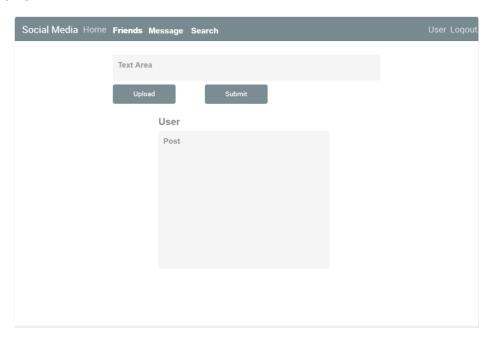
## Sign Up



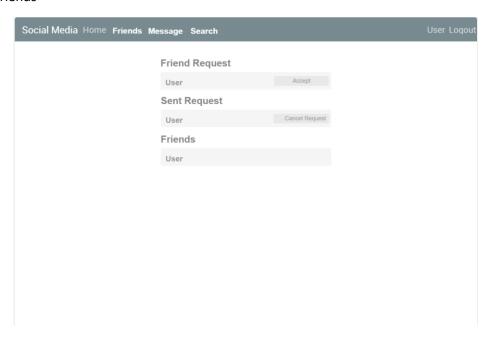
### Login



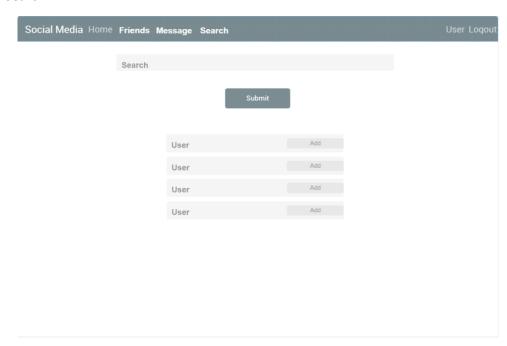
### Home



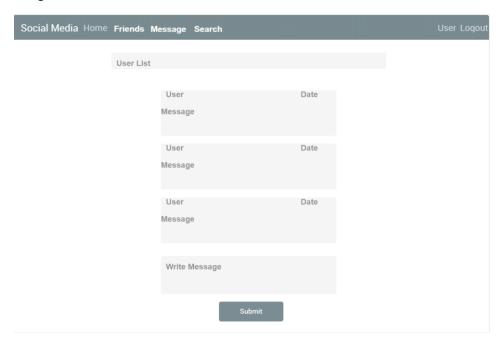
### Friends



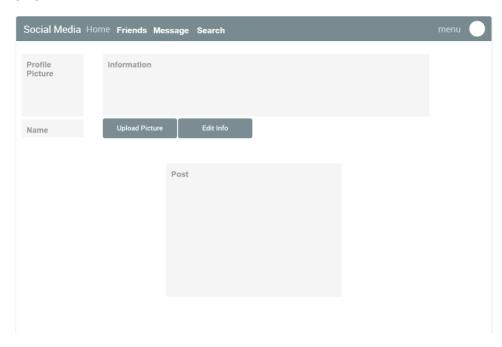
### Search



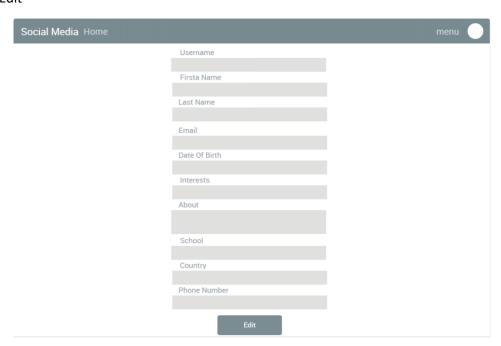
### Messages



### Profile



### Edit



### 4. Code Structure

Db.inc.php

Registration.html.php

Signup.php

LoginScreen.html.php

LoginScreen.php

NavPreset.php

HomePage.html.php

ImageLoad.php

Upload.php

Profile.html.php

uploadProfilePic.html.php

ProfileImageUpload.php

ProfileImage.php

SearchResults.html.php

Search.php

UserInfo.php

Logout.php

mainImageLoad.php

index.html

 ${\it acceptFriend.php}$ 

deleteFriend.php

getInfo.php

getRequest.php

deleteNotification.php

chechLogedUser.php

infoEdit.html.php

updateInfo.php

passwordChange.html.php

changePassword.php

friends.html.php

friends.php

friendCheck.php

messages.html.php

sendMessage.php

showMessage.php

HomeData.html.php

Data.php