

Social Media Website Design Document

Institiúid Teicneolaíochta Cheatharlach



INSTITUTE *of*
TECHNOLOGY

CARLOW


At the Heart of South Leinster

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Start Date: 09/03/2020

1. Database Tables

Members:

Name	Type	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	Type	Collation	Attributes	Null	Default	Comments	Extra
ImageID 	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	Type	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	Type	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	Type	Collation	Attributes	Null	Default	Comments
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	
Relationship	varchar(20)	latin1_swedish_ci		No	None	

Messages:

Name	Type	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

[Social Media](#) [Home](#) [Sign Up](#) [Login](#)

Username

Firsta Name

Last Name

Email

Password

Confirm Password

About

Submit

Login

[Social Media](#) [Home](#) [Sign Up](#) [Login](#)

Username

Password

Submit

Home

Social Media Home Friends Message Search

User Logout

Text Area

UploadSubmit

User

Post

Friends

Social Media Home Friends Message Search

User Logout

Friend Request

UserAccept

Sent Request

UserCancel Request

Friends

User

Search

Social Media Home Friends Message Search

User Logout

Search

Submit

UserAdd

UserAdd

UserAdd

UserAdd

Messages

Social Media Home Friends Message Search

User Logout

User List

UserDate

Message

UserDate

Message

UserDate

Message

Write Message

Submit

Profile

Social Media

Home

Friends

Message

Search

menu

Profile Picture

Information

Name

Upload Picture

Edit Info

Post

Edit

Social Media

Home

menu

Username

Firsta Name

Last Name

Email

Date Of Birth

Interests

About

School

Country

Phone Number

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

acceptFriend.php

deleteFriend.php

getInfo.php

getRequest.php

deleteNotification.php

checkLoggedUser.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