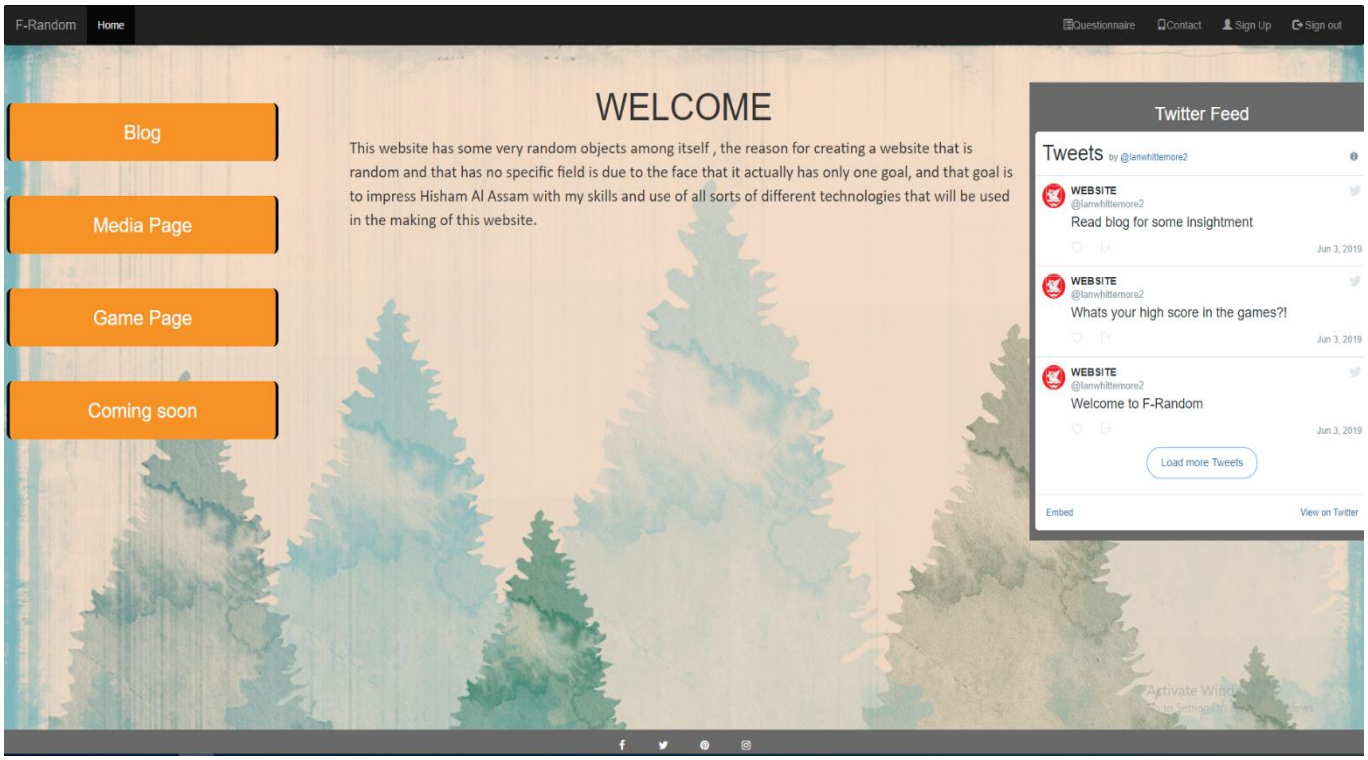
F-Random

This pdf document will discuss the website as well as the unique features that were implemented in the making of the site. This document will also show the code for every page, the reason for providing the code here is to help show which code is for which page.

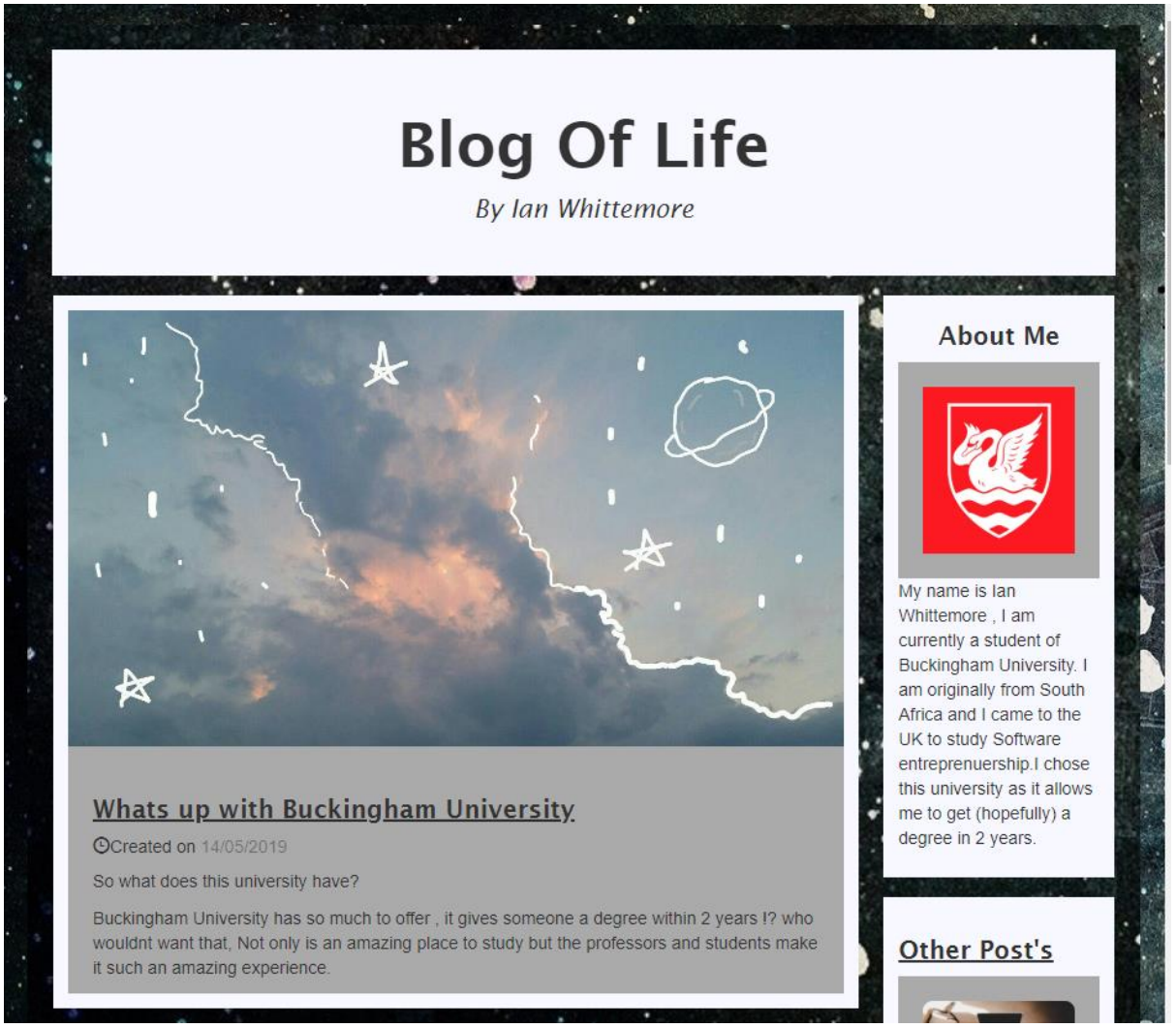
This website used a mixture of technologies for the creation. Such as bootstrap, css responsive pages, PHP, canvas, JavaScript and more.

The main page uses a css file called “respweb.css”

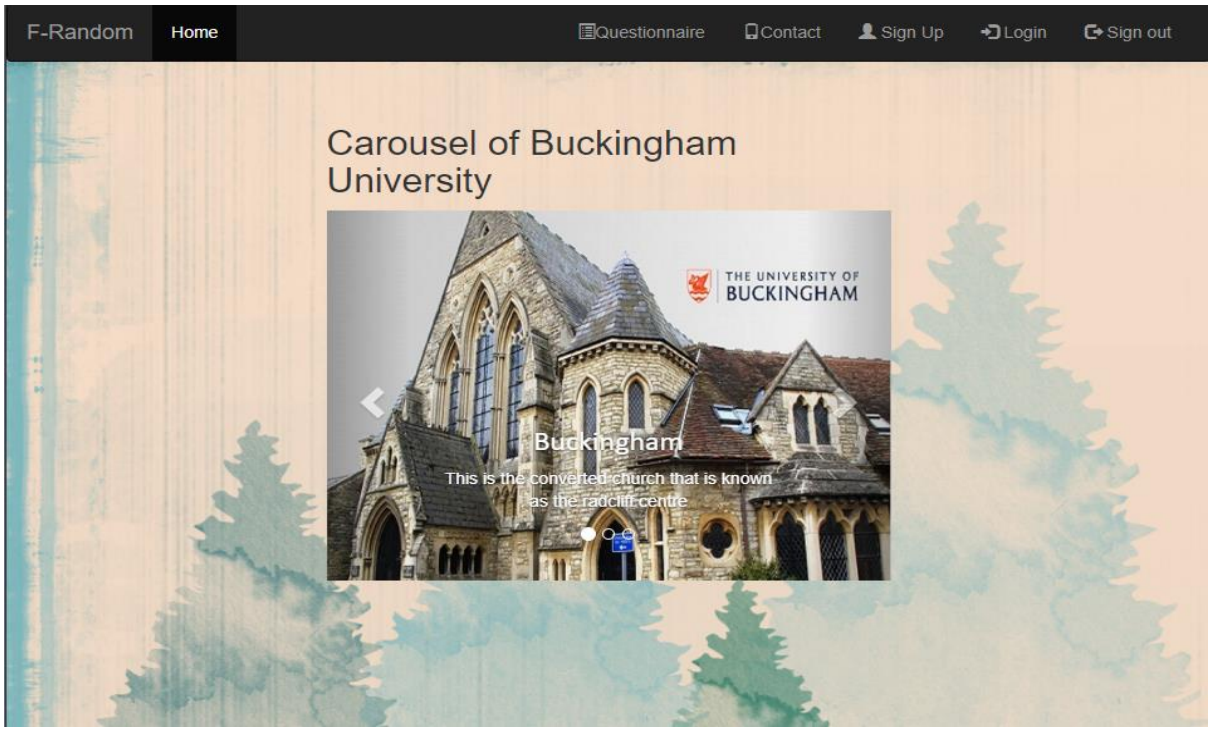
This page is for navigating to different areas of the website, it also has a twitter feed that has been included. There is a navigation bar to help go to different areas of the site as well.



The blog is made up using something called “card” this helps make the blog look more appealing and like an actual blog. There is also some JavaScript that has some hover effects as well as messages for when a user clicks on a post. The css for the page is in the html as to show the difference between external and internal.



Media page, this is a carsoul of images of the university of buckingham , All images have been formatted to make it fit and flow equally without needing to adjust the page size.

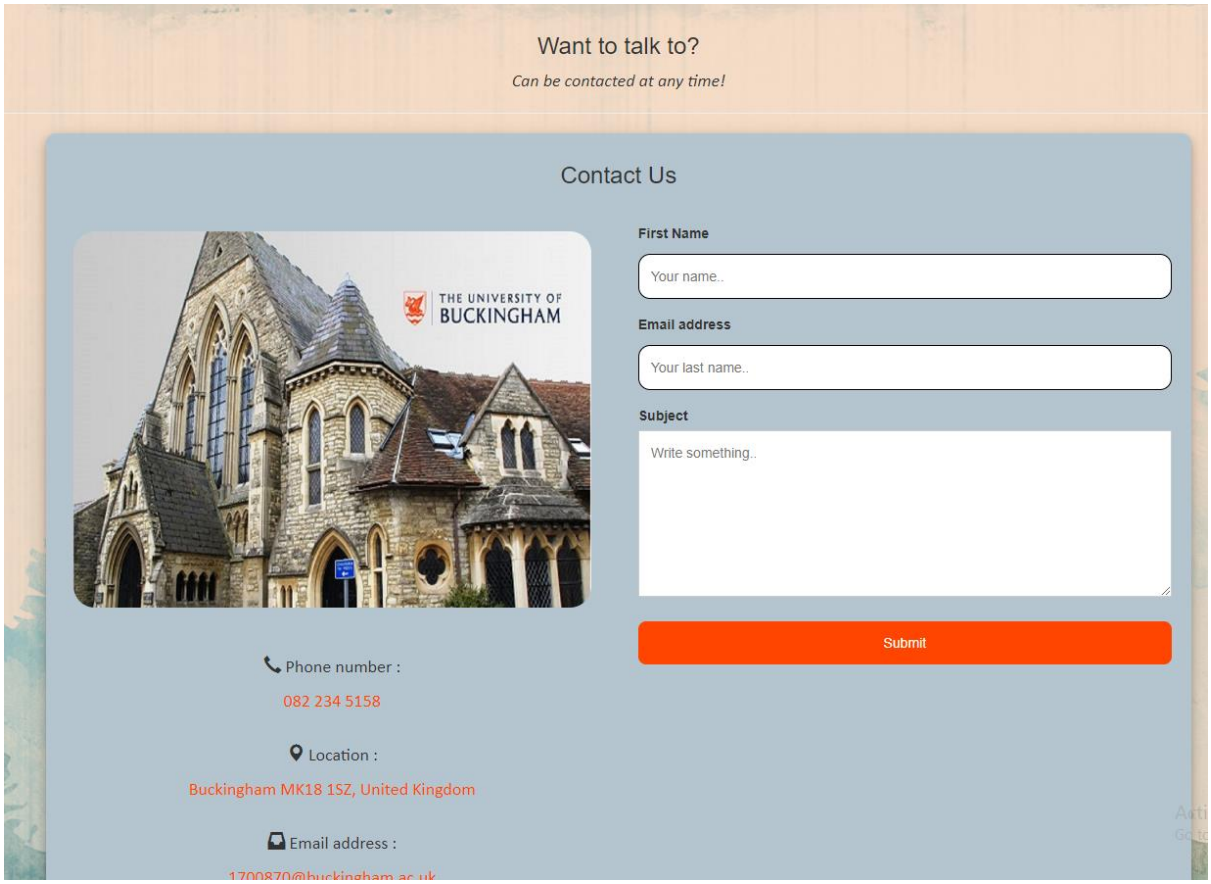


Questionnaire , This page is a feedback style questions to get information back on the users that used the site and what they thought of it. There is some error that will not connect to database , please refer to comments in code. The css is in the file called ‘question.css’

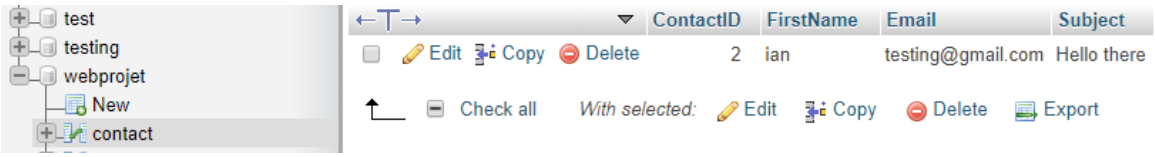
SQL:

```php
<?php

    //we sppent some time to get this to work and for some reason it didnt.
    if(isset($_POST['submit']))
    {

    include 'myDB.php';
    $Q1 = $_POST['yes'];
    $Q2 = implode(',',$_POST['q2']);
    $Q3 = $_POST['q3'];
    $Q4 = $_POST['method'];
    $Q5 = $_POST['q5'];
    $Q6 = $_POST['method1'];
    $Q7 = $_POST['q7'];
    $Q8 = implode(',',$_POST['q8']);
    $Q9 = $_POST['q9'];
    $Q10 = $_POST['rate'];


    $sql = "INSERT INTO questionnaire (Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8,Q9,Q10) VALUES ('$Q1', '$Q2', '$Q3', '$Q4', '$Q5', '$Q6', '$Q7', '$Q8', '$Q9', '$Q10')";

    if ($conn->query($sql) === TRUE)
    {
    echo "successful";
    header("Location: questionnaire.php");
    } else {
    echo "Error: " . $sql . "<br>" . $conn->error;

    }
    $conn->close();
    }
    ?>
```

Contact page , this is where users are able to send information to the database for reading later on and the ability to contact.

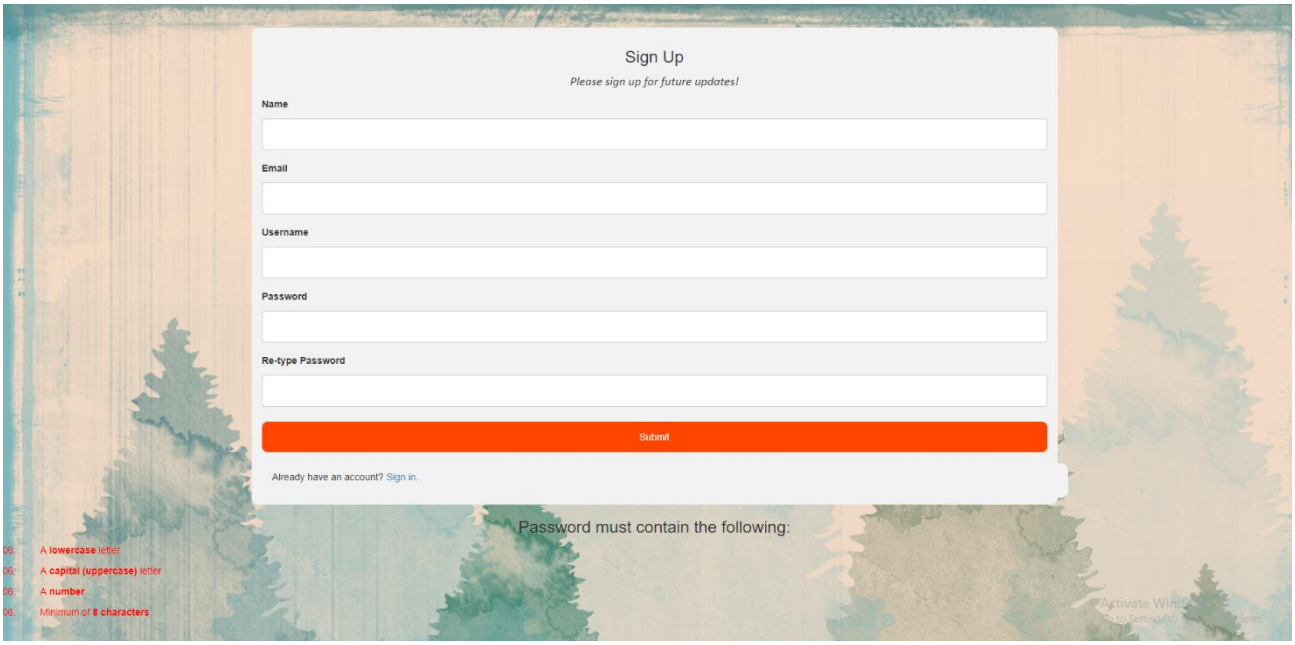


The sql code for the contact page is as follows and appears in the database as such:

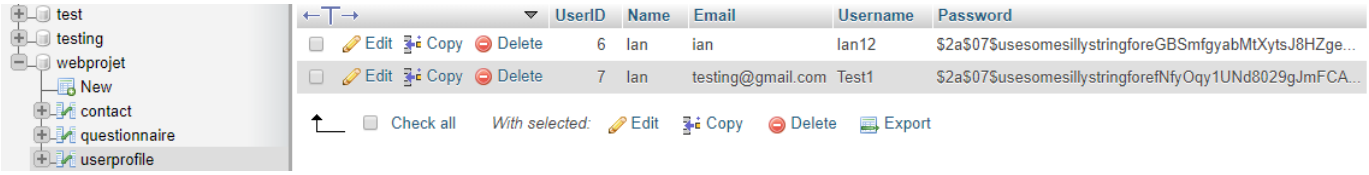



```php
<?php
if(isset($_POST['submits']))
{
include "myDB.php" ;
$firstname = $_POST['firstname'];
$Email = $_POST['Email'];
$subject = $_POST['subject'];

$sql = "INSERT INTO contact (FirstName, Email, Subject) VALUES ('$firstname', '$Email' , '$subject' )";


if ($conn->query($sql) === TRUE)
{
    echo "Submission successful";
    header("Location: main.php");
    } else
    {
    echo "Error: " . $sql . "<br>" . $conn->error;
    }
    $conn->close();
    }
?>
```

Sign up is where users will sign up in order to use the website , at the moment everything works except the session which has been commented out.The password has been protected by using a hash function.

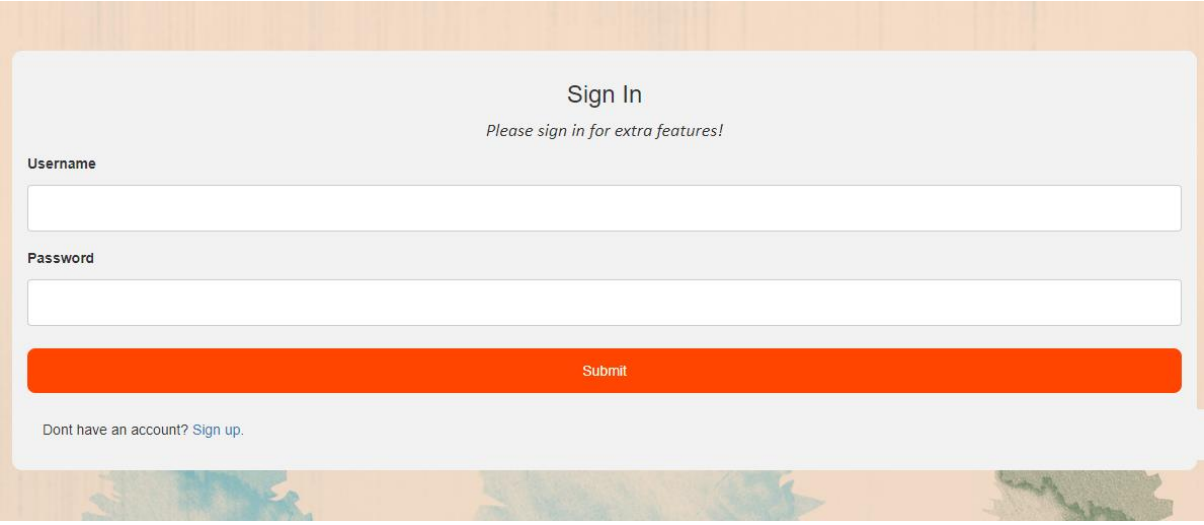


The code for the sql is as follows and an example of how it appears in the database.




```php
<?php
if (isset($_POST['submit'])) {
include 'myDB.php';
$name = $_POST['Names'];
$email = $_POST['Emails'];
$username = $_POST['username'];

$password =crypt($_POST['pwd1'],'$2a$07$usesomesillystringforsalt$');
$sql = "INSERT INTO userprofile (Name,Email,Username,Password) VALUES ('$name' , '$email' , '$username' , '$password')";


if ($conn->query($sql) === TRUE)
{
    //$sql= "SELECT UserID FROM userprofile WHERE username='$username' AND password='$password'";

    //$result = $conn->query($sql);
    //$row = $result->fetch_assoc();
    //$_SESSION['UserID'] = $row['UserID'];

    echo "Submission successful";
    header("Location: main.php");
    //exit();
    } else
    {
    echo "Error: " . $sql . "<br>" . $conn->error;
    }
    $conn->close();
}
```

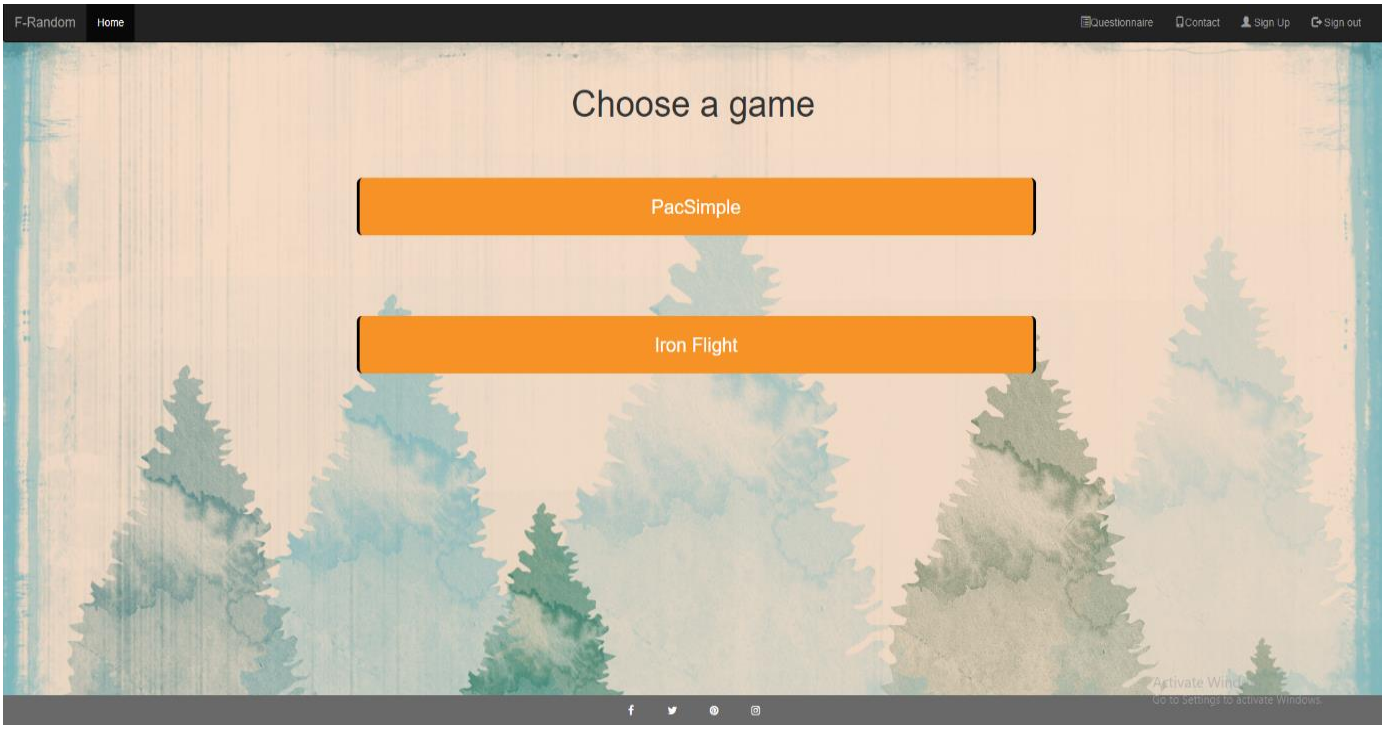
Login page , when a user is signed up , they will be able to login into the website.This should start the session but unfortunatly is not working , but the checking of user is working and will work.



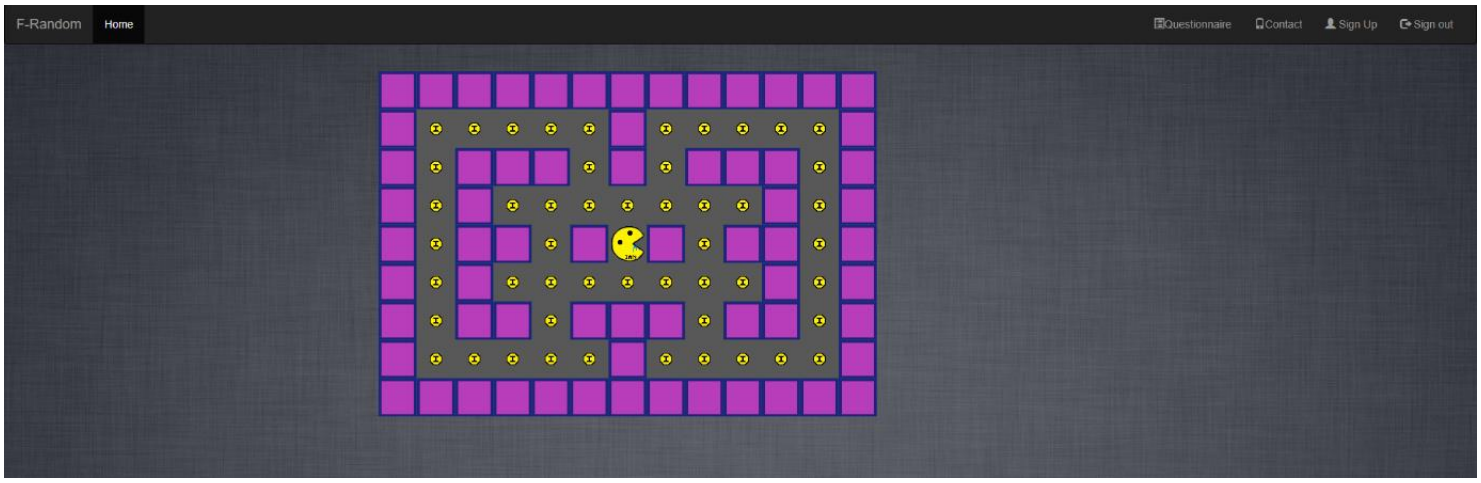
Code for SQL is as follows:

```
<?php
$errorMsg = "";
if (isset($_POST['submit']))
{
include 'myDB.php';

$username = $_POST['username'];

$password1 =crypt($_POST['password1'],'$2a$07$usesomesillystringforsalt$');



$sql= "SELECT * FROM userprofile WHERE Username='$username' AND Password='$password1'";
$result = $conn->query($sql);
$check = $result->fetch_assoc();

if(isset($check))
{
//$_SESSION['UserID'] = $row['UserID'];
echo 'success';
header("Location:main.php");
//exit();
}
else
{
$errorMsg = "<br><div class='alert alert-danger'>Invalid Username or Password</div>";
}
$conn->close();
}
```

GamePage, this is a menu for choosing between the two games.



Pacman , this is a really simple version of pacman, the images have been made using paint.The css file is called ‘pacman.css’.



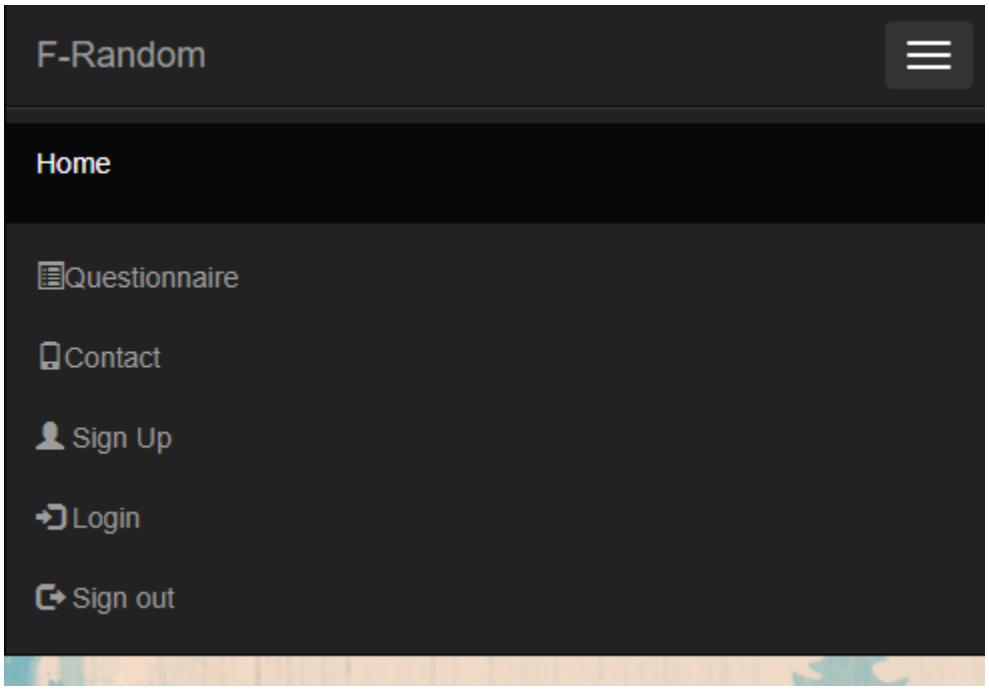
Iron Flight, this game was created by using a gif of iron man , and has moving obstacles aswell as a score board , the way to make iron man fly is to hold the boost button to lift him up , and let go of the button to make him fall.The css file is called ‘gameiron’.

This is the connection to the database , the file is called , myDB.php. Please call the database in phpmyadmin as webproject , otherwise it will need changing in the mpDB.php file.

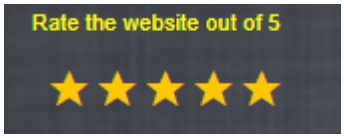
```php
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "webproject";
// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
die("Connection failed: " . $conn->connect_error);
}

?>
```

Unique features

A compact menu icon on the side for mobile users and when clicked on it will display a navigation page similar to desktop

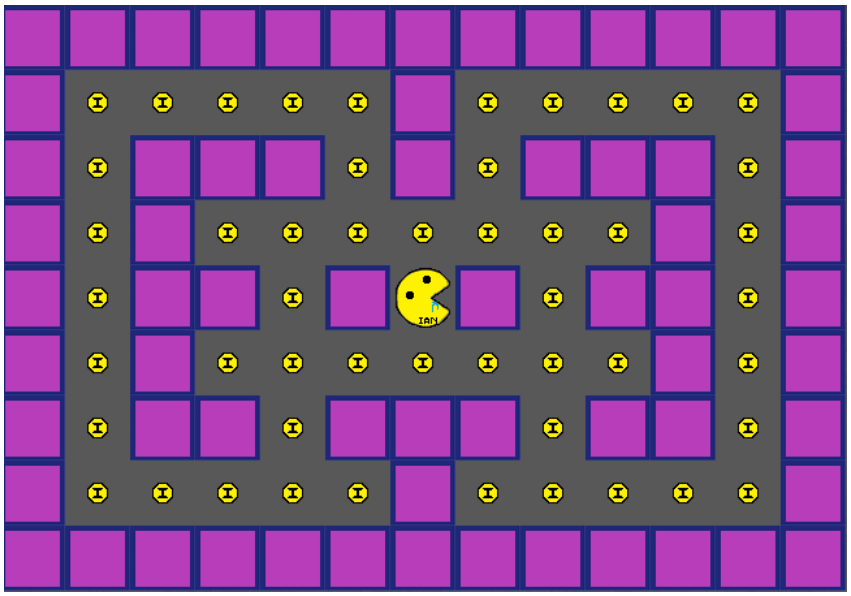


A star rating for the questionnaire

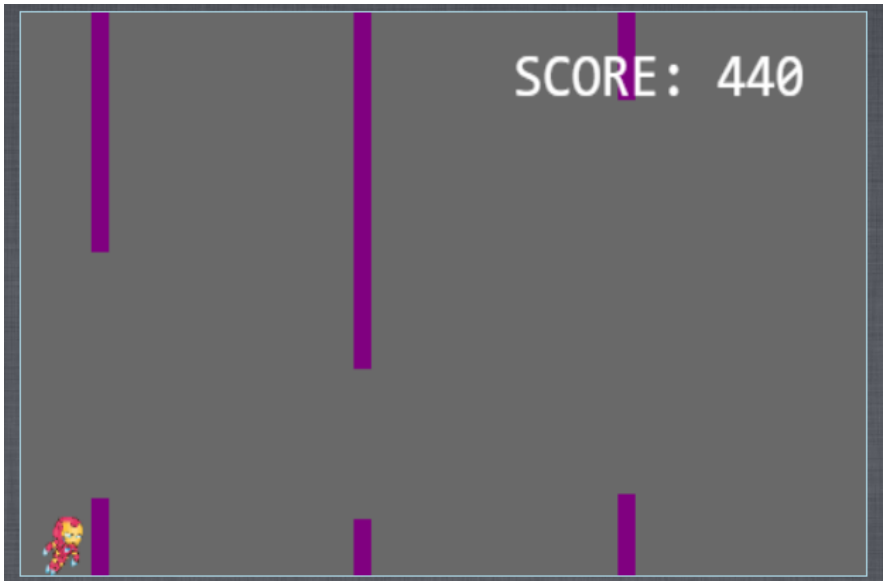


When signing up, the password will compare the two passwords are the same and have parameters on what the password needs.

PacMan , the coins have my initial in them , and so too does pacman , with a weird version of pacman face that I created . This was used using canvas.



Iron flight uses gif of iron man for object, and includes score and randomly generated obstacles.


SCORE: 440