

# **Testing Document**

## **Team 7**

## **Project 3**

### **Team Members:**

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# Acceptance Testing:

<b>Input</b>	<b>Expected</b>	<b>Current Output</b>	<b>Comments</b>
(2.2.1) Valid Username – correct username (guest123) with wrong password	Submitting in login form will result in error message	Error message appears	Passed
(2.2.1) Valid Password – incorrect username with correct password (guest123)	Submitting in login form will result in error message	Error message appears	Passed
(2.2.1) Valid Username and Password – username (guest123) with correct password (guest123)	Submitting in login form will result in entering the guest page	Successfully entered the guest page	Passed
(2.2.2) Welcome page button	Should redirect to login.php page	Redirects to login.php	Passed
(2.2.2) User Section – hover over section buttons	Using the cursor and hovering over each section(database) box and it should display the description of each database.	Townships – shows description Memorials – shows description Buried – shows description Newspaper – shows description Biographies- shows description	Passed – all database section boxes show the description in the middle when the cursor is hovering on the section box
(2.2.2) User Section – usersection.php to township.php	Should redirect to township.php	Redirects to township.php	Passed
(2.2.2) User Section – usersection.php to memorials.php	Should redirect to memorials.php	Redirects to memorials.php	Passed
(2.2.2) User Section – usersection.php to Buried.php	Should redirect to buried.php	Does not currently redirect to buried.php	Failed – need to update the href link to buried.php.

			Update – Passed Now can redirect
(2.2.2) User Section – usersection.php to Newspaper.php	Should redirect to Newspaper.php	Redirects to Newspaper.php	Passed
(2.2.2) User Section – usersection.php to Biographies.php	Should redirect to Biographies.php	Redirects to Biographies.php	Passed
(2.2.2) Admin Section – adminsection.php to township.php	Should redirect to township.php	Redirects to township.php	Passed
(2.2.2) Admin Section – adminsection.php to memorials.php	Should redirect to memorial.php	Redirects to memorial.php	Passed
(2.2.2) Admin Section – adminsection.php to buried.php	Should redirect to buried.php	Redirects to buried.php	Passed
(2.2.2) Admin Section – adminsection.php to Newspaper.php	Should redirect to Newspaper.php	Redirects to newspaper.php	Passed
(2.2.2) Admin Section – adminsection.php to biographies.php	Should redirect to biographies.php	Redirects to biographies.php	Passed
(2.2.2) Admin Section – adminsection.php to adminpage.php	Should redirect to adminpage.php	Redirects to adminpage.php	passed
(2.2.2) Admin Section – AdminPage.php to AdminManageData base.php	Should redirect to AdminManageData base.php	Redirects to adminmanagedata base.php	Passed
(2.2.2) AdminSection – AdminManageData base.php to	Should redirect to AdminTownship.php	Redirects to AdminTownship.php	Passed

AdminTownship.php			
(2.2.2) AdminSection – AdminManageDataBase.php to AdminMemorial.php	Should redirect to AdminMemorial.php	Redirects to AdminMemorial.php	Passed
(2.2.2) AdminSection – AdminManageDataBase.php to AdminBuried.php	Should redirect to AdminBuried.php	Redirects to AdminBuried.php	Passed
(2.2.2) AdminSection – AdminManageDataBase.php to AdminNewspaper.php	Should redirect to AdminNewspaper.php	Redirects to AdminNewspaper.php	Passed
(2.2.2) AdminSection – AdminManageDataBase.php to AdminBiographies.php	Should redirect to AdminBiographies.php	Redirects to AdminBiographies.php	Passed
(2.2.3) Admin edits a record – edit record in database	Should edit the record successfully	Edits the record successfully	Passed
(2.2.3) Admin delete a record – delete record in database	Should delete the record successfully	Deletes the record successfully	Passed
(2.2.3) Admin creates a record – create new record in database	New record should appear in database	New record appears in database	Passed
(2.2.4) Search Functionality - surname field	Site should display all records with matching data in surname field	Matching data in surname field is displayed	Passed

(2.2.4) Search Functionality – Forename field	Site should display all records with matching data in forename field	Matching data in forename field is displayed	Passed
(2.2.4) Search Functionality – Regiment field	Site should display all records with matching data in regiment field	Matching data in regiment field is displayed	Passed
(2.2.5) Forms for data entry – Admin Create record	Form should appear which allows input	Form appears in middle of screen and is clear	Passed
(2.2.5) Forms for data entry – Admin Edit record	Form should appear which allows input to modify table	Form appears in middle of screen and is clear	Passed
(2.2.6) Password Security for user login	Logging in requires a username and password, passwords should be encrypted and stored	Databases cannot be access without logging in, passwords are encrypted before being stored	Passed
(2.2.6) Admin can view User table	User table should be shown in manage users section for admin	User table is shown and all records and fields are visible	Passed
(2.2.6) Admin can edit User table records	User record should be modified and saved	User table is updated and record has been modified	Passed
(2.2.6) Admin can create user table records	Admin should create record which appears in database	Record appears in database and is displayed instantly	Passed
(2.2.6) Admin can Delete user table records	Record should disappear from database and page	Record is removed from database and webpage	Passed

# PHP testing for Admin: Edit, Delete and Create:

## Create Record: all fields filled with text

×

### Create New Record

Surname:

Smith

Forename:

John

Regiment:

Navy

Service No:

12345

Biography Link:

none

Create Record

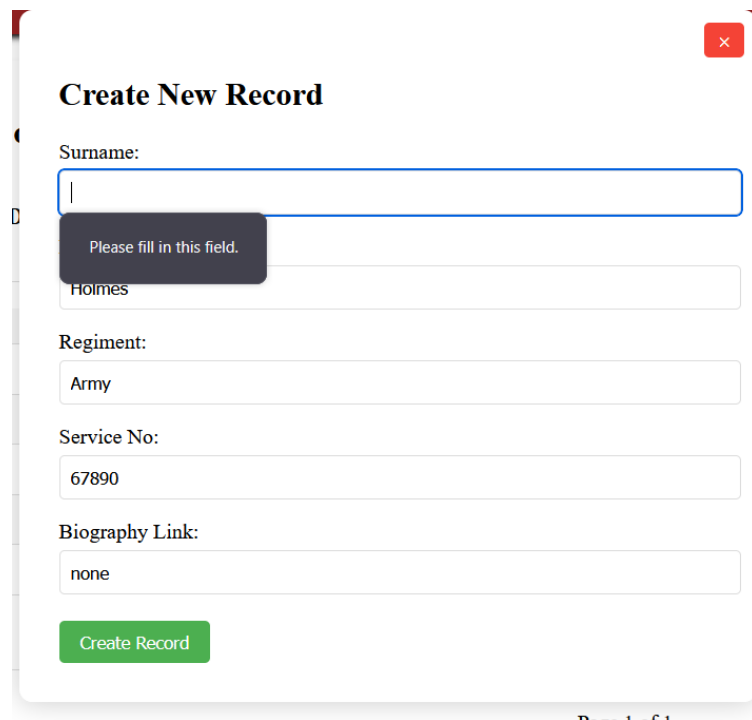
When all fields are filled, pressing create record will import these values into a new record in the database. For this test, we have specifically done this in the biographies admin page however all our create, edit and delete code is the same for all 5 databases, the only difference is that the column names are different. – (same edit, create and delete forms in all 5 databases).

<div><div></div><div></div></div>		▼ BiographyID	Surname	Forename	Regiment	Service No	Biography
<input type="checkbox"/>	<div><div><div></div></div><div>Edit</div><div><div></div><div></div><div></div></div><div>Copy</div><div><div></div><div></div><div></div></div><div>Delete</div></div>	1	Allan-Black	Hugh McAllister	Royal Fusiliers	77570bd5	../files/biographies/Allan Black Pte Hugh McAllist...
<input type="checkbox"/>	<div><div><div></div></div><div>Edit</div><div><div></div><div></div><div></div></div><div>Copy</div><div><div></div><div></div><div></div></div><div>Delete</div></div>	2	Griffiths	Alfred	Army Service Corps	M2/113717	../files/biographies/Griffiths Pte Alfred.pdf
<input type="checkbox"/>	<div><div><div></div></div><div>Edit</div><div><div></div><div></div><div></div></div><div>Copy</div><div><div></div><div></div><div></div></div><div>Delete</div></div>	3	Loben	John William	West Yorkshire Regiment	45034	../files/biographies/Loben Pte John William 16th W...
<input type="checkbox"/>	<div><div><div></div></div><div>Edit</div><div><div></div><div></div><div></div></div><div>Copy</div><div><div></div><div></div><div></div></div><div>Delete</div></div>	4	Griffiths	Frank	Royal Navy	347550	../files/biographies/Griffiths Frank.pdf
<input type="checkbox"/>	<div><div><div></div></div><div>Edit</div><div><div></div><div></div><div></div></div><div>Copy</div><div><div></div><div></div><div></div></div><div>Delete</div></div>	5	Smith	John	Navy	12345	none

Surname	Forename	Regiment	Service No	Biography	Actions
Allan-Black	Hugh McAllister	Royal Fusiliers	77570bd5	<a href="#">View</a>	<a href="#">Edit</a> <a href="#">Delete</a>
Griffiths	Alfred	Army Service Corps	M2/113717	<a href="#">View</a>	<a href="#">Edit</a> <a href="#">Delete</a>
Loben	John William	West Yorkshire Regiment	45034	<a href="#">View</a>	<a href="#">Edit</a> <a href="#">Delete</a>
Griffiths	Frank	Royal Navy	347550	<a href="#">View</a>	<a href="#">Edit</a> <a href="#">Delete</a>
Smith	John	Navy	12345	<a href="#">View</a>	<a href="#">Edit</a> <a href="#">Delete</a>

We can see that this is updated on the php file and the sql database table is also updated.

## Create record: One field blank



The screenshot shows a web form titled "Create New Record" with a red close button in the top right corner. The form contains five input fields: "Surname:", "Regiment:", "Service No:", and "Biography Link:". The "Surname:" field is empty and has a blue border, with a dark grey tooltip message "Please fill in this field." appearing below it. The "Regiment:" field contains the text "Army". The "Service No:" field contains the text "67890". The "Biography Link:" field contains the text "none". At the bottom of the form is a green button labeled "Create Record".

The webpage won't allow an input with an empty field, preventing an error from occurring when the page attempts to insert into the database.

		BiographyID	Surname	Forename	Regiment	Service No	Biography
<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1	Allan-Black	Hugh McAllister	Royal Fusiliers	77570bd5	../files/biographies/Allan Black Pte Hugh McAllist...
<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	2	Griffiths	Alfred	Army Service Corps	M2/113717	../files/biographies/Griffiths Pte Alfred.pdf
<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	3	Loben	John William	West Yorkshire Regiment	45034	../files/biographies/Loben Pte John William 16th W...
<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	4	Griffiths	Frank	Royal Navy	347550	../files/biographies/Griffiths Frank.pdf
<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	5	Smith	John	Navy	12345	none

We can see that the incomplete record hasn't been added to the database.

Edit record: All fields filled in-



Edit Record

Surname:

Smithson

Forename:

John

Regiment:

Navy

Service No:

12345

Biography Link:

none

Update Record

Surname	Forename	Regiment	Service No	Biography	Actions
Allan-Black	Hugh McAllister	Royal Fusiliers	77570bd5	<a href="#">View</a>	<div><div></div><div></div></div>
Griffiths	Alfred	Army Service Corps	M2/113717	<a href="#">View</a>	<div><div></div><div></div></div>
Loben	John William	West Yorkshire Regiment	45034	<a href="#">View</a>	<div><div></div><div></div></div>
Griffiths	Frank	Royal Navy	347550	<a href="#">View</a>	<div><div></div><div></div></div>
Smithson	John	Navy	12345	<a href="#">View</a>	<div><div></div><div></div></div>

BiographyID

Surname

Forename

Regiment

Service No

Biography

1

Allan-Black

Hugh McAllister

Royal Fusiliers

77570bd5

../files/biographies/Allan Black Pte Hugh McAllist...

2

Griffiths

Alfred

Army Service Corps

M2/113717

../files/biographies/Griffiths Pte Alfred.pdf

3

Loben

John William

West Yorkshire Regiment

45034

../files/biographies/Loben Pte John William 16th W...

4

Griffiths

Frank

Royal Navy

347550

../files/biographies/Griffiths Frank.pdf

5

Smithson

John

Navy

12345

none

Editing the record will update the field in the database



## Edit record: One field blank –

×

### Edit Record

Surname:

Forename:

Regiment:

Please fill in this field.

Biography Link:

Update Record

Page 1 of 1

FT →		▼ BiographyID	Surname	Forename	Regiment	Service No	Biography
<input type="checkbox"/>	Edit  Copy  Delete	1	Allan-Black	Hugh McAllister	Royal Fusiliers	77570bd5	../files/biographies/Allan Black Pte Hugh McAllist...
<input type="checkbox"/>	Edit  Copy  Delete	2	Griffiths	Alfred	Army Service Corps	M2/113717	../files/biographies/Griffiths Pte Alfred.pdf
<input type="checkbox"/>	Edit  Copy  Delete	3	Loben	John William	West Yorkshire Regiment	45034	../files/biographies/Loben Pte John William 16th W...
<input type="checkbox"/>	Edit  Copy  Delete	4	Griffiths	Frank	Royal Navy	347550	../files/biographies/Griffiths Frank.pdf
<input type="checkbox"/>	Edit  Copy  Delete	5	Smithson	John	Navy	12345	none

The same with creating a record, the page doesn't allow incomplete inputs, and the database does not update the values.

## Deleting records –

Deleting record 5

Display

×

Confirm Deletion

Are you sure you want to delete this record? This action cannot be undone.

Cancel

Delete

Surname	Forename	Regiment	Service No	Biography	Actions
Allan-Black	Hugh McAllister	Royal Fusiliers	77570bd5	<a href="#">View</a>	<div><div>E</div><div>D</div></div>
Griffiths	Alfred	Army Service Corps	M2/113717	<a href="#">View</a>	<div><div>E</div><div>D</div></div>
Loben	John William	West Yorkshire Regiment	45034	<a href="#">View</a>	<div><div>E</div><div>D</div></div>
Griffiths	Frank	Royal Navy	347550	<a href="#">View</a>	<div><div>E</div><div>D</div></div>

Extra options

		BiographyID	Surname	Forename	Regiment	Service No	Biography
<input type="checkbox"/>	Edit  Copy  Delete	1	Allan-Black	Hugh McAllister	Royal Fusiliers	77570bd5	../files/biographies/Allan Black Pte Hugh McAllist...
<input type="checkbox"/>	Edit  Copy  Delete	2	Griffiths	Alfred	Army Service Corps	M2/113717	../files/biographies/Griffiths Pte Alfred.pdf
<input type="checkbox"/>	Edit  Copy  Delete	3	Loben	John William	West Yorkshire Regiment	45034	../files/biographies/Loben Pte John William 16th W...
<input type="checkbox"/>	Edit  Copy  Delete	4	Griffiths	Frank	Royal Navy	347550	../files/biographies/Griffiths Frank.pdf

Pressing the delete button on the confirmation screen will successfully remove the record from the database.

## Deleting record: Cancelling deletion

Deleting record 4 and cancelling

Display

×

Confirm Deletion

Are you sure you want to delete this record? This action cannot be undone.

Cancel

Delete

Surname	Forename	Regiment	Service No	Biography	Actions
Allan-Black	Hugh McAllister	Royal Fusiliers	77570bd5	<a href="#">View</a>	<a href="#">Edit</a> <a href="#">Delete</a>
Griffiths	Alfred	Army Service Corps	M2/113717	<a href="#">View</a>	<a href="#">Edit</a> <a href="#">Delete</a>
Loben	John William	West Yorkshire Regiment	45034	<a href="#">View</a>	<a href="#">Edit</a> <a href="#">Delete</a>
Griffiths	Frank	Royal Navy	347550	<a href="#">View</a>	<a href="#">Edit</a> <a href="#">Delete</a>

	BiographyID	Surname	Forename	Regiment	Service No	Biography
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1	Allan-Black	Hugh McAllister	Royal Fusiliers	77570bd5	../files/biographies/Allan Black Pte Hugh McAllist...
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	2	Griffiths	Alfred	Army Service Corps	M2/113717	../files/biographies/Griffiths Pte Alfred.pdf
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	3	Loben	John William	West Yorkshire Regiment	45034	../files/biographies/Loben Pte John William 16th W...
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	4	Griffiths	Frank	Royal Navy	347550	../files/biographies/Griffiths Frank.pdf

Pressing the cancel button ensures that the selected data is not deleted, and it remains in the database

## Creating/Editing Database – Date Column

Shipleigh

Regiment:

Army Medical Corps

Unit:

Not recorded

Article Description:

Awarded MM

Newspaper Name:

Bradford Daily Argus

Paper Date:

07 / 06 / 1916

Page/Col:

P3 C4

Photo incl.:

No

Update Record

June 1916

Mon

Tue

Wed

Thu

Fri

Sat

Sun

29

30

31

1

2

3

4

5

6

7

8

9

10

11

12

13

14

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16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

1

2

3

4

5

6

7

8

9

Clear

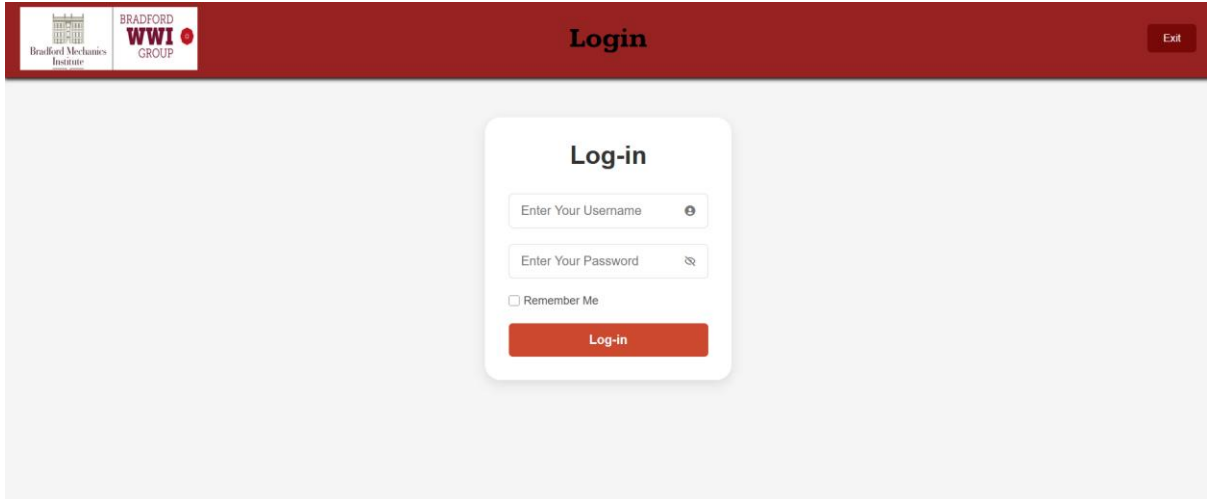
07 / 06 / 1916

When editing or creating a record with a date column, the page ensures that only data in date format can be entered.

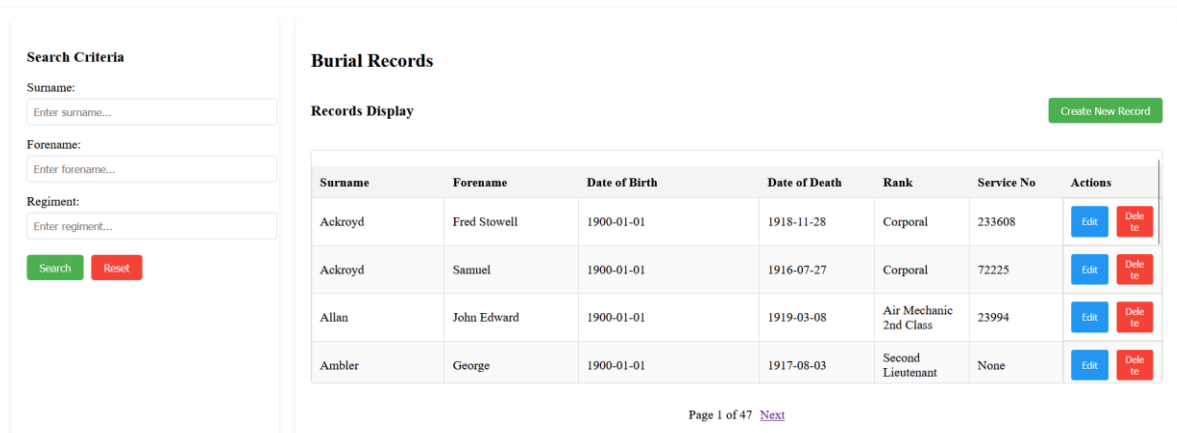
This is because in SQL, although all the columns have the data type: varchar, the 'Paper Date' has the data type of Date, therefore it is properly formatted and stored as yyyy/mm/dd within the database. When creating and editing the a record, letters do not work and will not be inputted, just numbers and the there is a button on the far right of the field, which opens a calendar to input dates more easily.

## Block users from accessing Admin pages without logging in:

Admin\_auth\_check.php is being used with the login.php file so that when clicking on any of the admin files from the admin folder redirects you back to the login page until you login as a admin.



AdminBurials.php redirects back to the login.php file until you login with admin credentials.



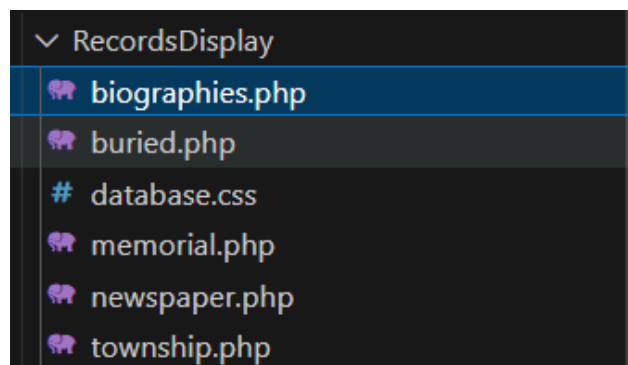
Surname	Forename	Date of Birth	Date of Death	Rank	Service No	Actions
Ackroyd	Fred Stowell	1900-01-01	1918-11-28	Corporal	233608	<a href="#">Edit</a> <a href="#">Delete</a>
Ackroyd	Samuel	1900-01-01	1916-07-27	Corporal	72225	<a href="#">Edit</a> <a href="#">Delete</a>
Allan	John Edward	1900-01-01	1919-03-08	Air Mechanic 2nd Class	23994	<a href="#">Edit</a> <a href="#">Delete</a>
Ambler	George	1900-01-01	1917-08-03	Second Lieutenant	None	<a href="#">Edit</a> <a href="#">Delete</a>

Once logged in, the user can navigate to the AdminBurials.php page.

## Code Inspection:

For code inspection, we have divided the code into groups where css and php files are continuously used throughout our project. The 5 user section pages are very similar therefore we have used the same php layout for all of them, where the guest can view the records. Additionally, the css file used is all the same and it is in a folder called 'global' which are necessary files that are used for multiple files. This also applies to the admin section because after logging in, although the admin section file is different because of the extra button to access the admin page, once clicking one of the database boxes, you are redirected to the same database section pages as the user.

E.g: Biographies.php is used for both admin and user to view.



The search functionality is the same for all database sections: Surname, forename and regiment is a column in all database tables. This makes the search much simpler for the end user and for implementation as well because the same code will be used for all database pages. In regard to the admin pages, when managing the database records for each table, the columns shown are also very similar to the search functionality where there is always: surname, forename and regiment shown to make finding and editing records much easier. However, there may be extra columns shown for that specific database such as for the memorials table, the memorials column is shown, or for the newspapers table, the 'Paper Date' column is shown.

### Search Criteria

Surname:

Forename:

Regiment:

Surname	Forename	Rank	Paper Date
Abbertson	W	Private	1916-06-07
Abbott	Harry	Sergeant	1916-08-16

For comments, in our code we have tried to add comments for each functionality especially the pieces of code that is repeated such as the search functionality. There is a brief comment about each section of code for other group members to read during editing or reviewing.

```
//Access database
$hostname= "localhost";
$username="root";
$dbname = "ww1_db";
$password= "";

// Create connection
$mysqli = new mysqli($hostname, $username, $password, $dbname);

// Check connection
if($mysqli->connect_errno){
    die("ERROR: Could not connect. " . $mysqli->connect_error);
}

return $mysqli;
?>
```

## **Peer Review –**

*Jawad* – Worked on frontend using HTML and CSS for creating the database pages, worked on frontend login page. Implemented the functionality for the admin pages (php, css,) as well as the frontend design for admin. (managed the admin section) and worked on testing documentation (acceptance and php testing). (10)

*Yousaf* – Managed all database operations with SQL queries such as creating and modifying tables, inserting data and editing records. Worked on newspaper.php page, user manual and testing document. Became team secretary in Week 7 and worked on team minutes. (9)

*Andrew* – Worked on frontend for welcome page (PHP, CSS), was team secretary and worked on team minutes until Week 7. Worked on Buried.php page, user manual and assisted with testing document. (8)

*Tawseef – Team Leader* – Assigned all tasks to team members, worked on most of the PHP pages as well as fronted HTML and CSS styling for most sections. Worked with Jawad to amend final functionality with Admin Section PHP pages and database connection. Also handled communication with the client. (10)

*Wanqi* – Worked closely with Zehao on back-end mainly with Admin Section pages. Worked on connections between pages as well as connections between PHP files and the database. Amended final admin functionalities with Jawad. Worked on some CSS and PHP for the frontend of admin sections. (8)

*Zehao* – Worked closely with Wanqi on back-end mainly with Admin Section pages. Worked on connections between pages as well as connections between PHP files and the database. Worked on some CSS and PHP for the frontend of admin sections. (8)

*Mackenzie* – Worked on JavaScript for the webpage's for the User Sections, ensuring consistent and functional animations and interactions. Also made improvements to User Section pages in PHP and CSS and worked on Biographies.php. (8)

## **GitHub Link:**

[tawseef03/WW1-Memorial-Database](https://github.com/tawseef03/WW1-Memorial-Database)