



BetterBook

Group 39: Social Network

Register/Login



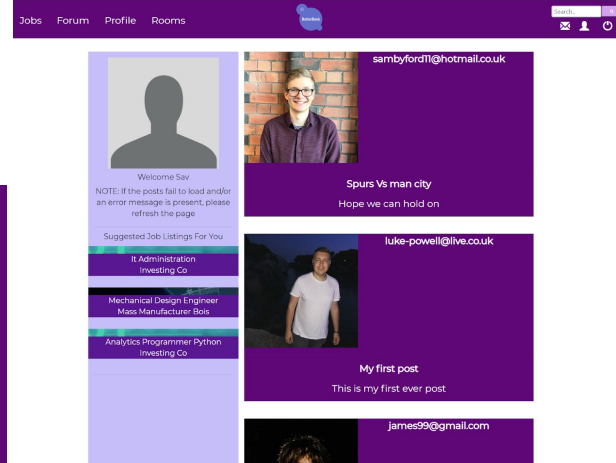
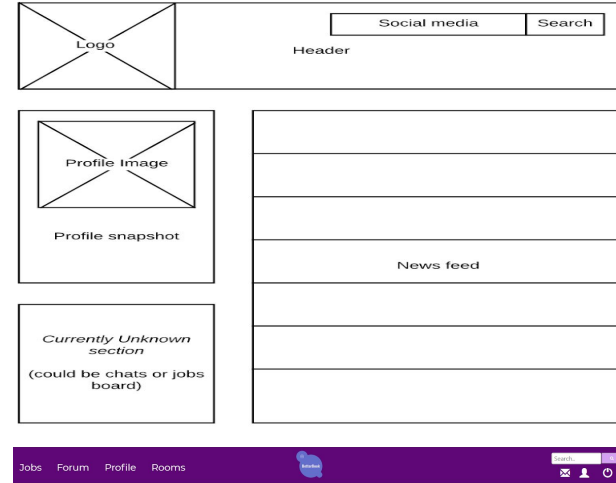
- Similar approach - uses a form consisting of textboxes and a submit button
- Takes in the textboxes and will check against users if applicable, if none found will register with encryption on the passwords.
- If user found, create session variable and login. Redirect to home page
- Uses OOP PHP approach.

Home Page

1. Colour Scheme - *Why Purple?*

2. Design - *Main Elements*

3. Html & CSS



Home Page logic and Db connection

```
1. <?php
2
3 $dbServername="localhost";
4 $dbUsername="id8787309_betterbook_root"; // root
5 $dbPassword="2019Betterbook!"; // null
6 $dbName="id8787309_betterbook_db"; // group_project
7 $conn = mysqli_connect($dbServername, $dbUsername, $dbPassword, $dbName);
8
```

I used functions which had previously been written for the Jobs page.

1. Database table connection

2. Use class to create objects for each post

3. Create a list of post objects

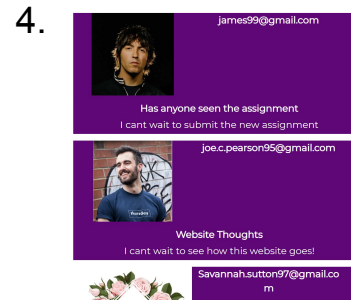
4. Return the most recent 100 posts in the list

5. Jobs returns 3 randomly selected jobs

```
3. $posts_array = array();
   if($resultCheck > 0){
       while($row = mysqli_fetch_assoc($result)){
           $next_post = new post();
           $next_post->set_post_author($row['post_author']);
           $next_post->set_post_title($row['post_title']);
           $next_post->set_post_text($row['post_text']);
           $next_post->set_post_date($row['post_date']);
           $next_post->set_post_edit_date($row['edit_date']);

           array_push($posts_array, $next_post);
       }
   }
```

```
2. /public_html/post_objects.php
4
5 $result = mysqli_query($conn, $sql);
6 $resultCheck = mysqli_num_rows($result);
7
8 class post{
9     var $post_author;
10    var $post_text;
11    var $post_title;
12    var $post_date;
13    var $post_edit_date;
14
15    function get_post_author(){
16        return $this->post_author;
17    }
18    function get_post_text(){
19        return $this->post_text;
20    }
21    function get_post_title(){
22        return $this->post_title;
23    }
24    function get_post_date(){
25        return $this->post_date;
26    }
27    function get_post_edit_date(){
28        return $this->post_edit_date;
29    }
}
```



Header



- Quick tabs
 - Links to other pages on the site are easy to find and use
- Icons
 - Icons allow further navigation to profile page and provide ability to log out
- Logo
 - Acts as home button
- Mobile adaptability
 - Fully responsive and changes to varying screen sizes
- Search Bar navigation
 - Can search for other users profiles

Mobile



- Nearly every page has a mobile version
- Use of javascript to hide elements and make some appear
- Make sure user is not having to squint to see text, and elements do not merge with one another making them unusable



Search..

Welcome Sam

luke.powell@live.co.uk

Hello All

Hello! how is everyone?

Suggested Job Listings For you

Electrical Engineer
Electric Co

Software Developer C++
Data Software Co

Chemical Engineer
Research Chemical Co

TomSmith@gmail.com

I have a twin

Does anyone think Sam looks quite like me?

James99@gmail.com

Lecture

I like my lecture: He is very funny

sambyford11@hotmail.co.uk

Hello BetterBook



Search..

Welcome Sam

NOTE: If the posts fail to load and/or an error message is present, please refresh the page

Suggested Job Listings For You

Mechanical Engineer
The Engineering Co

Chemical Engineer
The Pharmsutical Co

sambyford11@hotmail.co.uk

Spurs Vs man city

Hope we can hold on

luke-powell@live.co.uk

My first post

This is my first ever post

James99@gmail.com

Has anyone seen the assignment

Home

Jobs

Forum

Rooms

Profile

Logout

gabbydg@hotmail.com

Almost There

As if 2nd year is almost over!
Its gone so fast

sambyford11@hotmail.co.uk

Hello.

Profile Development

Create Post 😊

Update Your Profile Picture 😊

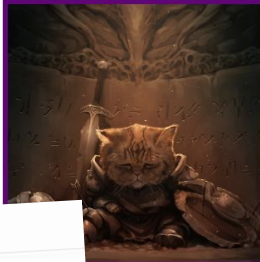
Choose file No file chosen
Submit 🖋

Write a cool title!

Write something magical!

Post 📌

Gabriella Di Gregorio



About Me

Activity Feed

Create Post 🖋

Update Your Bio 😊

I love Cats!

Edit 🖋

Bio 🖋

I love Cats!

About me

Hi, my name is Gabriella Di Gregorio
I study Computer Science at University of Lincoln
My email address is gabbydg@hotmail.com

Test

This is a test post
Post created on - 2019-05-01 12:46:59

Almost There

As if 2nd year is almost over! Its gone so fast
Post created on - 2019-05-01 12:49:42

Profile Design



- Similar to the general functionality and layout as popular social media sites, but with an education-focused twist
- Automatic banner image is assigned when attended University is selected, this keeps profiles relevant and professional
- Flexibility to add personal touches such as profile image and bio
- Two major sections: About Me & Activity Feed
- Activity Feed is informal and works similarly to posting or status updates on popular social media, this feed links to the homepage
- About Me can act as a CV on which students can write about their achievements to appeal to potential employers, this can be useful in conjunction with the Jobs Board
- The logged-in view of your profile allows you to edit these sections, and you can also search for other students' profiles to connect with more people on your course or at your university

Messaging



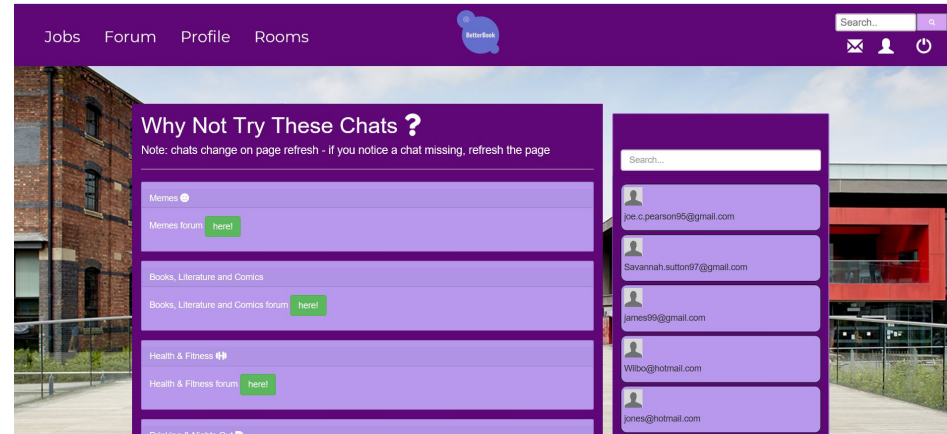
- The messaging system works basically the same for private as it does public and it is based around the user/chat room selected.
- Forum Room chats randomly selected but would be changed to 'daily'.

Forum Page

The forum page includes both private and public chat rooms in one page.

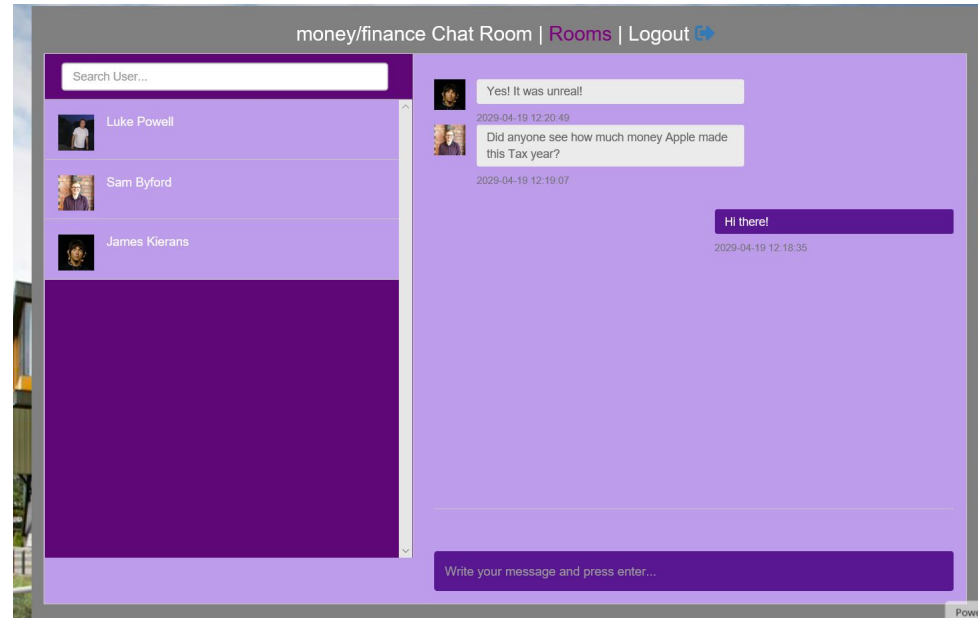
The front end was developed ensuring everything fitted in with the house style of the website and that the page was fully functional and mobile friendly

Initially, both chat rooms are displayed upon the same page. To the left-hand side is a list of randomly generated topics and to the right-hand side is a list of users available to privately message.



Forum Page

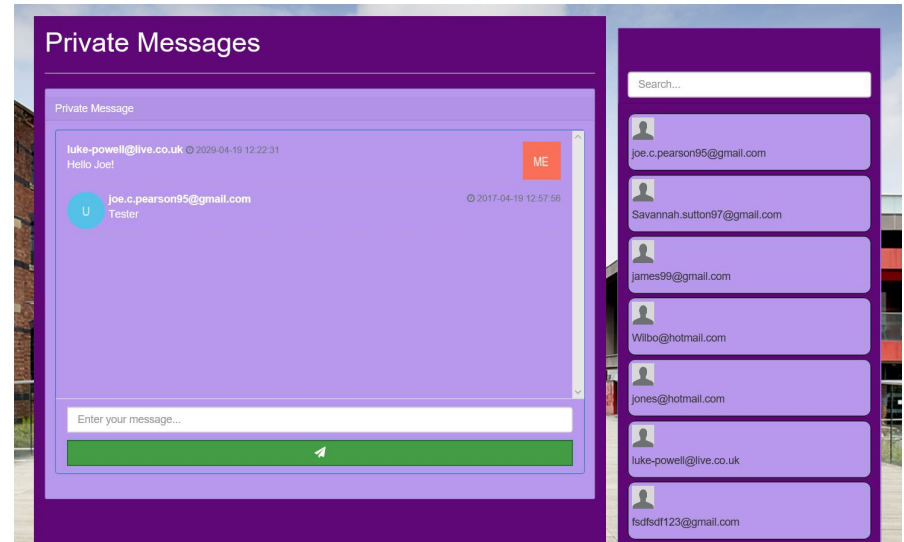
When one of the public topics is clicked, you are taken to a chat room where multiple users can communicate about that topic. When you have finished, and you return to the forum page, the public topics are randomly generated so therefore a new selection will be shown.



Forum Page

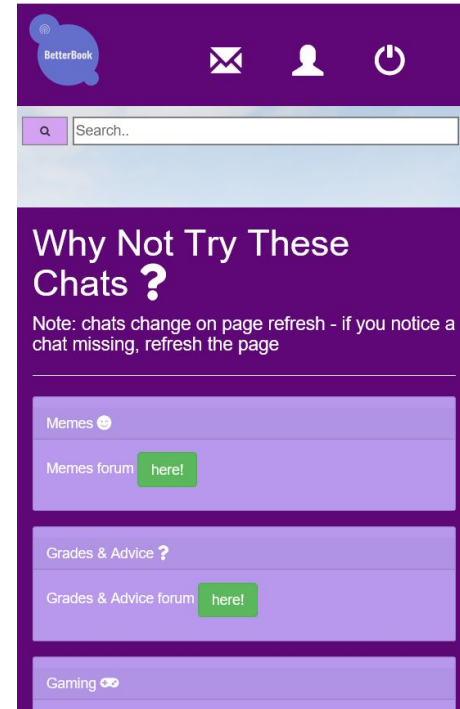
On the main forum page, as stated before, all available users are displayed down the right-hand side and can be searched for.

If one of these users is clicked, then you will be taken to a private chat room where you can message to specific user one on one. To close the chat with the user, click on their username on the right-hand side again and you will be returned to the forums page.



Forum Page

The forum page and the chats are mobile friendly. This means that when the size of the screen is reduced, the content changes size and position so that it is still functional and all content is still clearly visible.



Rooms Page



Similarly to the public forums section on the forums page, there is a rooms page.

The rooms page contains three public course chats.

These chats work in the same way as the other forum chats.

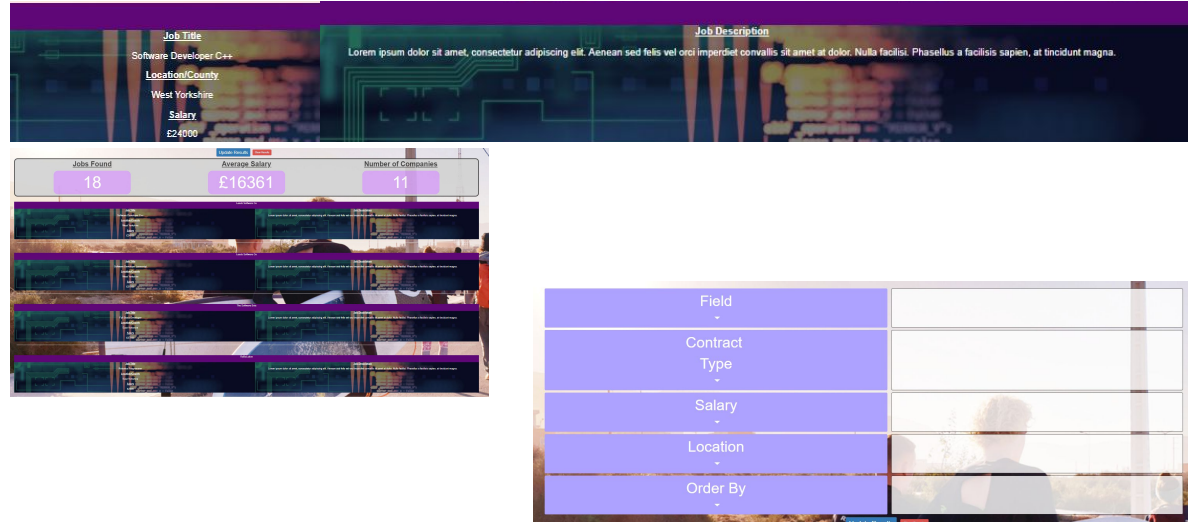
When you click to enter one of the chats, a messaging system is opened where multiple users can communicate with each other.

The page is fully functional and is mobile friendly meaning that the content changes size and position when used on a smaller device so that it is still fully functional.



Jobs page backend

1. Connect to database
2. Return list of job objects to screen
3. User can then request filters to be added to the list so that only desired jobs are shown
4. Ajax is has been used to remove the need to reload the page in order to update the results.



```
var orderBy = document.getElementById( 'orderBy' ).value;
var xhttp;
console.log("function was called");
$.ajax({
  url: 'jobs_filtering.php', //This is the current doc
  type: "POST",
  data: ({field: field, type:type, salary:salary, location:location, orderBy:orderBy}),
  success: function(data){
    var filtered_jobs = JSON.parse(data);
    console.log("filtering successful");
```


Jobs - Design

- Hover effects
- Contrasting colours
- Spacing
- Background image
- Adaptability to both small AND large screens

The screenshot displays a web application for job searching. The header is purple with navigation links: Jobs, Forum, Profile, and Rooms. A search bar is on the right. The main content area has a background image of a person holding a surfboard. It features a filter section with dropdown menus for Field, Contract Type, Salary, Location, and Order By. Below these are 'Update Results' and 'Clear Results' buttons. A summary table shows 18 jobs found, an average salary of £16361, and 11 companies. A job listing for Leeds Software Co is shown below, with details for a Software Developer C++ position in West Yorkshire, earning £24000. The job description is placeholder text.

Jobs Found	Average Salary	Number of Companies
18	£16361	11

Job Title	Job Description
Software Developer C++ Location/County: West Yorkshire Salary: £24000	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean sed felis vel orci imperdiet convallis sit amet at dolor. Nulla facilisi. Phasellus a facilisis sapien, at tincidunt magna.

Demo

- We will now demonstrate the sites features
- The hosting sites we are using are not great
 - Sometimes fail to correctly load resources
 - We simply need to refresh the page if this occurs
 - Note has been provided on the home page to inform the user of this



Welcome Sam

NOTE: If the posts fail to load and/or an error message is present, please refresh the page

Suggested Job Listings For You

Notice: Undefined offset: 18 in
/storage/ssd2/309/8787309/public_html/home_page.php
on line 83

Fatal error: Uncaught Error: Call to a member function
getId() on null in
/storage/ssd2/309/8787309/public_html/home_page.php:86
Stack trace: #0 {main} thrown in
/storage/ssd2/309/8787309/public_html/home_page.php
on line 86