

CSC 4330: Second Scrum

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Group F

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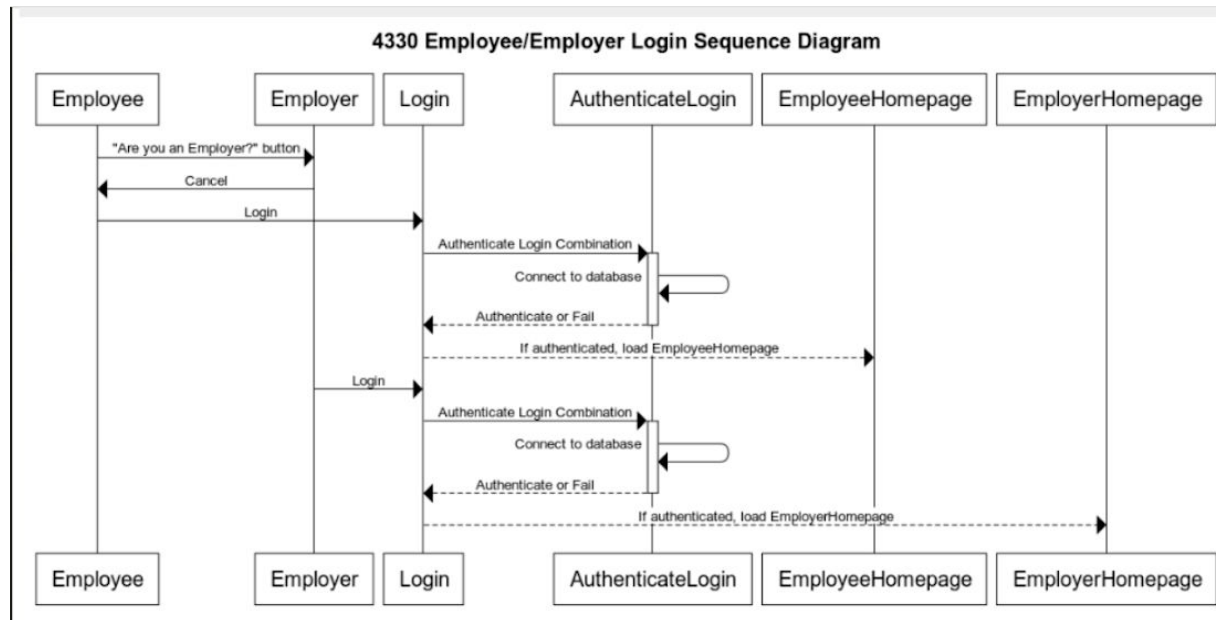
Sprint Requirements

- Start search feature
- Prototype database, dashboard of jobs/applicants
- Main page that links employee and employer sign in pages.
- Designs for home, profile, and search pages
- Starting user profile

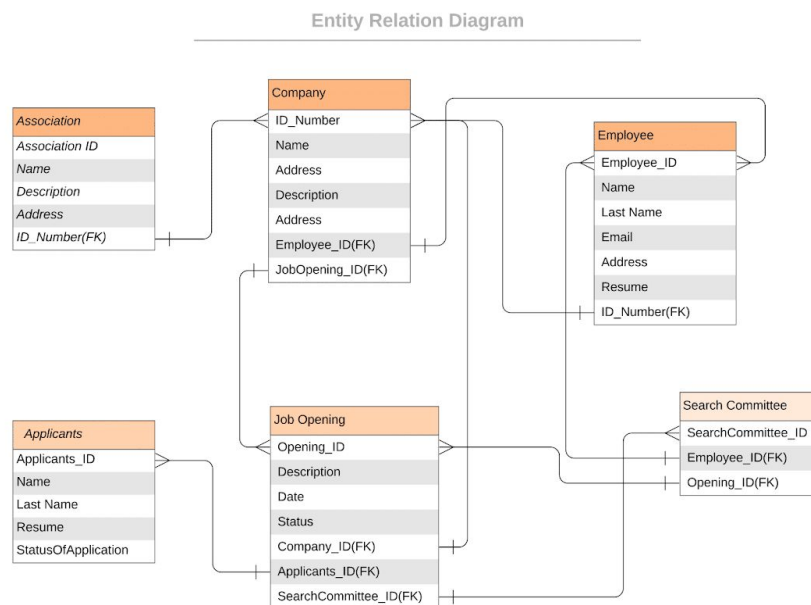
Use Cases, Sequence Diagrams, and Class Diagrams

- Users are prompted to login then they are prompted to input their user ID number and password.
- Users can select if they are an employer then they will be prompted to input their user ID number and password
- Applicants will fill out a form where their personal information is included
- Under an “explore” tab system will display applications listed by relevancy and recency. Only available positions will be displayed.
- Employers can create a position by selecting “create position” in the interface. There the employer can input a title, description, salary, location, and education requirement. The employer can also select a due date and tags that reflect the area the position belongs to.
- Through the “positions” tab, the employer can look at the positions published. When an employer selects a position, the applications submitted for that position will be displayed.
- Employers can click on application to view the application submitted. There they can view personal information of the applicant, the applicant’s resume, add comments, and rate the applicant. Employers can also add an interview time for the applicant and view the status of the application, for example a tag that indicates the applicant is on their second interview of the process.

Login page sequence diagram:



Entity Relationship Diagram (*database*):



Responsibility Table *includes next sprint deliverables*

Name	Responsibility	Next Sprint (April 1st)
Benjamin Alterman	Search (JavaScript/PHP and HTML) and diagrams	Get a functional search that connects to database. Match visual style of application.
Tyler Gallegos	Database (MYSQL) and diagrams	Complete code for non-manual database modifications
Chase Lapprime	Sign in page (PHP and JavaScript) and diagrams	Completely flesh out employer and employee logins, granting different permissions upon logging in based on role
Pravina Pidikiti	Overall UI design and home page (JavaScript) and diagrams	Design interfaces for job searching and other features
Emilia Garcia-Saravia	Profile pages (JavaScript and PHP)	Create specific employer/employee profile features

Sprint Review

This sprint has served to present how much we got done in the time given. During this sprint our team accomplished creating a basic search feature, completed a prototype of the database, a version of our sign in page, test cases for redirecting the right profiles to their designated pages. designs for visualizing our application, and starting requirements for an user profile. For our next sprint our team needs to extend this search feature that uses the information given in the database and that incorporates the visual style of our application, create designs for other interfaces of our application, and add employer/employee specific features to user profiles.

Test Cases

Employee Login:

Input boxes for Username & Password should have VFX happen to them when hovered over and selected with the cursor.

Preconditions: None

Assumptions: Navigation path to employee login page is known

Steps:

1. Navigate to the Employee login page
2. Hover over the input box that corresponds to Username with the cursor
3. Select the same input box with the cursor
4. Repeat steps 3 & 4 for the input box that corresponds to Password

Expected Result: When the input boxes are hovered over, a thin black border should appear around the input boxes. When the input boxes are selected, a thin light blue border should appear around the input boxes.

Actual Result: When the input boxes are hovered over, a thin black border appears around the input boxes. When the input boxes are selected, a thin light blue border appears around the input boxes.

Status (Pass or Fail): Pass

Buttons for Login & Admin should have VFX happen to them only when hovered over.

Preconditions: None

Assumptions: Navigation path to employee login page is known

Steps:

1. Navigate to Employee login page
2. Hover over button that corresponds to Login
3. Hover over button that corresponds to Are you an Employer?

Expected Result: When the buttons are hovered over, they should become slightly opaque as well as a thin black border should appear around the buttons.

Actual Result: When the buttons are hovered over, they become slightly opaque as well as a thin black border appears around the buttons.

Status (Pass or Fail): Pass

Correct combinations of Username & Password for Employees should redirect the Employee to the correct home page

Preconditions: User has already created an account

Assumptions: User already knows correct Username & Password combination

Steps:

1. Navigate to Employee login page
2. Enter username into input box corresponding to Username
3. Enter password into input box corresponding to Password
4. Click the Login button below the Password input box

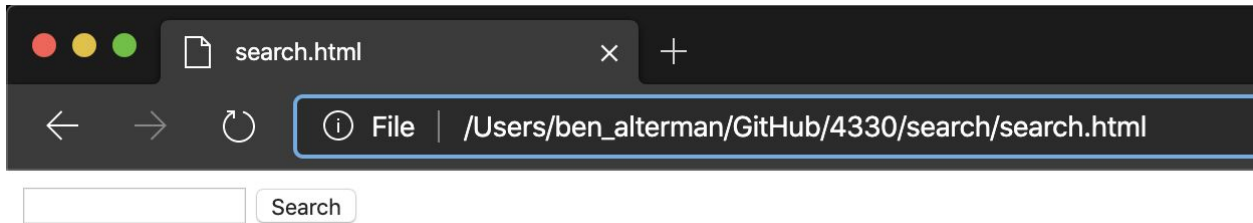
Expected Result: A correct combination of Username & Password should authenticate correctly and direct the user to the home page for Employees

Actual Result: A correct combination of Username & Password authenticates correctly, however it does not direct the user to the home page for Employees

Status (Pass or Fail): Fail

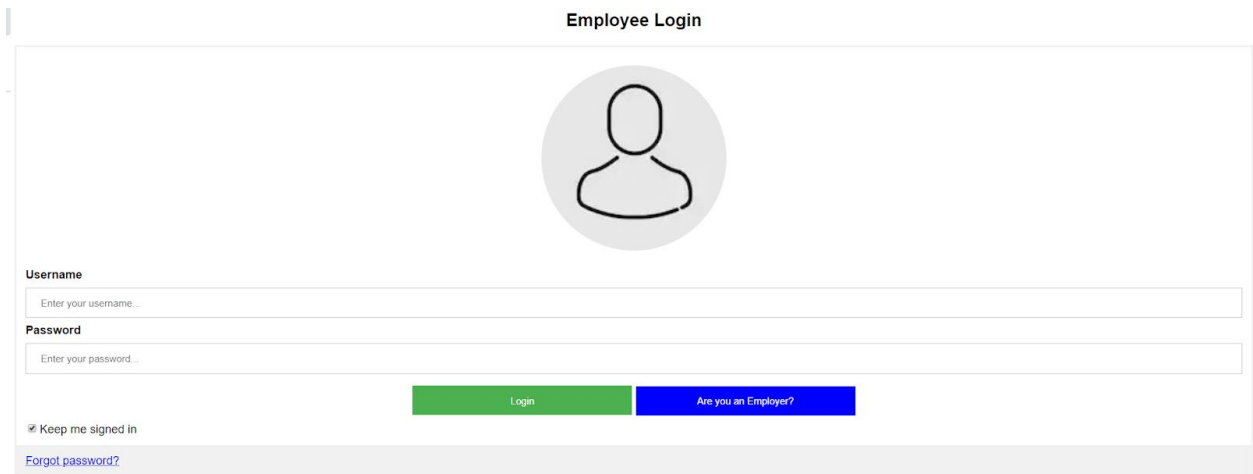
Partial Product

Search:



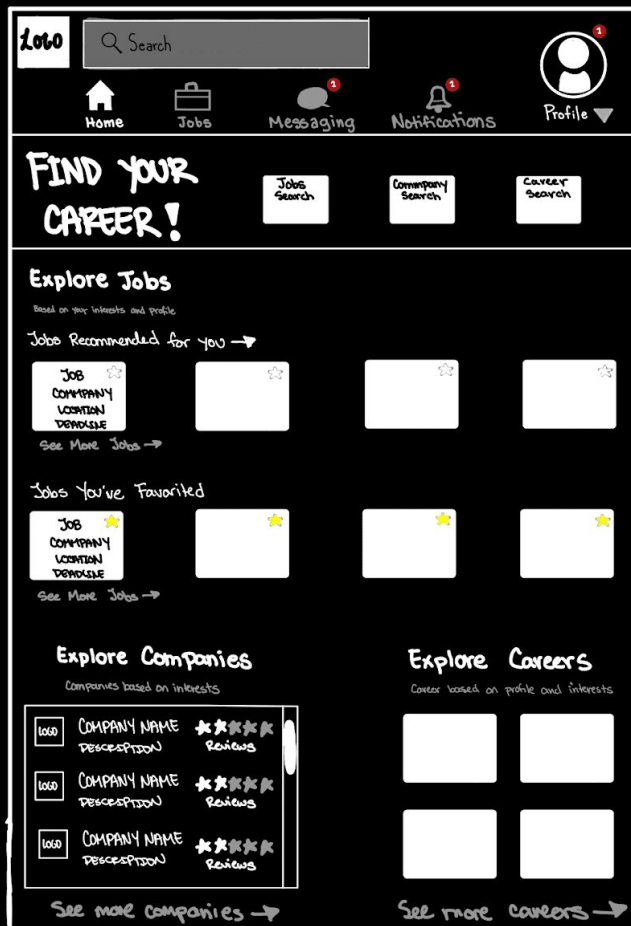
A screenshot of a web browser window. The address bar shows the file path `/Users/ben_alterman/GitHub/4330/search/search.html`. Below the browser, there is a search input field and a "Search" button.

Employee Login:



A screenshot of an "Employee Login" form. The form includes a title "Employee Login", a placeholder profile picture, and input fields for "Username" and "Password". Below the password field are checkboxes for "Keep me signed in" and a "Forgot password?" link. At the bottom, there are two buttons: "Login" (green) and "Are you an Employer?" (blue).

GUI SKETCH → APPLICANT HOME PAGE



GUI SKETCH → EMPLOYER HOME PAGE

The image shows a hand-drawn app design for a job application platform. The design is divided into several sections:

- Top Navigation Bar:** Contains icons for Home, Jobs, Messaging, Notifications, and Profile. The Profile icon has a red notification badge with the number 1.
- FIND YOUR EMPLOYEES!:** A large section with three buttons: "JOB POSTINGS", "POST A JOB", and "APPLICATIONS".
- JOB POSTED:** A section showing a list of job postings. Each job card displays "JOB TITLE" and "APPLICATIONS: #".
- POST A JOB:** A section for posting a new job. It includes fields for "COMPANY", "JOB TITLE", "LOCATION", and "JOB DESCRIPTION". Below these are "SKILLS" (with a "+ ADD SKILL" button) and a "POST" button.
- APPLICATIONS:** A section for viewing applications. It starts with a search bar labeled "Q SEARCH APPLICANT". Below are three application cards, each showing "APPLICANT NAME" and "APPLIED FOR:".


but sketch → SIGN-IN PAGE

Logo

WELCOME TO

"Where Dreams Can Become A Reality"

CREATE ACCOUNT



STUDENT

EMPLOYEE

Username

Password

Sign in

☐ Keep me signed in

[Forgot my Password](#)

[Having Trouble?](#)

Code

Search:

```
<?php
$search_value=$_POST["search"];
$con=new mysqli($servername,$username,$password,$dbname);
if($con->connect_error){
    echo 'Connection Failed: '.$con->connect_error;
}else{
    $sql="select * from information where First_Name like '%$search_value%'";

    $res=$con->query($sql);

    while($row=$res->fetch_assoc()){
        echo 'First_name: '.$row["First_Name"];
    }
}
?>
```

```
<form action="Search" method="post">
    <input type="text" name="search">
    <input type="submit" name="submit" value="Search">
</form>
```

Employee/Employer Log In:

```
1  title 4330 Employee/Employer Login Sequence Diagram
2  participant Employee
3  participant Employer
4  participant Login
5  participant AuthenticateLogin as AL
6  participant EmployeeHomepage as EH
7  participant EmployerHomepage as ErH
8
9  Employee->>Employer: "Are you an Employer?" button
10 Employer->>Employee: Cancel
11 Employee->>Login: Login
12 Login->>+AL: Authenticate Login Combination
13 AL->>AL: Connect to database
14 AL-->>-Login: Authenticate or Fail
15 Login-->>EH: If authenticated, load EmployeeHomepage
16 Employer->>Login: Login
17 Login->>+AL: Authenticate Login Combination
18 AL->>AL: Connect to database
19 AL-->>-Login: Authenticate or Fail
20 Login-->>ErH: If authenticated, load EmployerHomepage
21
22
```