

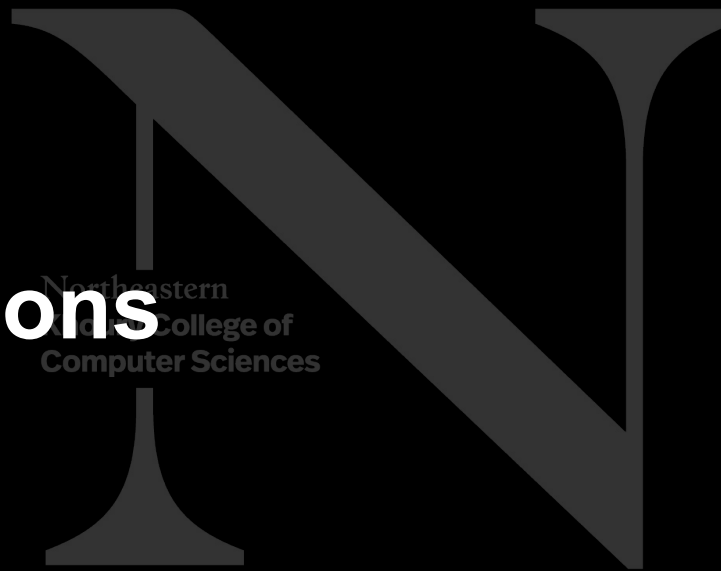
# onBoard

## User Manual and Instructions

**Project 3 Final Conclusion**

Zhuocai Li, Kejian Tong

CS5610 Web Devs Fall 2021, December 12th, 2021



- 1. Basic Instructions**
- 2. Pages**
- 3. Advanced Features**  
**(Extra Credits)**

**NORTHEASTERN .**

# 1. Basic Instructions

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**onBoard** is designed and produced by Zhuocai Li and Kejian Tong, with a React Frontend and a Node.js Server built with Express.js.

The Client Side and the Server Side are separately deployed with two heroku urls:

Client Side:

<https://onboardapp.herokuapp.com>

Server Side:

<https://onboardapi.herokuapp.com>

(If no data are received from the client, you may just enter the server first in your browser to “wake” the server up, since heroku sets up certain sleep time for apps that are long not used or activated)



# 1. Basic Instructions - Git Repo

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**The frontend and backend also been pushed to two different git repo, you may visit them with the following links:**

Client Side:

<https://github.com/CheukTsai/cs5610-project3-app-zhuocaili-kejiantong>

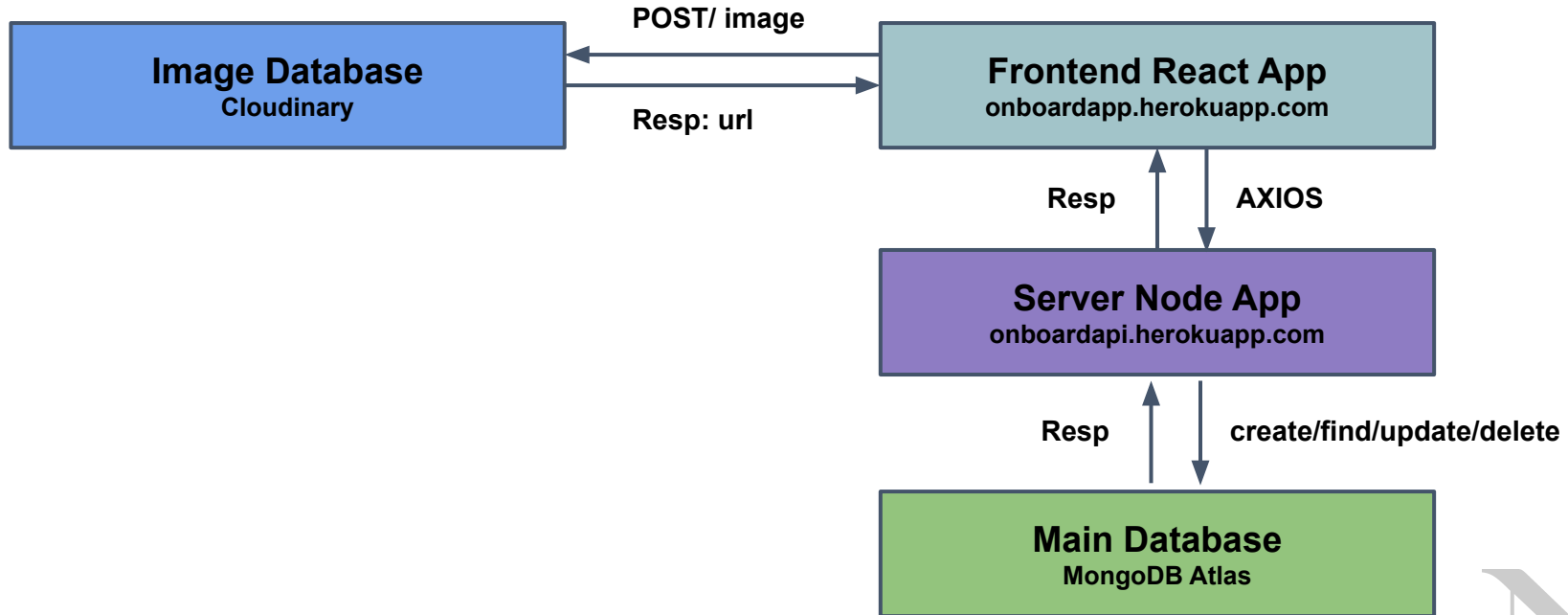
Server Side:

<https://github.com/CheukTsai/cs5610-project3-api-zhuocaili-kejiantong>



# 1. Basic Instructions - Structure

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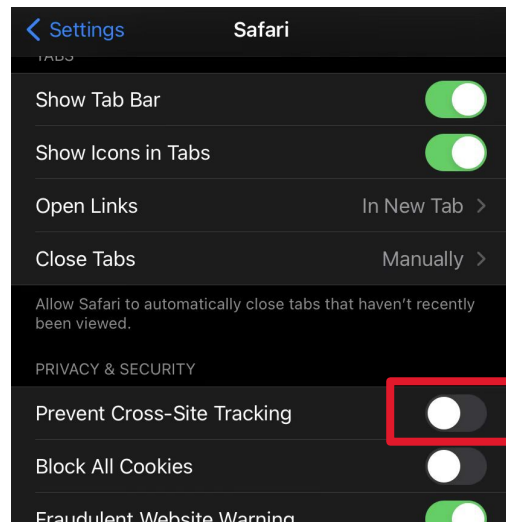
# 1. Basic Instructions - Important!

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If you are using Google Chrome or FireFox, this may be ignored.  
And we suggest you to use **Google Chrome**.

Since the frontend request is sent from our React app to another site (our api app), some browser may prevent you from **cross-site tracking**, causing no data retrieved.

**IOS (iPhone) Safari Solution:**  
Settings -> Safari ->  
turn off **Prevent Cross-Site Tracking**



## 2. Pages - Home Page

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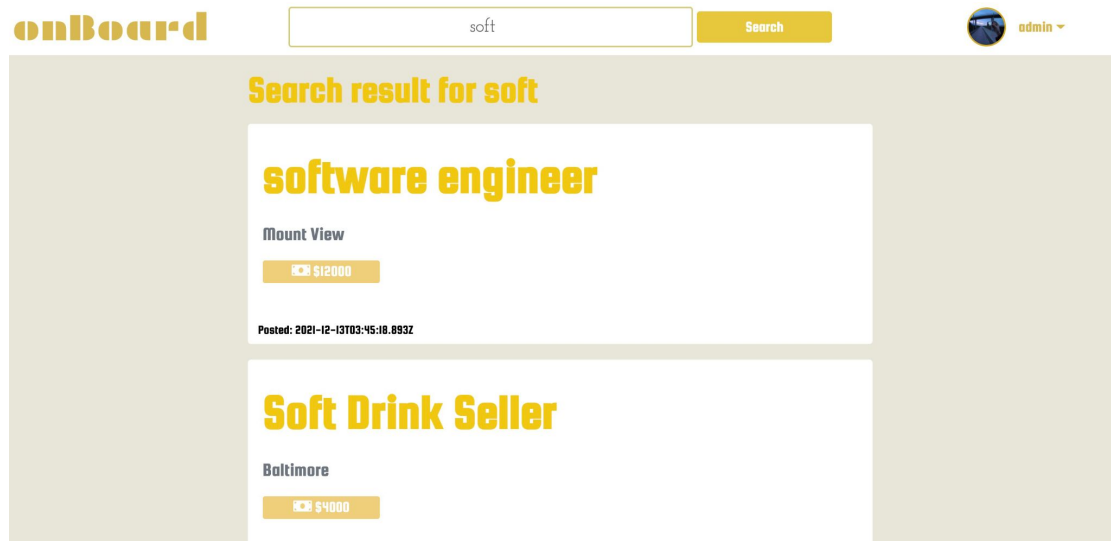


An endless sea with only one ship: we can help you get on board.  
Clean page with a search bar and a title linked to the main page.



## 2. Pages - Main Page

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After searching, results will pop on the main page, with limited information were given in the post area (title, location, salary)

Navbar allow you to quickly access other routes.

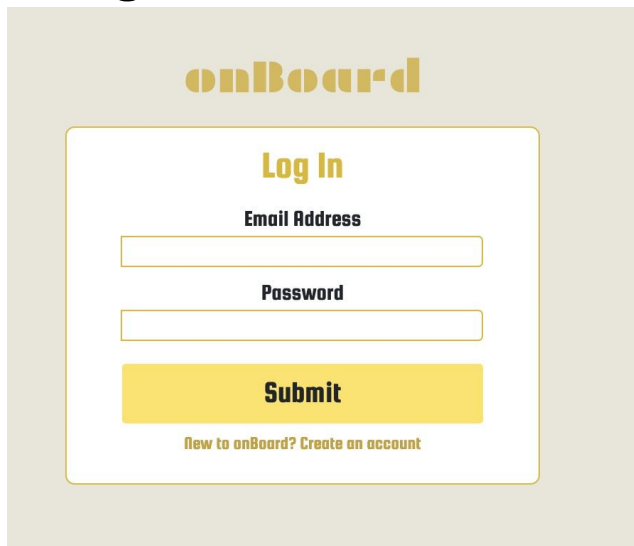




## 2. Pages - Authentication Pages

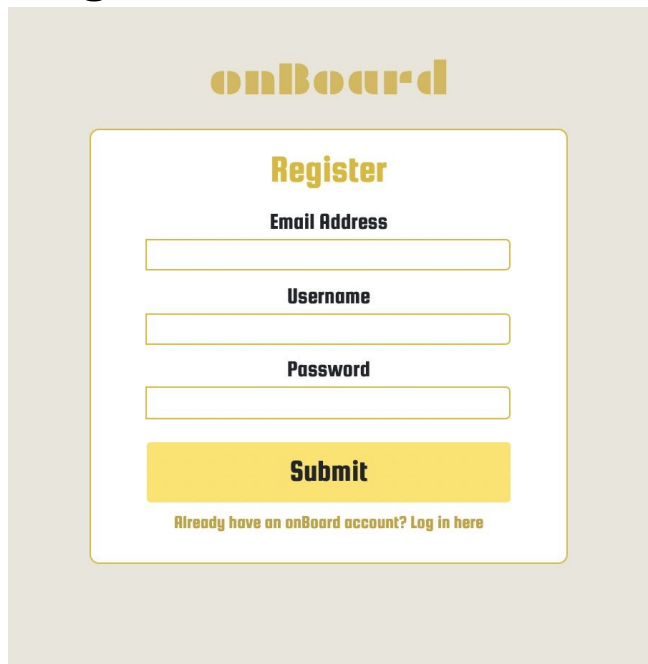
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### Log In



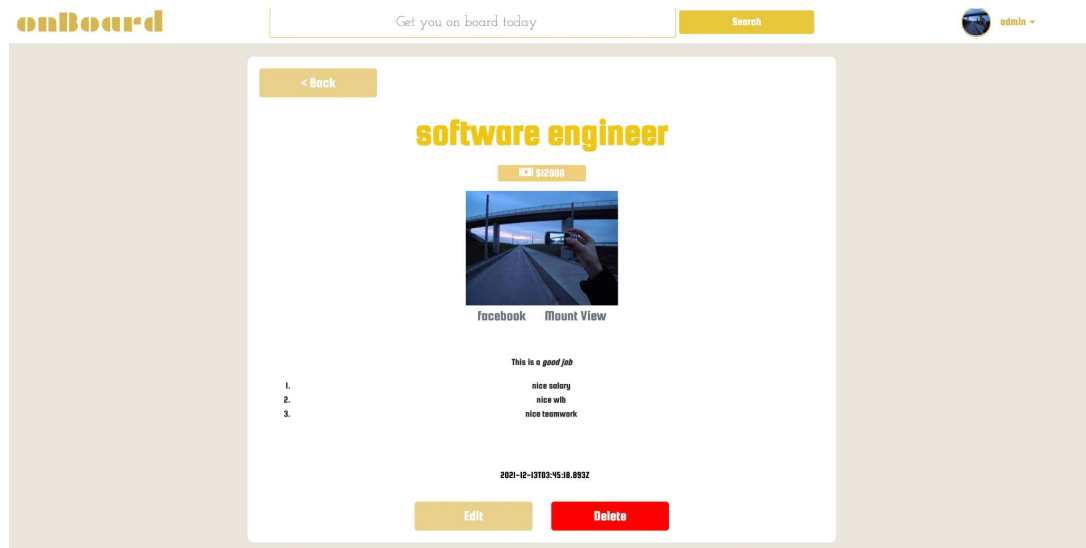
The Log In form is titled 'onBoard' in a gold, lowercase, sans-serif font. Below the title is a white rectangular box with a gold border. Inside this box, the text 'Log In' is centered in a bold, gold, sans-serif font. Below this, the label 'Email Address' is centered in a bold, black, sans-serif font, followed by a white input field with a gold border. Below the input field, the label 'Password' is centered in a bold, black, sans-serif font, followed by another white input field with a gold border. Below the second input field is a solid yellow rectangular button with the text 'Submit' centered in a bold, black, sans-serif font. At the bottom of the white box, the text 'New to onBoard? Create an account' is centered in a small, gold, sans-serif font.

### Register



The Register form is titled 'onBoard' in a gold, lowercase, sans-serif font. Below the title is a white rectangular box with a gold border. Inside this box, the text 'Register' is centered in a bold, gold, sans-serif font. Below this, the label 'Email Address' is centered in a bold, black, sans-serif font, followed by a white input field with a gold border. Below the input field, the label 'Username' is centered in a bold, black, sans-serif font, followed by another white input field with a gold border. Below the second input field, the label 'Password' is centered in a bold, black, sans-serif font, followed by a third white input field with a gold border. Below the third input field is a solid yellow rectangular button with the text 'Submit' centered in a bold, black, sans-serif font. At the bottom of the white box, the text 'Already have an onBoard account? Log in here' is centered in a small, gold, sans-serif font.

## 2. Pages - Job Show Page (Poster Vision)

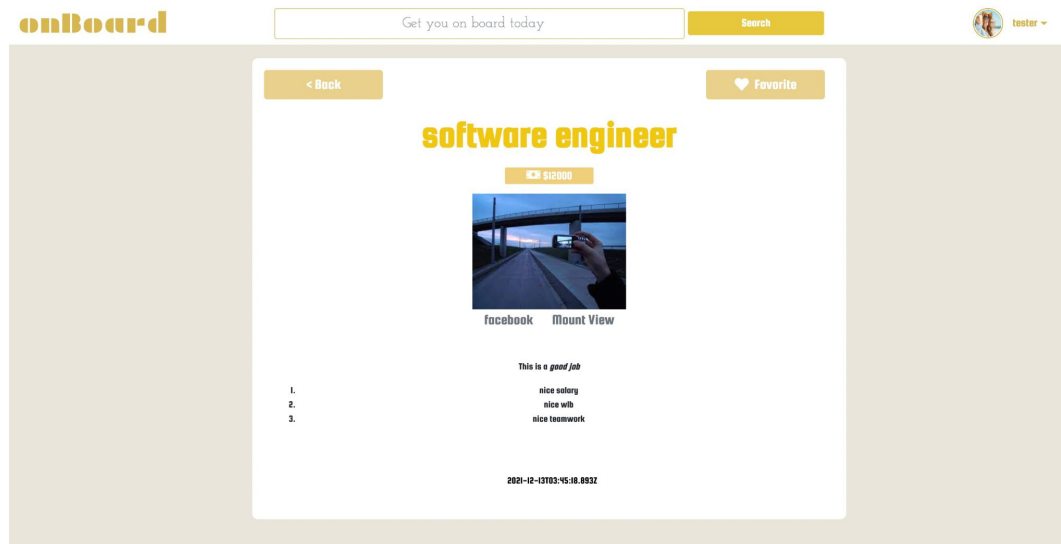


In each of the job show page, more details will be shown: including image, company name, job description.

If you are the poster, you will be allowed to seen and use the edit and delete buttons.



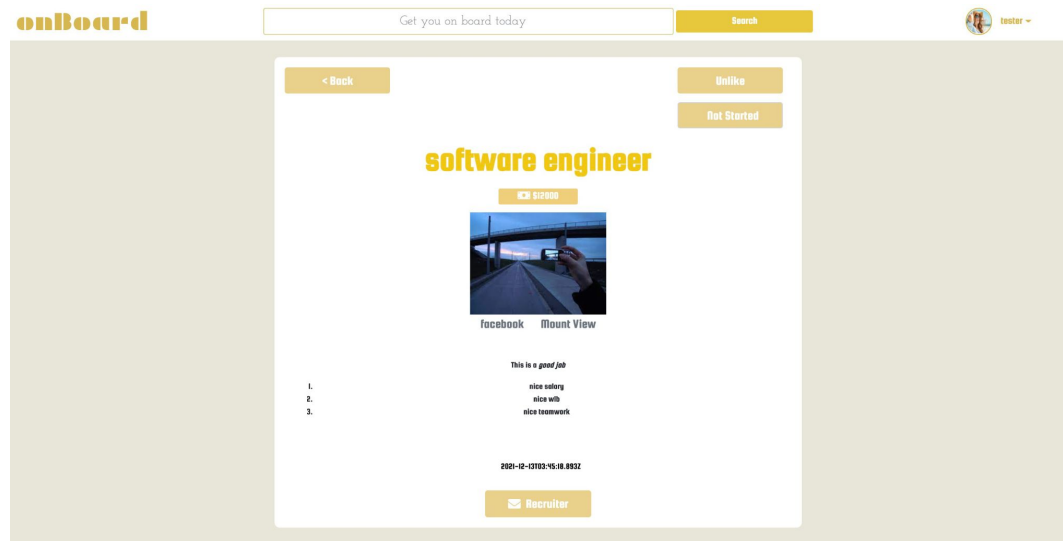
## 2. Pages - Job Show Page (Non-Poster Vision)



If you are not the poster, you will be only allowed to see and use the favorite button, after favorite has been clicked, you are allowed to see more.



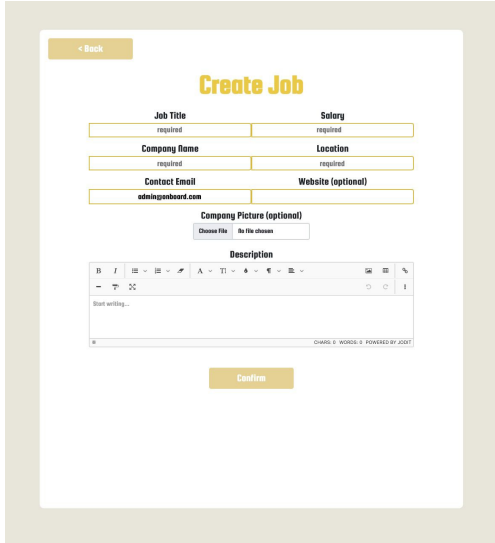
## 2. Pages - Job Show Page (Non-Poster Vision)



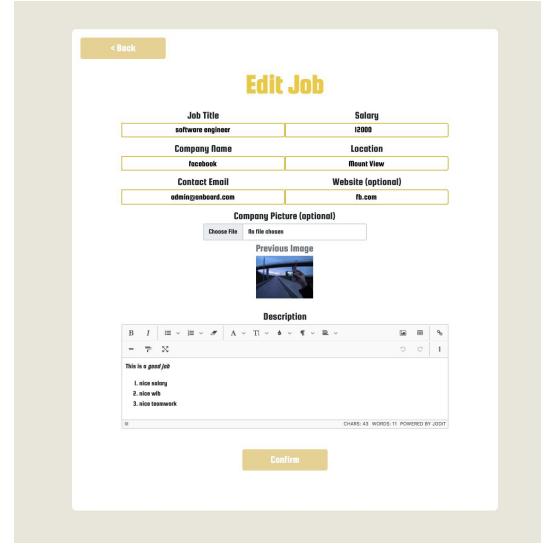
When this post is “favorited”, you can choose to “unlike” it again, or you can find it in your favorites page. After it is favorited, you are allowed to see the “recruiter” link, which allows you to “mailto” the recruiter, and you can also set up a status for your liked job, right below the “unlike” button.



## 2. Pages - Job Create/Edit Page



The 'Create Job' form features a '< Back' button at the top left. It contains several input fields: 'Job Title' (required), 'Salary' (required), 'Company Name' (required), 'Location' (required), 'Contact Email' (pre-filled with 'admin@genboard.com'), and 'Website (optional)'. Below these is a 'Company Picture (optional)' section with a 'Choose File' button and a 'No file chosen' label. The 'Description' section includes a rich text editor with a toolbar and a text area containing the placeholder 'Start writing...'. A 'Confirm' button is located at the bottom right.

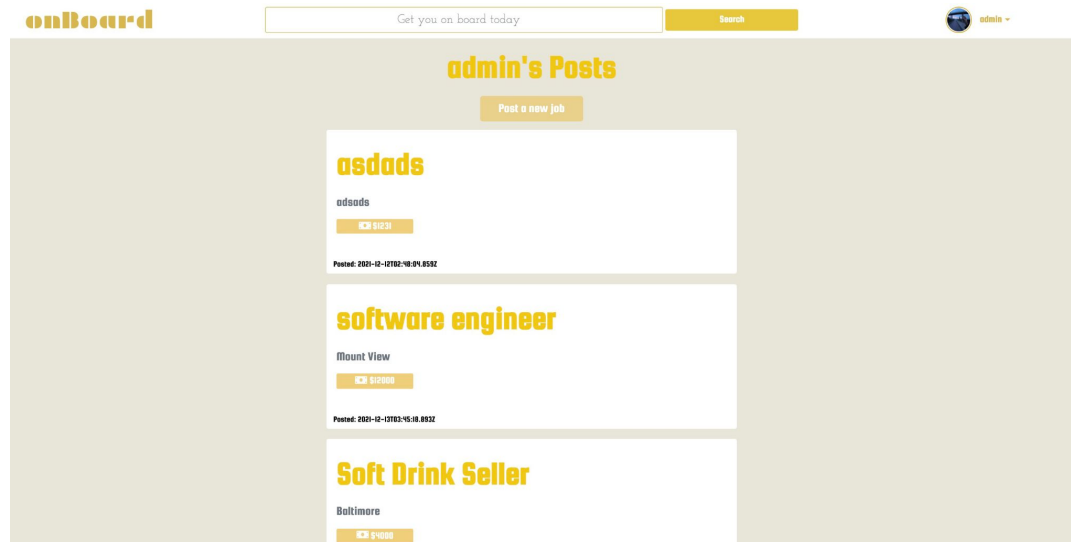


The 'Edit Job' form features a '< Back' button at the top left. It contains several input fields: 'Job Title' (pre-filled with 'software engineer'), 'Salary' (pre-filled with '12000'), 'Company Name' (pre-filled with 'facebook'), 'Location' (pre-filled with 'Mount View'), 'Contact Email' (pre-filled with 'admin@genboard.com'), and 'Website (optional)' (pre-filled with 'fb.com'). Below these is a 'Company Picture (optional)' section with a 'Choose File' button and a 'No file chosen' label. A 'Previous Image' section shows a small thumbnail of a building. The 'Description' section includes a rich text editor with a toolbar and a text area containing the placeholder 'This is a great job' and a list: '1. also salary', '2. also web', '3. also teamwork'. A 'Confirm' button is located at the bottom right.

When creating a job, current user's email will be default contact email, but you can edit it to any email as you like. Company website and company image are both optional. On the editing page, your job's previous information will be automatically taken in, and you may modify them.

## 2. Pages - Posts Page

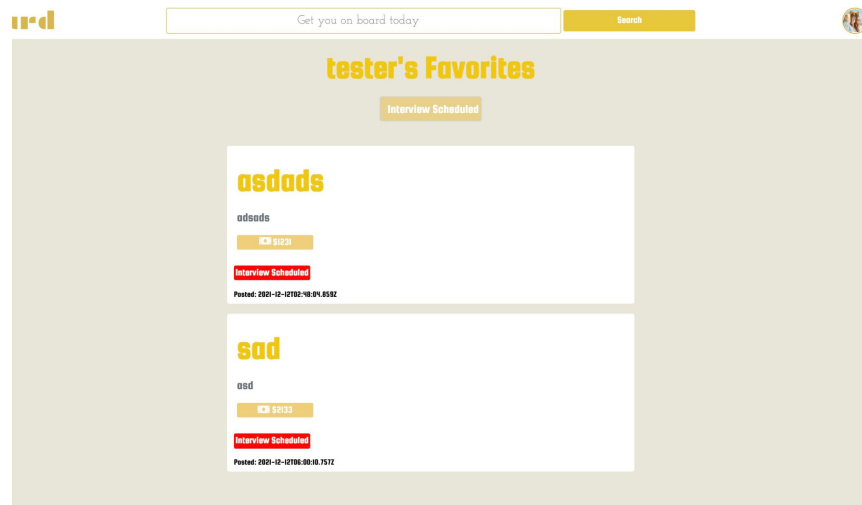
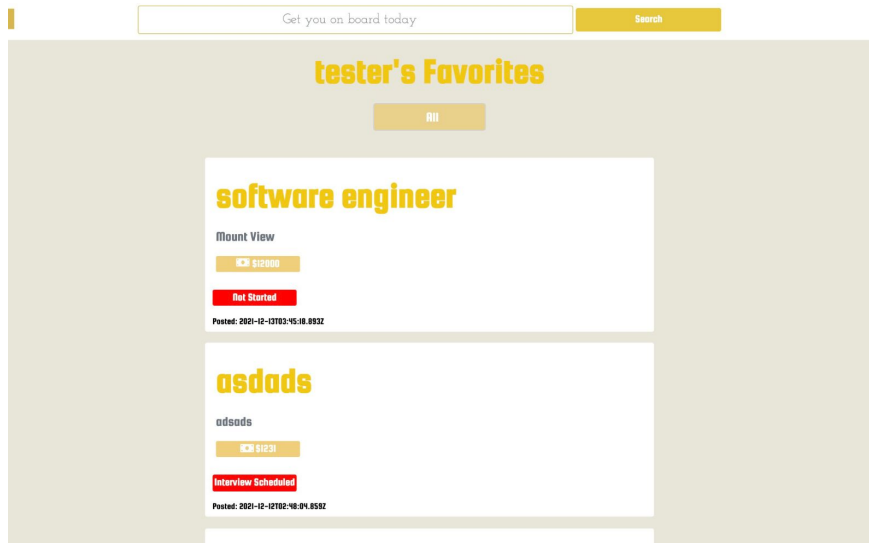
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In this page, you can see all the posts you created, you are only allowed to visit this page after you are logged in.



## 2. Pages - Favorites Page

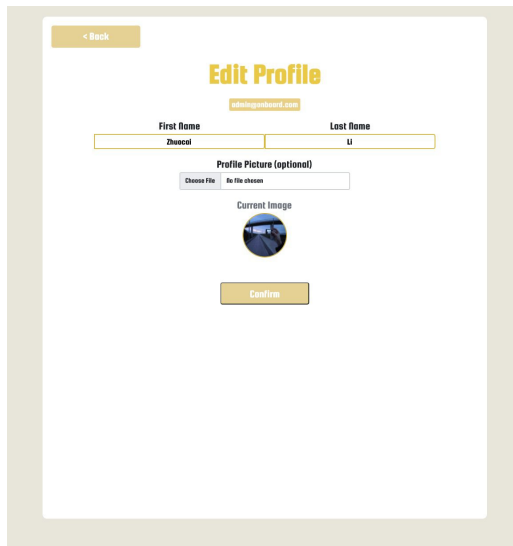


You can see all posts that you “favorite” on this page, you can also filter the posts according to their status.



## 2. Pages - User Profile Setting Page

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< Back

### Edit Profile

shuangshuang.com

First Name: Zhuocai      Last Name: Li

Profile Picture (optional)

Choose File    No file chosen

Current Image

Confirm

You can edit your first name, last name and also your profile image in this page.





### **3. Advanced Features (EC) : Early Submission**

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**Today is 12/12/2021! We made it!**



### 3. Advanced Features (EC) : Password Encryption

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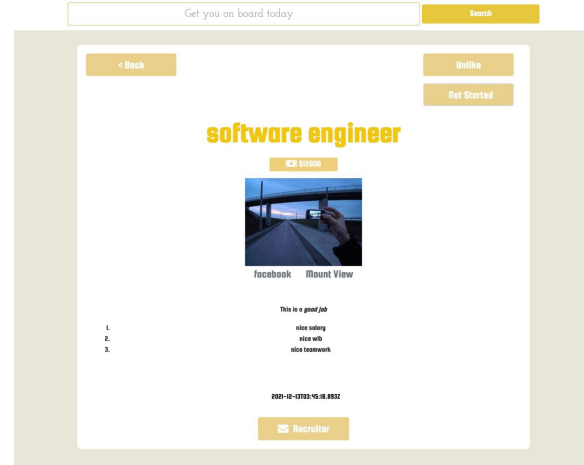
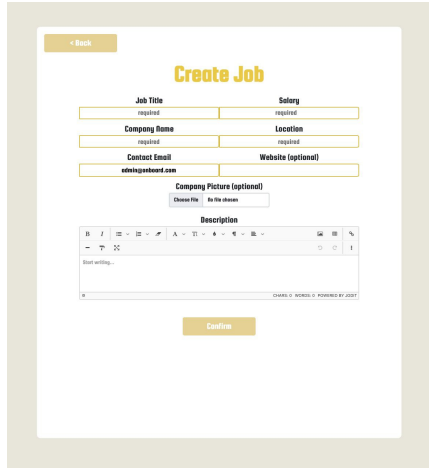
```
_id: ObjectId("61b58a6c59c806e58c45e1ac")
username: "123456"
email: "abc@abccc.com"
password: "$2b$10$dWkSE5p3K8Z3RVSWndj2B.0nI300Gv0Zjzn1a3kCN6Q6XGirxD0nK"
firstName: ""
lastName: ""
image: "http://res.cloudinary.com/tsai-li/image/upload/v1639287922/yn7o9gbdyi8..."
> favorites: Array
__v: 1
```

```
_id: ObjectId("61b59789db5552751034bd3b")
username: "oliver"
email: "oliver@gmail.com"
password: "$2b$10$xpY2JWBZBgnS68lNAvHSJOHvdAnSTeIfBsUAJLpvcGEf6b05Lk5RC"
firstName: ""
lastName: ""
image: "http://res.cloudinary.com/tsai-li/image/upload/v1639296240/rnysdhmvvu..."
> favorites: Array
__v: 21
```

All the users' password are encrypted before they get into the database, and for the authentication, we will need to use `bcrypt.compare` first.



### 3. Advanced Features (EC) : Rich Text Editor



We choose the jodit-react editor component to help us fulfill this.

On the output part, we choose to use

```
<div dangerouslySetInnerHTML={{ html: job.jobDescription }} />;
```

to help us render after the htmls are stringified into the database.



### 3. Advanced Features (EC) : Correct Post-Login Redirect

```
const handleClick = async () => {  
  await axios.post('/api/users/authenticate', userData)  
    .then(response => {  
      navigate("/main", { replace: true })  
      setUser({  
        ...user,  
        status: 'LOGGEDIN'  
      })  
      toast.success("Hello " + response.data.username + ",  
    })  
  ).catch(error => {  
    toast.error(error.response.data.message)  
  })  
}
```

```
})  
  .then((response) => response.json())  
  .then((data) => {  
    axios  
      .post("/api/jobs/", {  
        ...input,  
        image: data.url,  
        jobDescription: content,  
      })  
      .then((response) => {  
        navigate("/posts");  
        toast.success("Successful");  
      })  
      .catch((err) => {  
        toast.error(err.response.data.message);  
      });  
  });  
});
```

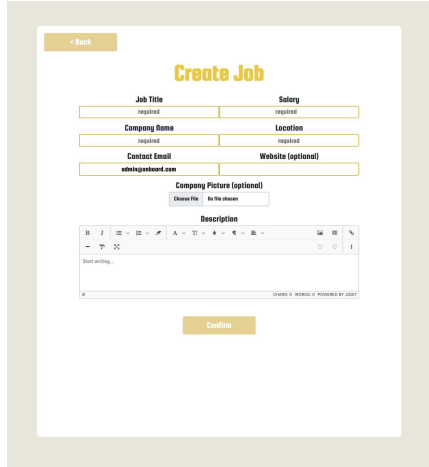
e.g.

Login (left): user will be redirected to main page;

Create post (right): user will be redirected to posts page (collecting all of the user's posts)

For many others, we choose either `navigate(-1)` after certain actions, or give them a "back" button, which `onClick={()=>{navigate(-1)}}` (to the previous page they browse)

### 3. Advanced Features (EC) : Company Icon Upload



**Create Job**

**Job Title** required **Salary** required

**Company Name** required **Location** required

**Contact Email** required **Website (optional)**

**Company Picture (optional)**

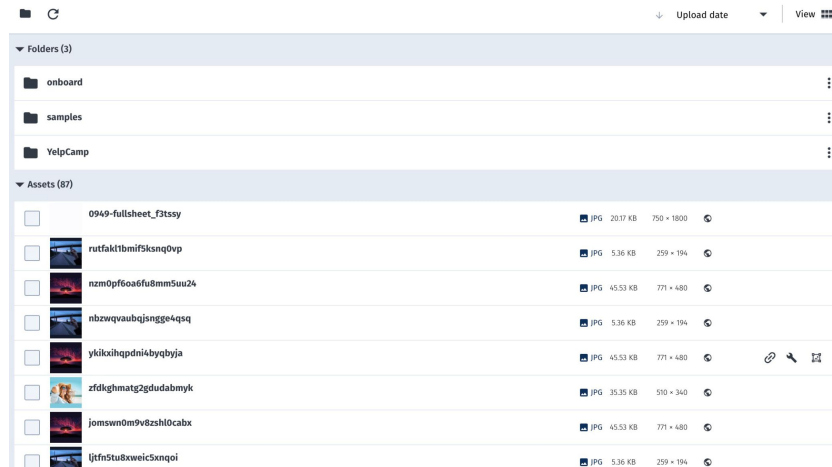
Choose file or file chosen

**Description**

Start writing...

CHANGING WORKSHEET BY 2021

**Continue**

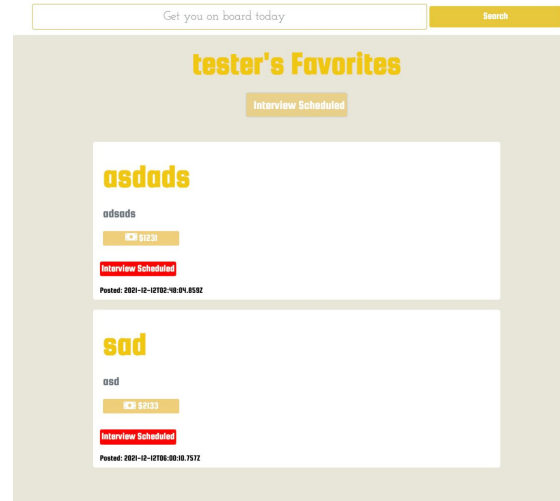
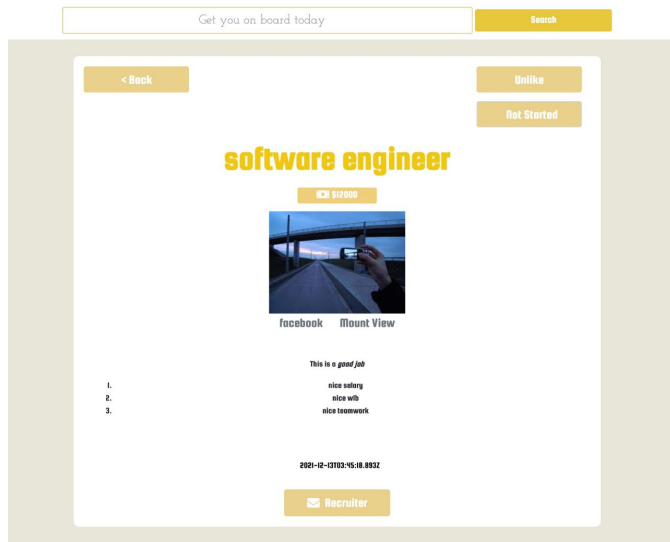


	Upload date	View
<b>Folders (3)</b>		
onboard		
samples		
YelpCamp		
<b>Assets (87)</b>		
<input type="checkbox"/>	0949-fullsheet_F3tssy	JPG 2017 KB 750 x 1800
<input type="checkbox"/>	rutfakt1bmif5ksnq0vp	JPG 5.36 KB 259 x 194
<input type="checkbox"/>	azm0pf6oa6fu8mm5su24	JPG 45.53 KB 771 x 480
<input type="checkbox"/>	nbzwqvaubqjsngge4qsq	JPG 5.36 KB 259 x 194
<input type="checkbox"/>	ykikxihqpdni4byqbyja	JPG 45.53 KB 771 x 480
<input type="checkbox"/>	zfdkghmatg2gdudabmyk	JPG 35.35 KB 510 x 340
<input type="checkbox"/>	jomswn0m9v8zh0cabx	JPG 45.53 KB 771 x 480
<input type="checkbox"/>	ljtnStu8xweic5xnqoi	JPG 5.36 KB 259 x 194

Users are allowed to upload image for their post (optional), the images will be uploaded to Cloudinary (a subdomain we created), and be stored there.  
(left - create post page / right - Cloudinary storage)



### 3. Advanced Features (EC) : Job Submission Tracker



Users are allowed to give their job a specific status on the job show page, after that, on their favorites page, they can filter their favorite jobs by status.



# onBoard

## Project 3 Final Conclusion

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