

FINDHIRE - YOUR COMMISSION PROJECT

DOCUMENTATION

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SECTION: UCOS 3-2

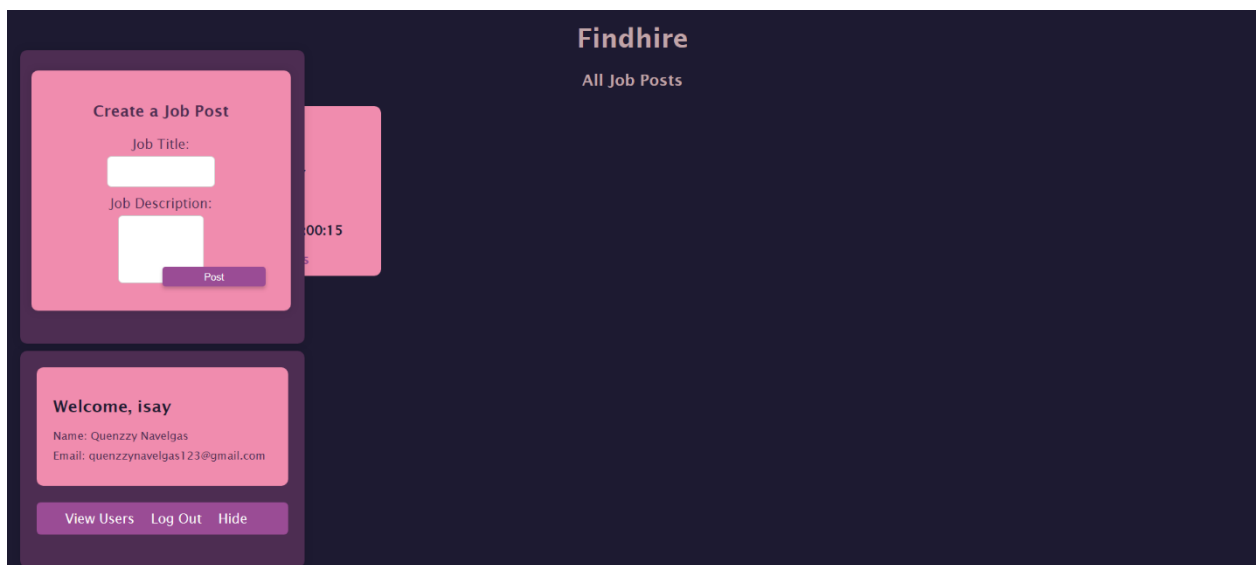
INSTRUCTIONS: Please provide a screenshot for the following. Paste the screenshot being asked below. Don't feel discouraged to put "NA" if you aren't able to show what's being asked. What matters is that you were able to come up with an output.

1. HOMEPAGE OF SYSTEM (HR AND APPLICANT ROLE)

APPLICANT ROLE

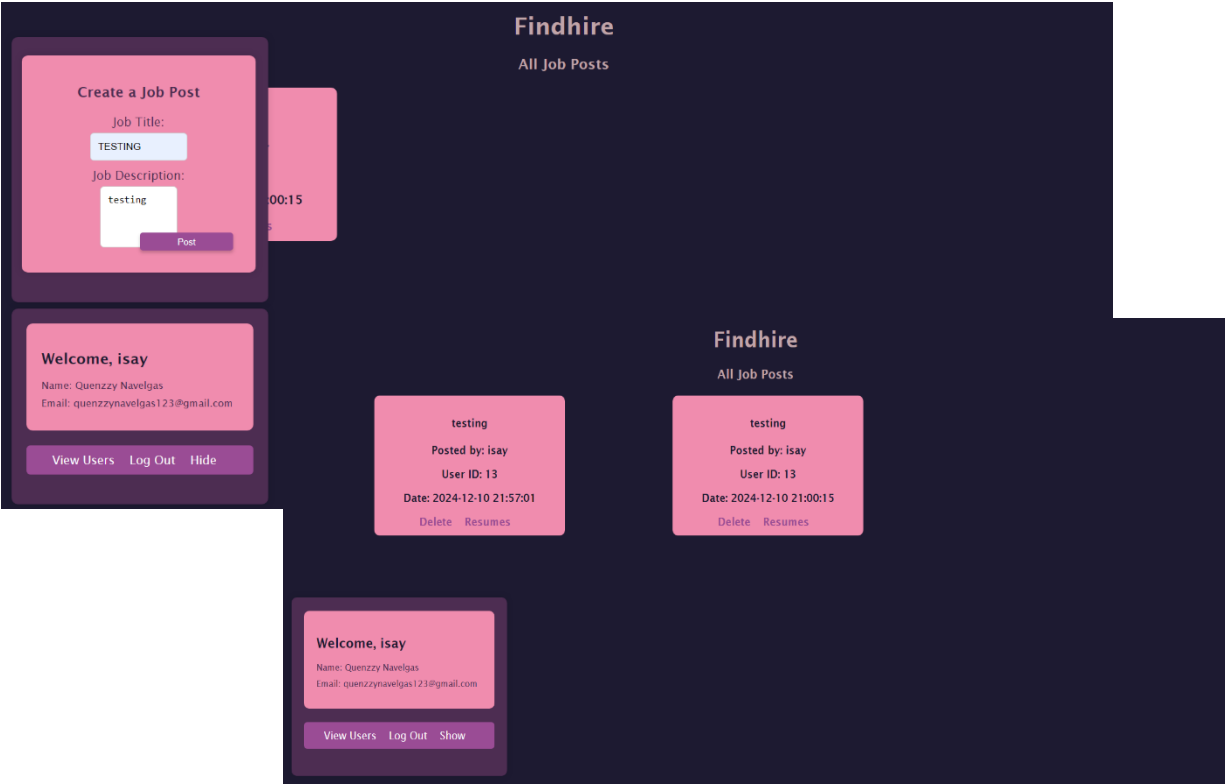


HR ROLE





2. WRITING A JOB POST AND POSTING THE JOB POST (HR ROLE)



3. ACCEPTING AN APPLICATION AND SHOWING WHO IS HIRED IN THE JOB POST (HR ROLE)

Back

View Resume

Job Post ID: 21

Logged in as: isay

TESTING">

isay

testing

Created on: 2024-12-10 21:57:01

Applications

Username	Submitted at	Message	Resume File	Status	Action
Julie	2024-12-10 22:02:07	TESTING REJECTED	View Resume	Rejected	

Username	Submitted at	Message	Resume File	Status	Action
ys_nwk	2024-12-10 21:58:59	TESTING ACCEPTED	View Resume	Accepted	

4. RECEIVING MESSAGES FROM APPLICANTS AND REPLYING TO THEM (HR ROLE)

Findhire - Chat

Welcome, isay

Select Recipient:

Queen Parker (ys_nwk) ▾

Start Chat

Chat with Queen Parker

ys_nwk: Testing

2024-12-11 00:07:54

Type your message...

ys_nwk: Testing

2024-12-11 00:07:54

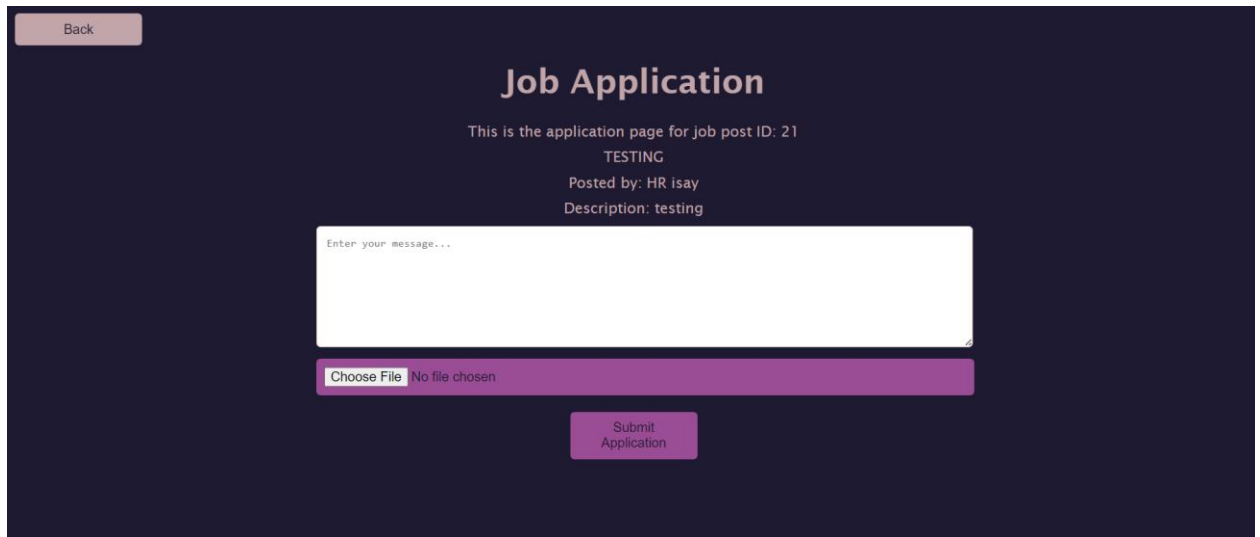
You: Hello, Isay!

2024-12-11 00:27:33

Type your message...

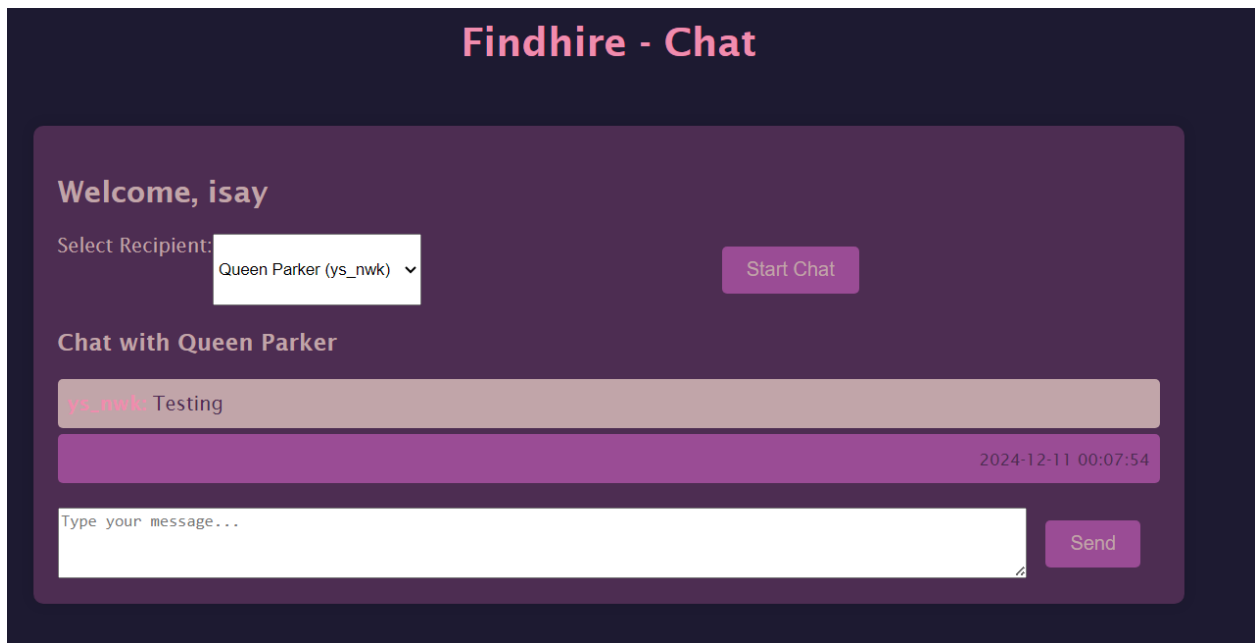
Send

5. APPLYING TO A JOB POST (APPLICANT ROLE)



A screenshot of a 'Job Application' form. At the top left is a 'Back' button. The title 'Job Application' is centered. Below it, text states 'This is the application page for job post ID: 21'. Further down, it says 'TESTING', 'Posted by: HR isay', and 'Description: testing'. A large text input field with the placeholder 'Enter your message...' is present. Below this is a file upload section with a 'Choose File' button and the text 'No file chosen'. At the bottom center is a 'Submit Application' button.

6. MESSAING AN HR REPRESENTATIVE FOR A FOLLOW UP (APPLICANT ROLE).



A screenshot of a chat interface titled 'Findhire - Chat'. It shows a 'Welcome, isay' message. Below this is a 'Select Recipient:' dropdown menu with 'Queen Parker (ys_nwk)' selected. To the right is a 'Start Chat' button. The chat area is titled 'Chat with Queen Parker' and shows a message from 'ys_nwk: Testing' with a timestamp of '2024-12-11 00:07:54'. At the bottom is a text input field with the placeholder 'Type your message...' and a 'Send' button.

7. SQL SCHEMA WRITTEN IN SQL

```
sql > schema.sql
1 CREATE TABLE users (
2   id INT AUTO_INCREMENT PRIMARY KEY, -- User ID
3   username VARCHAR(255) NOT NULL,
4   first_name VARCHAR(255) NOT NULL,
5   last_name VARCHAR(255) NOT NULL,
6   email VARCHAR(255) NOT NULL UNIQUE, -- User email
7   password VARCHAR(255) NOT NULL, -- User password
8   role ENUM('applicant', 'hr') NOT NULL, -- Role-based access
9   created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP -- Account creation timestamp
10 );
11
12 -- Job Posts Table
13 CREATE TABLE job_posts (
14   job_posts_id INT AUTO_INCREMENT PRIMARY KEY, -- Job post ID
15   title VARCHAR(255) NOT NULL, -- Job title
16   description TEXT NOT NULL, -- Job description
17   created_by INT NOT NULL, -- Foreign key (HR ID)
18   created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP, -- Creation timestamp
19   FOREIGN KEY (created_by) REFERENCES users(id) ON DELETE CASCADE -- Deletes job posts if HR is deleted
20 );
21
22 -- Applications Table
23 CREATE TABLE applications (
24   applications_id INT AUTO_INCREMENT PRIMARY KEY, -- Application ID
25   job_post_id INT NOT NULL, -- Foreign key (Job Post ID)
26   applicant_id INT NOT NULL, -- Foreign key (Applicant ID)
27   status ENUM('Pending', 'Accepted', 'Rejected') DEFAULT 'Pending', -- Application status
28   messages VARCHAR(255),
29   resume_path VARCHAR(255) NOT NULL, -- Path to uploaded resume
30   submitted_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP, -- Submission timestamp
31   FOREIGN KEY (job_post_id) REFERENCES job_posts(job_posts_id) ON DELETE CASCADE, -- Deletes applications if job post is deleted
32   FOREIGN KEY (applicant_id) REFERENCES users(id) ON DELETE CASCADE -- Deletes applications if user is deleted
33 );
34
-- Messages Table
CREATE TABLE messages (
  messages_id INT AUTO_INCREMENT PRIMARY KEY, -- Message ID
  sender_id INT NOT NULL, -- Foreign key (Sender ID)
  receiver_id INT NOT NULL, -- Foreign key (Receiver ID)
  content TEXT NOT NULL, -- Message content
  created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP, -- Message timestamp
  FOREIGN KEY (sender_id) REFERENCES users(id) ON DELETE CASCADE, -- Deletes messages if sender is deleted
  FOREIGN KEY (receiver_id) REFERENCES users(id) ON DELETE CASCADE -- Deletes messages if receiver is deleted
);

-- Indexes
CREATE INDEX idx_role ON users(role); -- For faster role-based queries
CREATE INDEX idx_job_post ON applications(job_post_id); -- For faster lookups by job post
CREATE INDEX idx_applicant ON applications(applicant_id); -- For faster lookups by applicant
CREATE INDEX idx_sender_receiver ON messages(sender_id, receiver_id); -- For sender-receiver queries
CREATE INDEX idx_job_applicant ON applications(job_post_id, applicant_id); -- Composite index for job-applicant queries

ALTER TABLE messages
ADD COLUMN job_post_id INT NULL AFTER content, -- Add the job_post_id column after content
ADD CONSTRAINT fk_job_post_id FOREIGN KEY (job_post_id) REFERENCES job_posts(job_posts_id) ON DELETE CASCADE;
ALTER TABLE messages ADD COLUMN timestamp TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
```

8. PASTE GITHUB LINK TO PROJECT BELOW. PLEASE MAKE SURE IT'S VISIBLE PUBLICLY.

https://github.com/isayasi/5_FINAL_EXAM_PROJECT_FINDHIRE_APP