



Artefact Design

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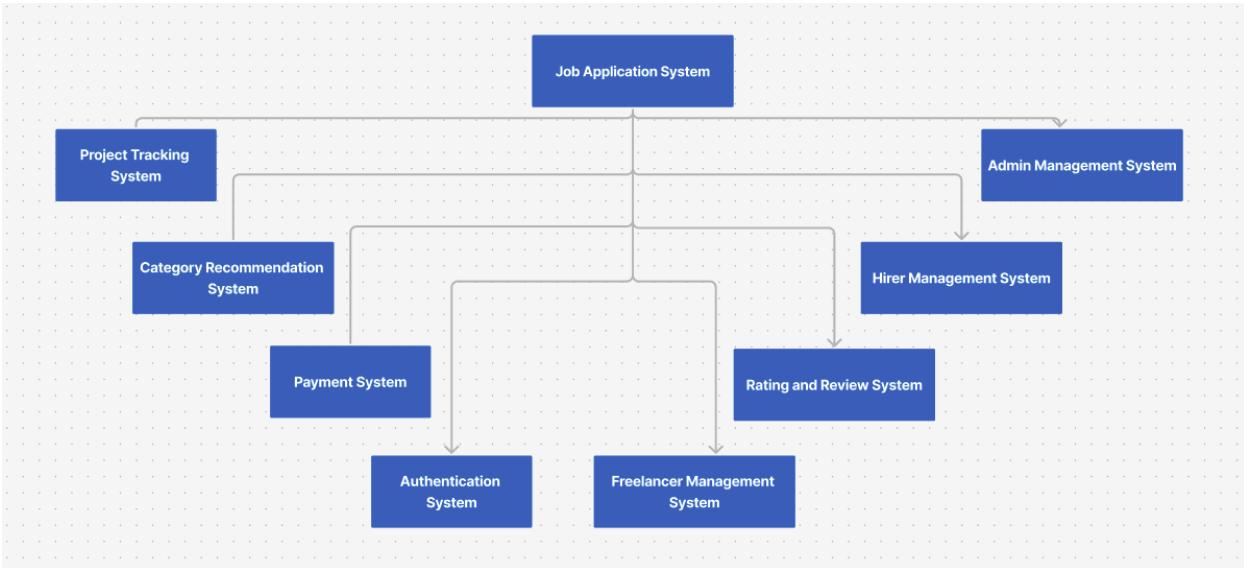
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1. Product Backlog

	Epic	User Story	Acceptance Criteria	Priority	Sprint
1	Authentication System	As a freelancer or hirer, I want to be able to sign up and log in so that I can access the system	Given that I have created an account, when I enter my username and password, I should be logged in securely.	Must Have	Sprint 1
2	Authentication System	As a user, I want to have role-based authentication so that different users have different access levels	Given that I log in as a freelancer, hirer, or admin, I should have access to only the relevant features.	Must Have	Sprint 1
3	Hirer Management System	As a hirer, I want to be able to add jobs through a job form so that freelancers can view them	Given that I have added a job, it should appear in my dashboard and be visible to freelancers.	Must Have	Sprint 1
4	Hirer Management System	As a hirer, I want to be able to view and edit my posted jobs so that I can make updates	Given that I go to my dashboard, I should see all my jobs, and I should be able to update them.	Must Have	Sprint 1
5	Admin Management System	As an admin, I want to be able to log in and manage users	Given that I am an admin, I should have access to an admin dashboard where I can view all users.	Must Have	Sprint 1
6	Freelancer Management System	As a freelancer, I want to complete my profile by adding personal details, skills, and certifications	Given that I log in as a freelancer, I should be able to update my profile with relevant information.	Must Have	Sprint 2
7	Freelancer Management System	As a freelancer, I want to be able to view available jobs so that I can apply to relevant ones	Given that jobs have been posted by hirers, I should see them on my dashboard.	Must Have	Sprint 2
8	Freelancer Management System	As a freelancer, I want to be able to save jobs that I'm interested in for later reference	Given that I click on a job's save button, it should be added to my saved jobs list.	Should Have	Sprint 2
9	Freelancer Management System	As a freelancer, I want to be able to apply to jobs so that I can get work	Given that I have found a job I like, when I fill in my application form and submit, it should be sent to the hirer.	Must Have	Sprint 2
10	Freelancer Management System	As a freelancer, I want to view the status of my job applications and receive notifications	Given that I have applied to a job, I should see if my application is pending, approved, or rejected.	Must Have	Sprint 2
11					

12	Admin Management System	As an admin, I want to be able to delete users or jobs that violate platform policies	Given that I am an admin, I should have the option to delete accounts or job listings.	Must Have	Sprint 2
13	Hirer Management System	As a hirer, I want to be able to review freelancer applications and approve/reject them	Given that I log into my dashboard, I should see all applications and have options to approve or reject.	Must Have	Sprint 3
14	Hirer Management System	As a hirer, I want to schedule virtual interviews for shortlisted candidates	Given that I have approved an application, I should be able to invite the freelancer to a virtual meeting.	Must Have	Sprint 3
15	Project Tracking System	As a hirer or freelancer, I want to collaborate on a task board to track work progress	Given that I have been assigned a project, I should have access to a shared task board with tasks.	Must Have	Sprint 3
16	Project Tracking System	As a hirer or freelancer, I want the task board to have To-Do, In-Progress, and Done fields	Given that I use the task board, I should be able to update tasks under the correct section.	Must Have	Sprint 3
17	Payment System	As a hirer, I want to be able to pay freelancers via Stripe/Khalti so that they receive their earnings	Given that the work is completed, I should be able to send payments securely through Stripe or Khalti.	Must Have	Sprint 4
18	Freelancer Management System	As a freelancer, I want to track my finances and payment history in a finance page	Given that I have received payments, I should be able to view a detailed finance summary.	Should Have	Sprint 4
19	Rating and Review System	As a hirer or freelancer, I want to be able to rate and review my clients or freelancers	Given that a project is completed, I should have an option to leave a rating and review.	Must Have	Sprint 4
20	Admin Management System	As an admin, I want to search for users and filter them by role	Given that I enter a username or select a filter, I should be able to see the relevant users.	Must Have	Sprint 4

2. FDD (Functional Decomposition Diagram)



Legend

AMS – Admin Management System

FMS – Freelancer Management System

HMS – Hirer Management System

PTS – Project Tracking System

RRS – Rating and Review System

CRS – Category Recommendation System

PS – Payment System

AS – Authentication System

Requirement Types:

FR – Functional Requirement

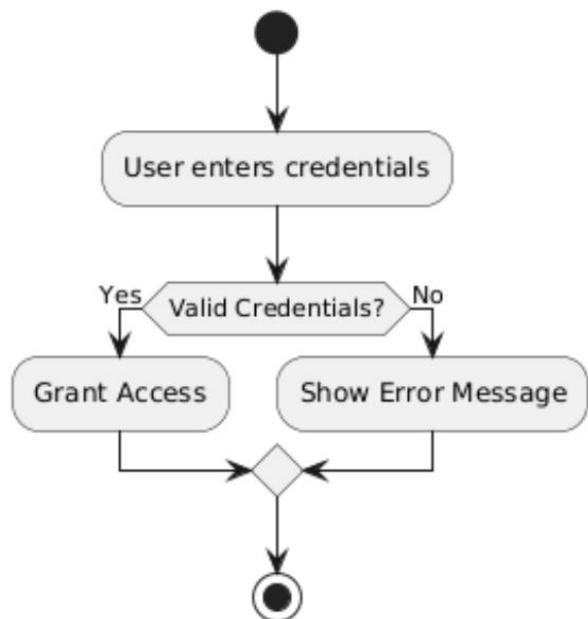
NFR – Non-Functional Requirement

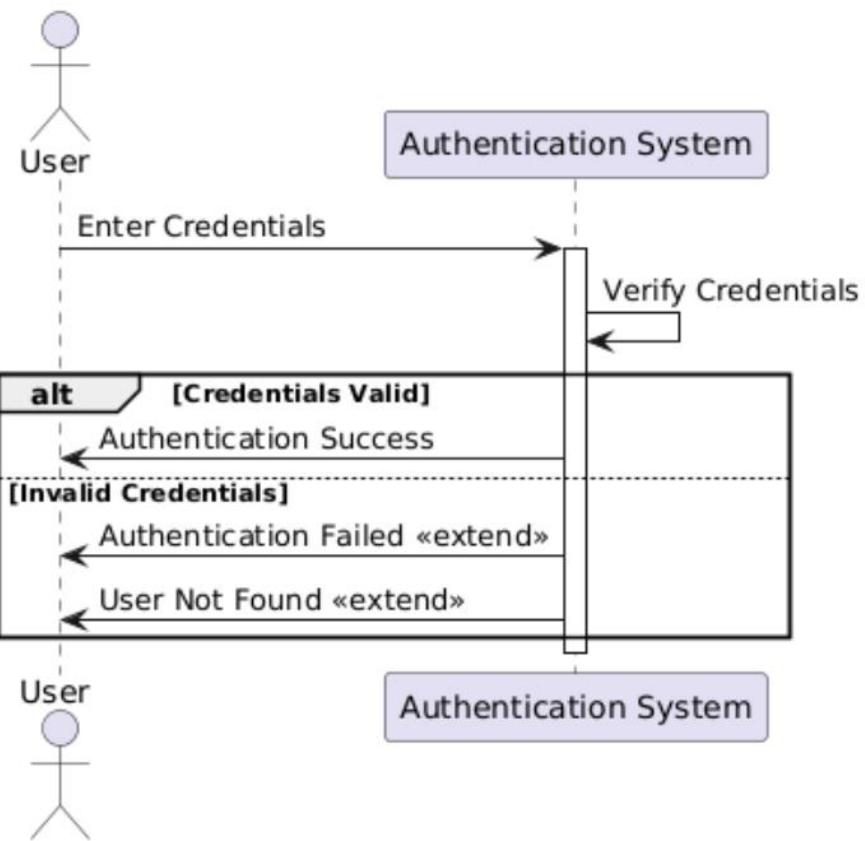
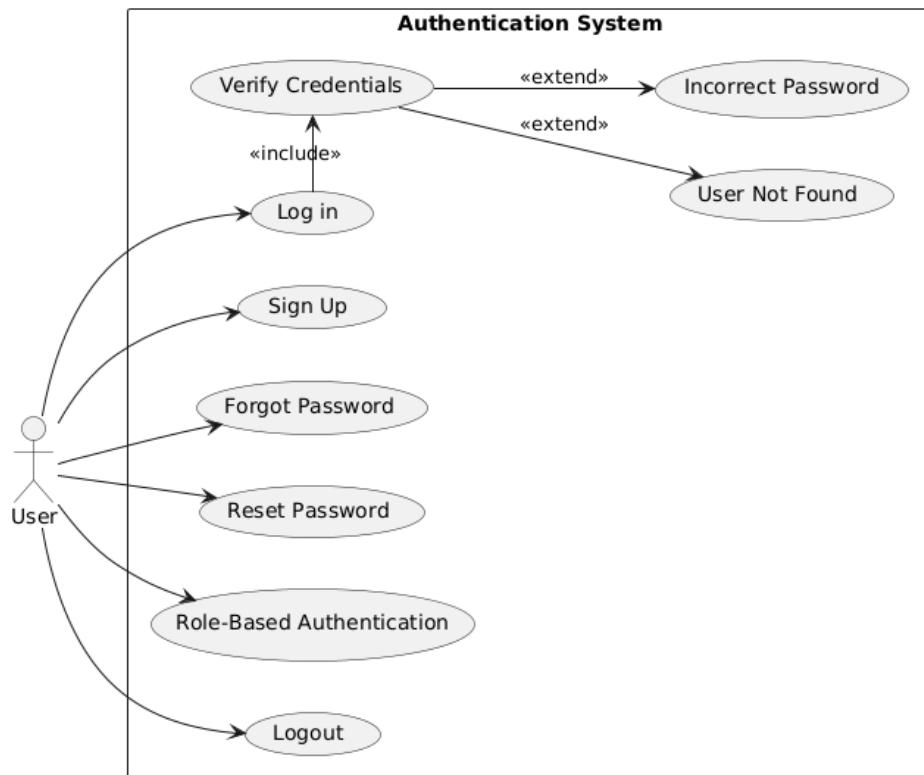
UR – Usability Requirement

3. Sub - Systems

3.1. Authentication System

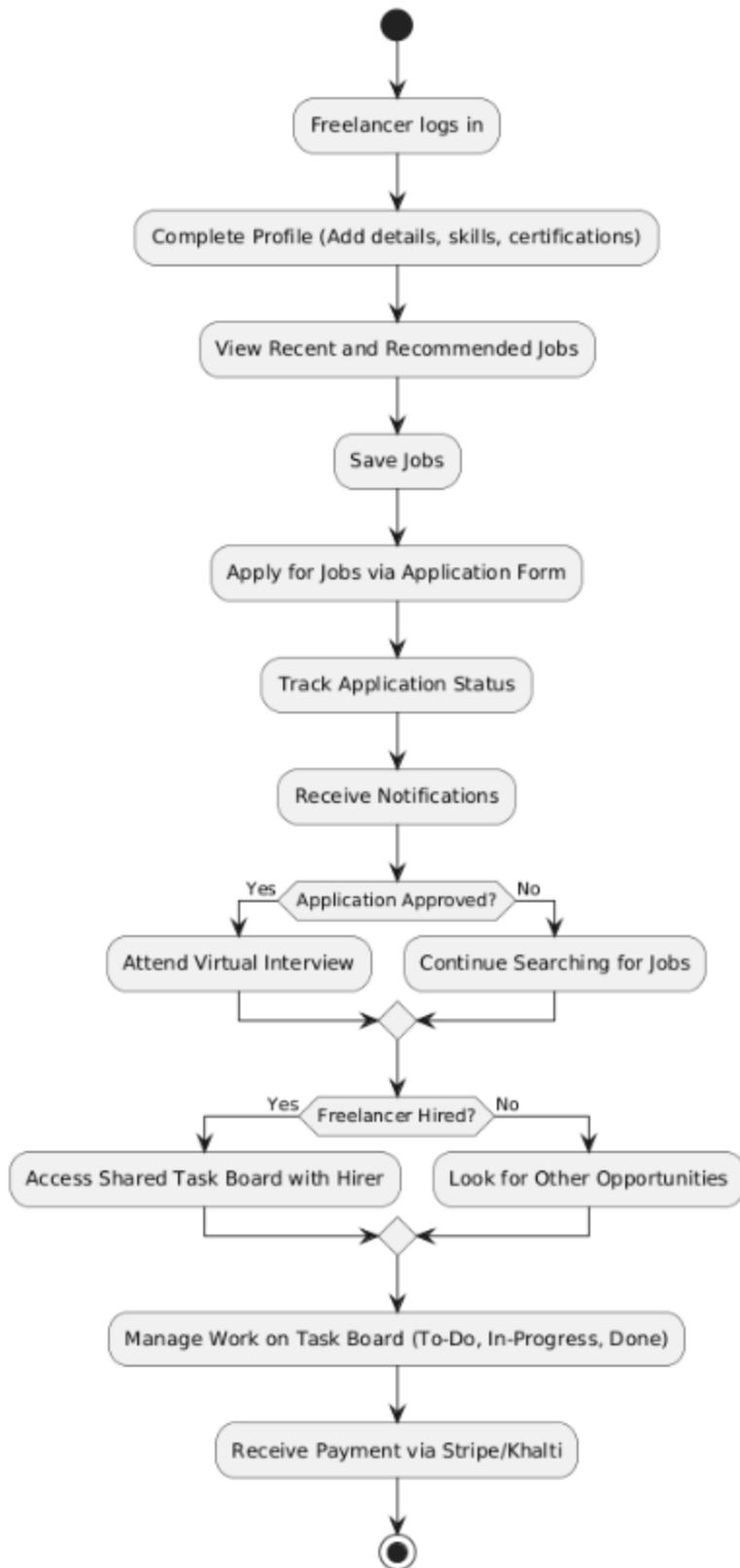
Req. Code	Requirement Description	Requirement Type	Priority
AS-F-1.0	Users must log in before accessing the system.	FR	Must Have
AS-F-2.0	Supports role-based authentication for hirers, freelancers, and admins.	FR	Must Have
AS-F-3.0	Email verification required for sign-up.	FR	Should Have
AS-NF-1.0	Secure password authentication (hashed & encrypted).	NFR	Must Have

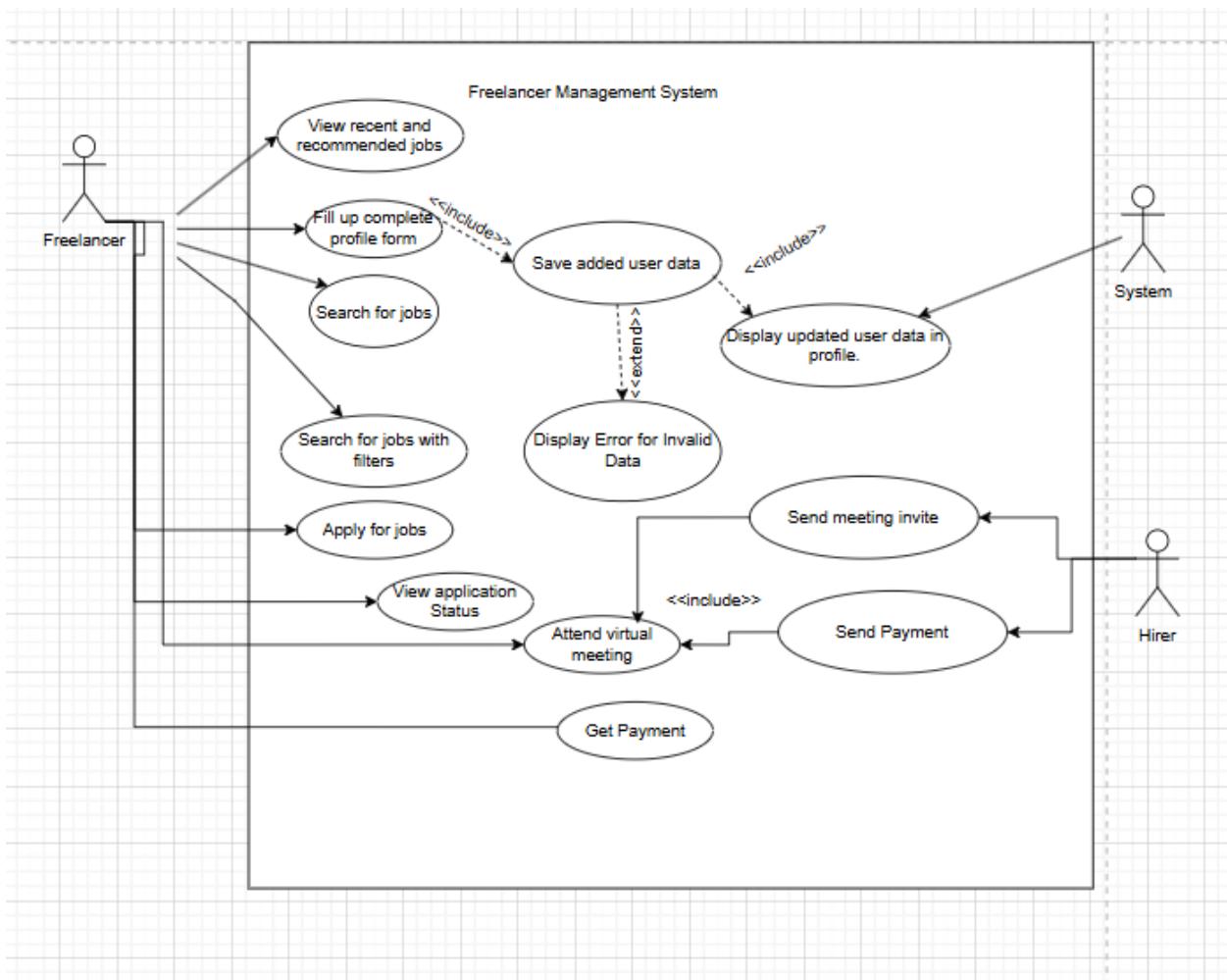


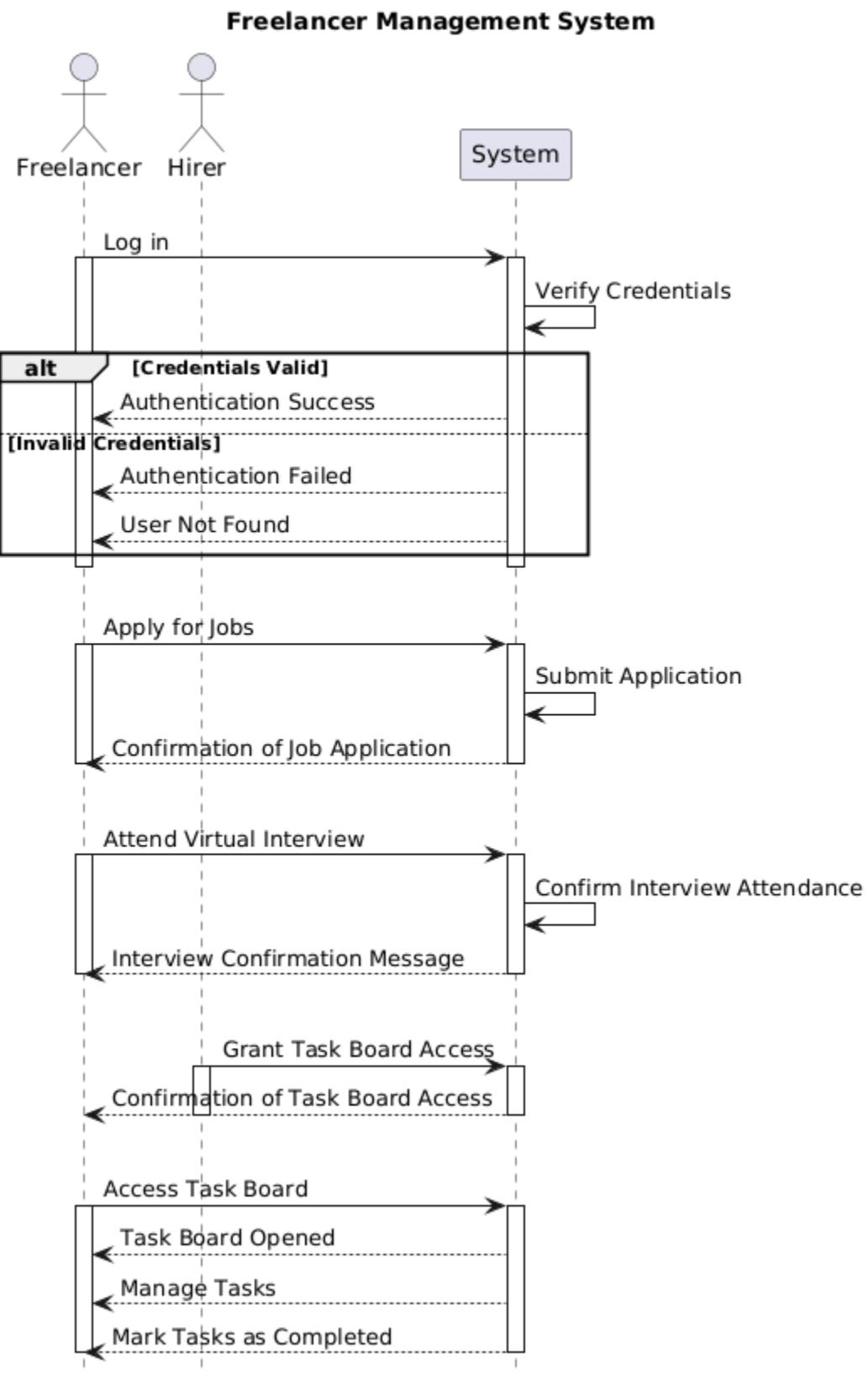


3.2. Freelancer Management System

Req. Code	Requirement Description	Requirement Type	Priority
FMS-F-1.0	Freelancers can sign up and log in.	FR	Must Have
FMS-F-2.0	Freelancers can complete their profile by adding personal details, skills, and portfolio.	FR	Must Have
FMS-F-3.0	Freelancers can view and apply to jobs.	FR	Must Have
FMS-F-4.0	Freelancers can view application status and notifications.	FR	Must Have
FMS-F-5.0	Approved applicants can attend a virtual interview.	FR	Should Have
FMS-F-6.0	Hired freelancers can access a shared task board with the hirer.	FR	Must Have
FMS-NF-1.0	Notifications should be delivered in real-time.	NFR	Must Have

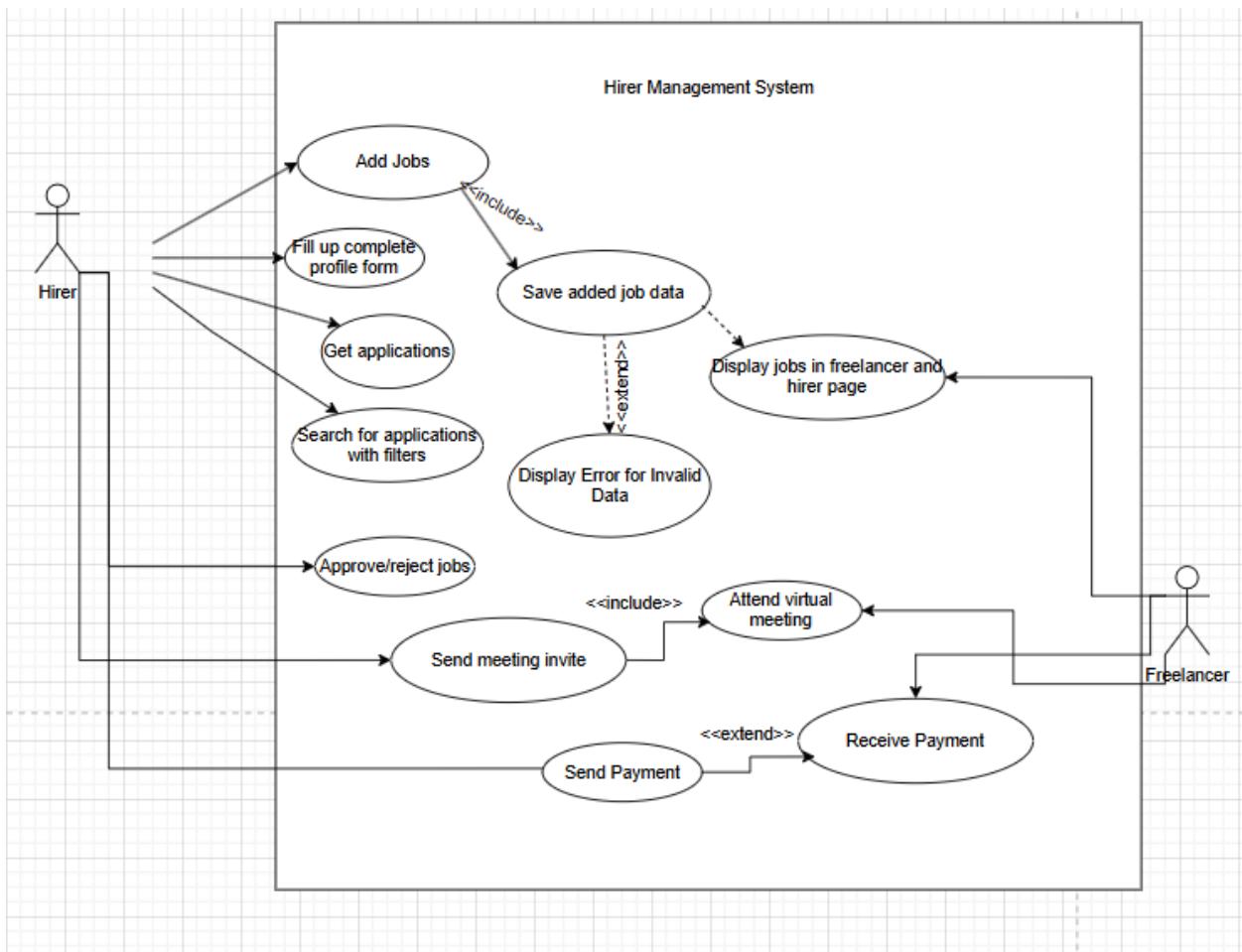




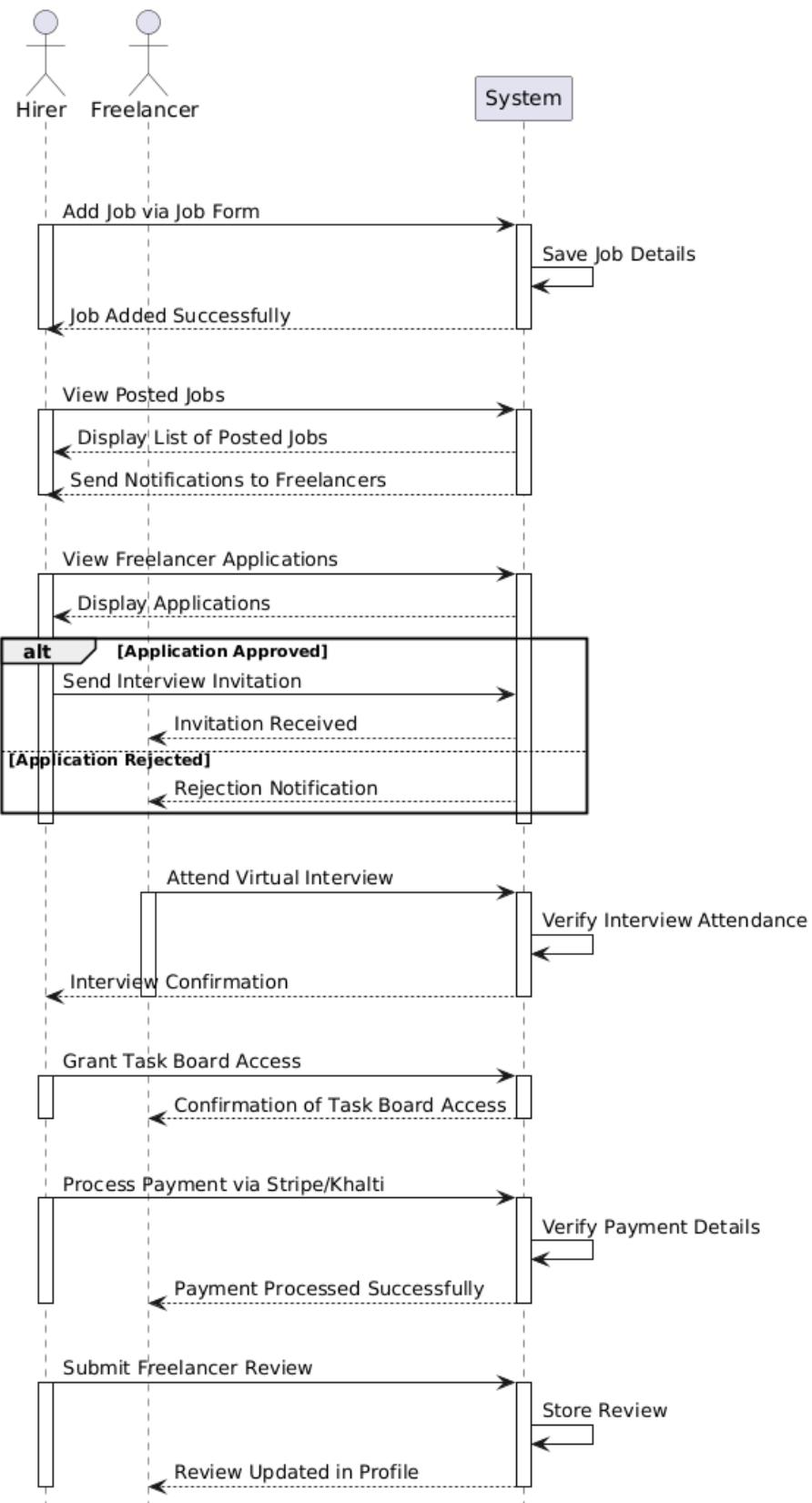


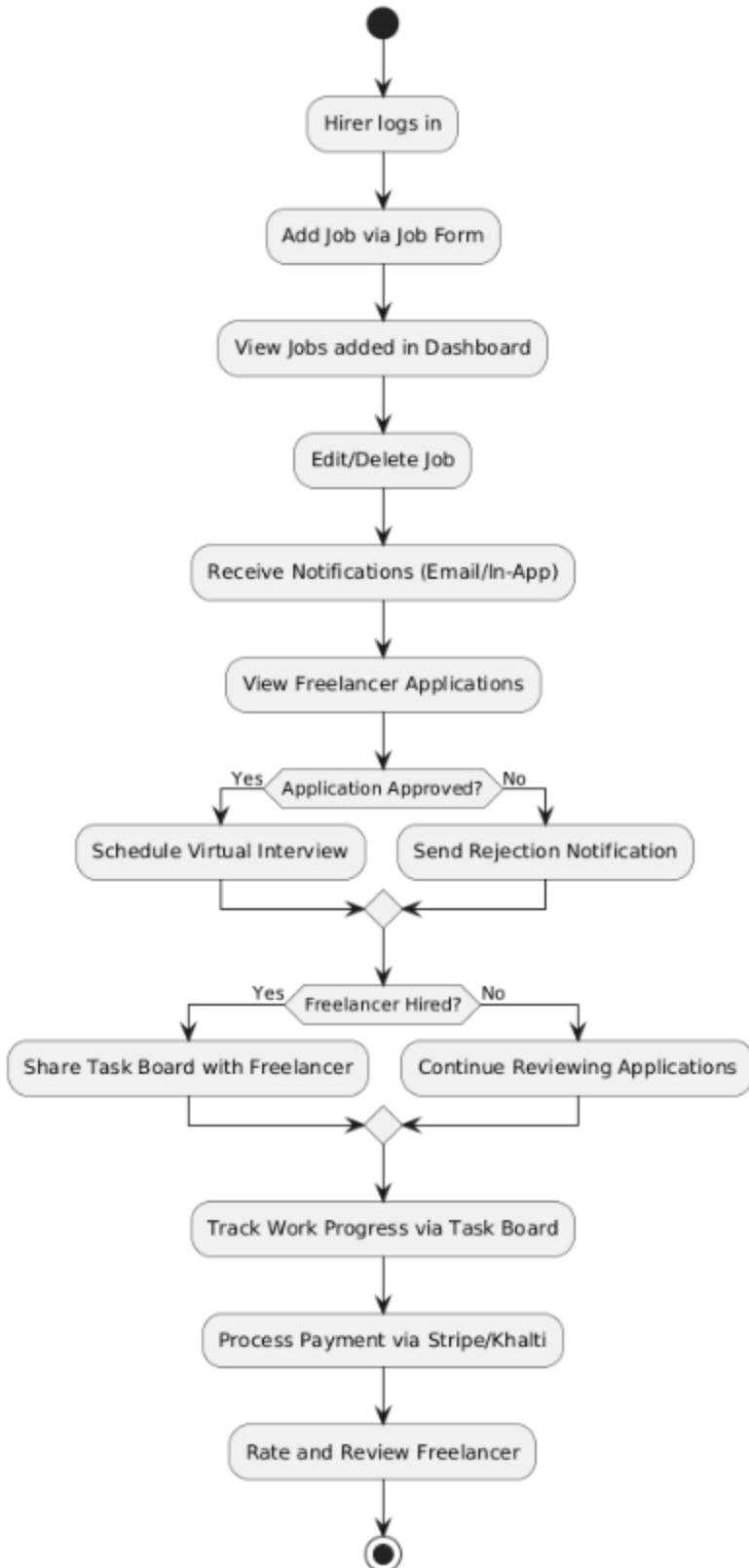
3.3. Hirer Management System

Req. Code	Requirement Description	Requirement Type	Priority
HMS-F-1.0	Hirers can log in and access their dashboard.	FR	Must Have
HMS-F-2.0	Hirers can add and manage job listings.	FR	Must Have
HMS-F-3.0	Hirers can receive notifications via email or in-app.	FR	Should Have
HMS-F-4.0	Hirers can view and manage job applications.	FR	Must Have
HMS-F-5.0	Hirers can approve/reject applications and schedule interviews.	FR	Must Have
HMS-F-6.0	Approved candidates share a task board with hirers.	FR	Must Have
HMS-F-7.0	Hirers can process payments via Stripe or Khalti.	FR	Must Have
HMS-NF-1.0	The hirer dashboard should load within 2 seconds.	NFR	Must Have



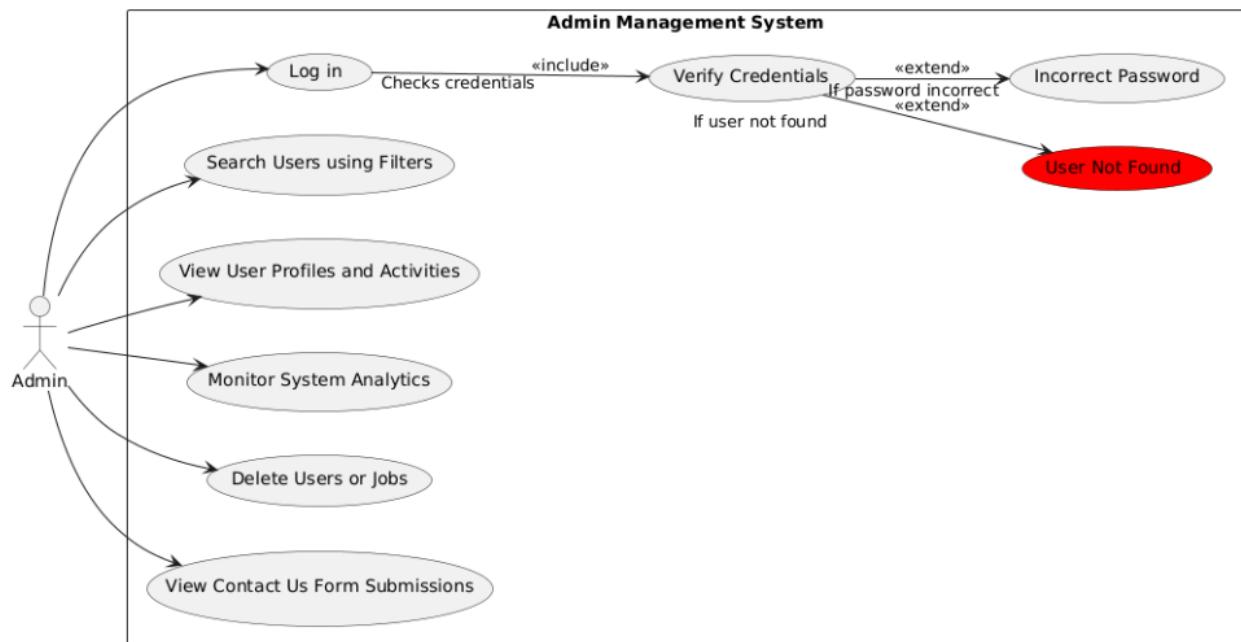
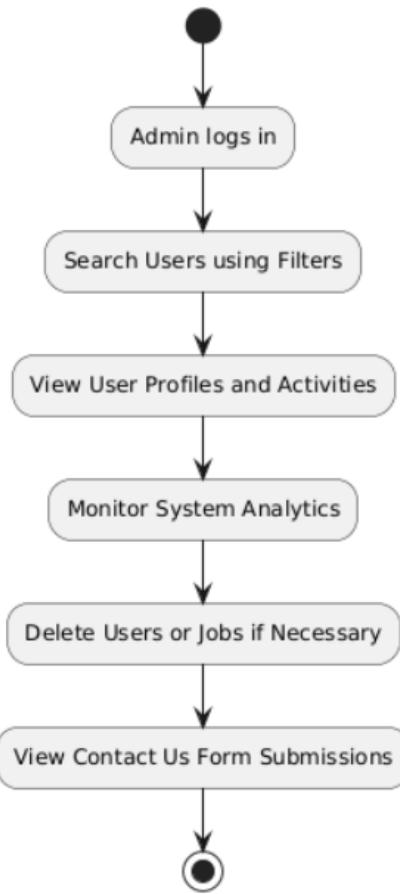
Hirer Management System

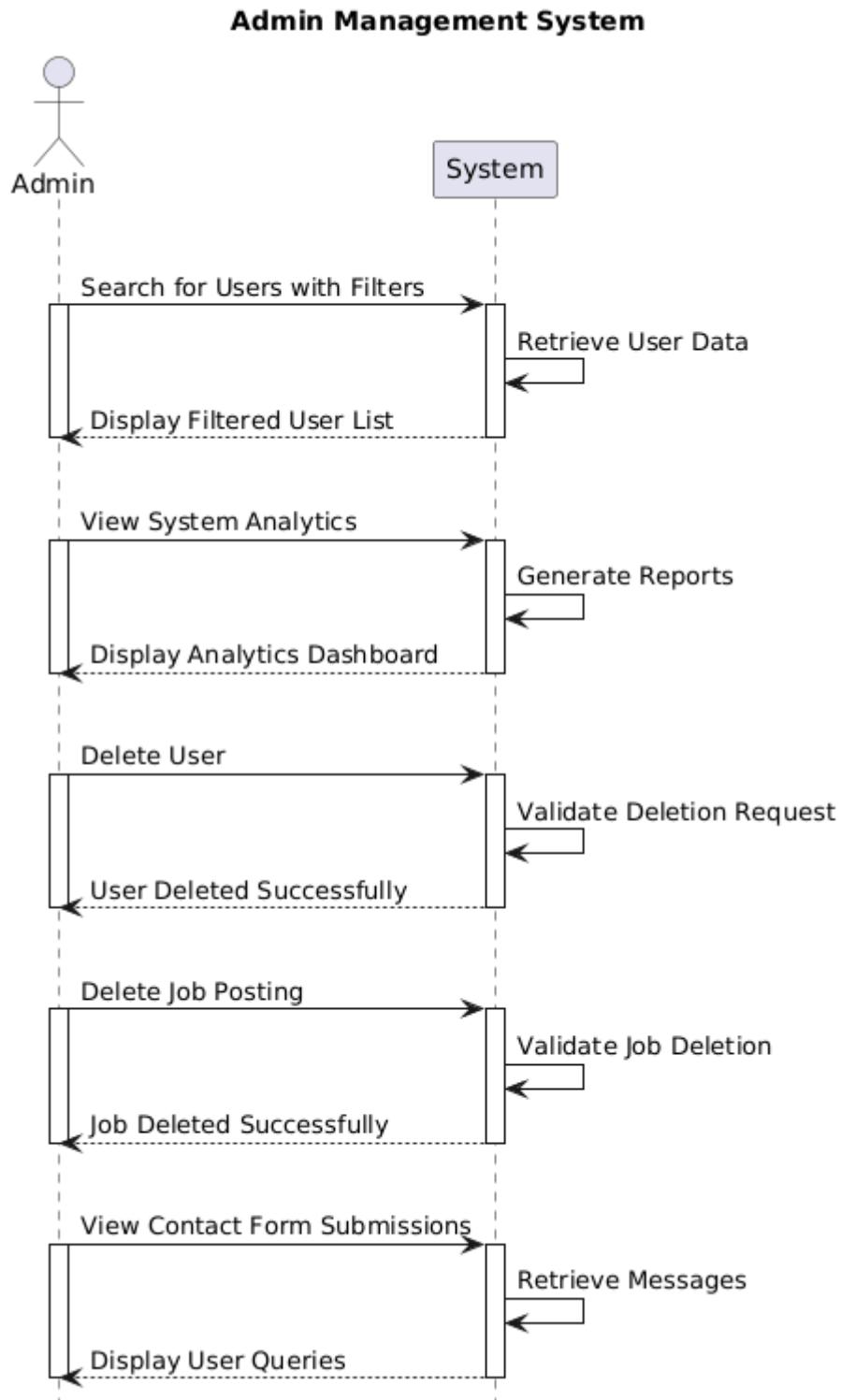




3.4. Admin Management System

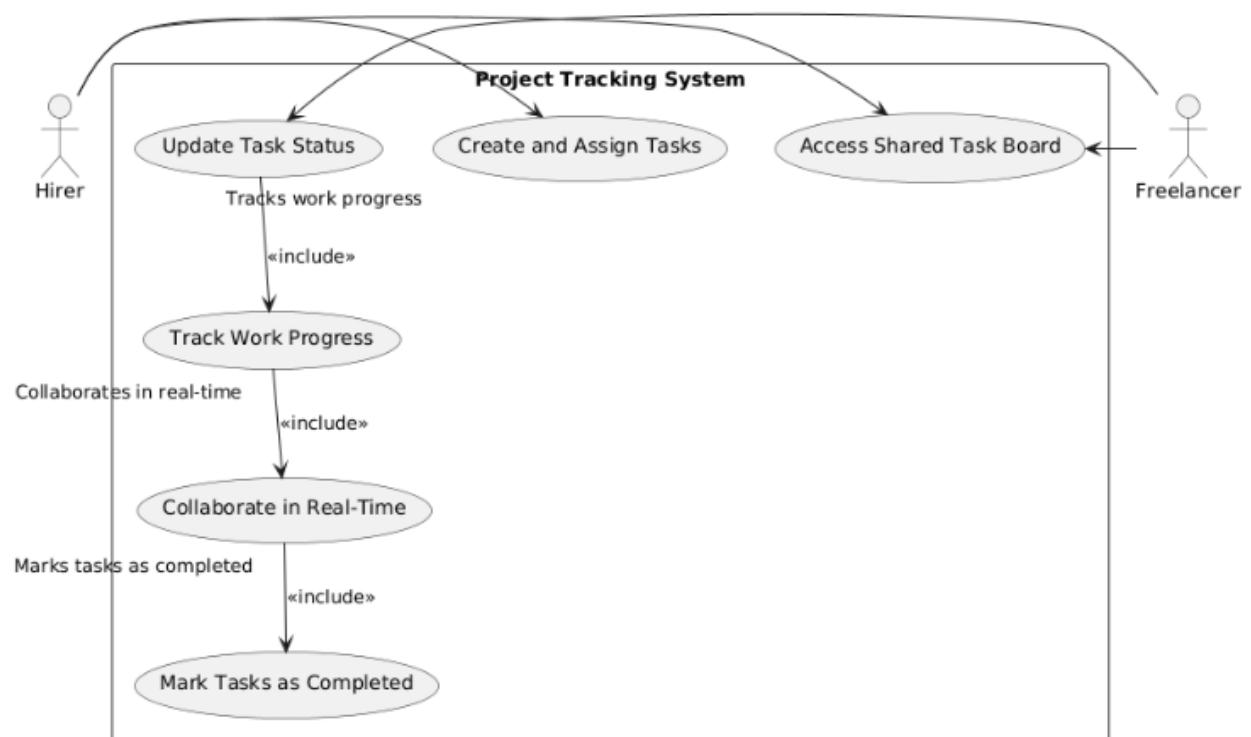
Req. Code	Requirement Description	Requirement Type	Priority
AMS-F-1.0	Admins can log in and access the admin dashboard.	FR	Must Have
AMS-F-2.0	Admins can search for users using filters.	FR	Must Have
AMS-F-3.0	Admins can view analytics on user engagement and platform usage.	FR	Should Have
AMS-F-4.0	Admins can delete users or jobs.	FR	Must Have
AMS-F-5.0	Admins can view contact forms submitted by users.	FR	Must Have
AMS-NF-1.0	The system should log admin actions for accountability.	NFR	Must Have

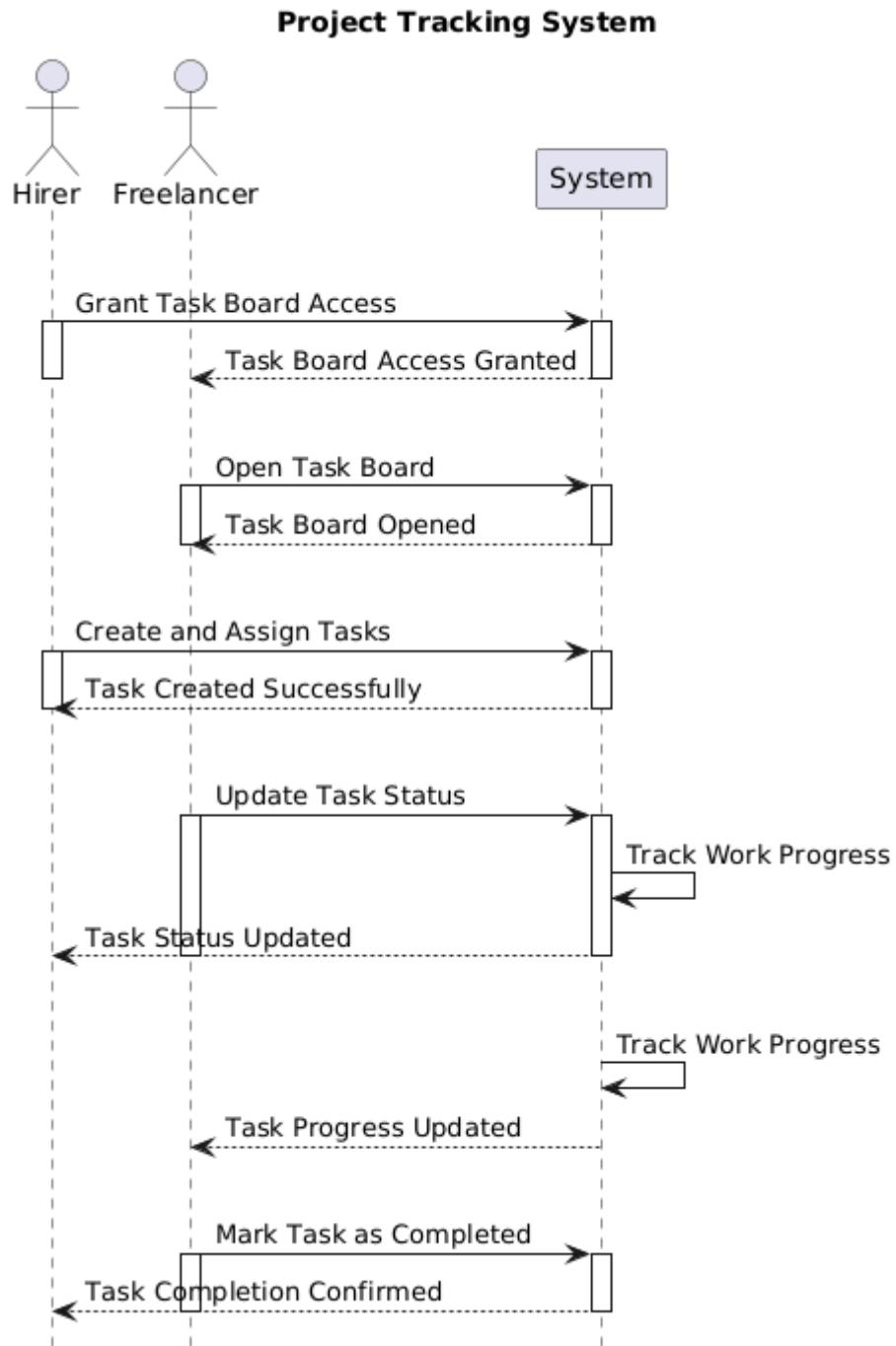




3.5. Project Tracking System

Req. Code	Requirement Description	Requirement Type	Priority
PTS-F-1.0	Users can create virtual task boards.	FR	Must Have
PTS-F-2.0	Users can set deadlines and track task status (To-Do, In Progress, Done).	FR	Must Have
PTS-F-3.0	Task boards should display task indicators.	FR	Should Have
PTS-NF-1.0	The task board should support real-time updates between freelancer and hirer.	NFR	Must Have
PTS-UR-1.0	The task board should be user-friendly and support drag-and-drop functionality.	UR	Should Have

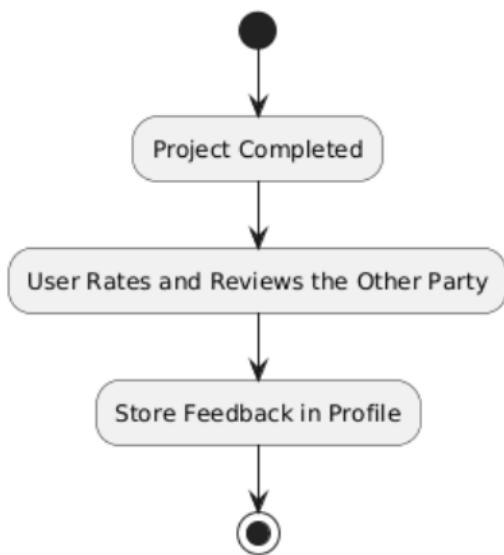




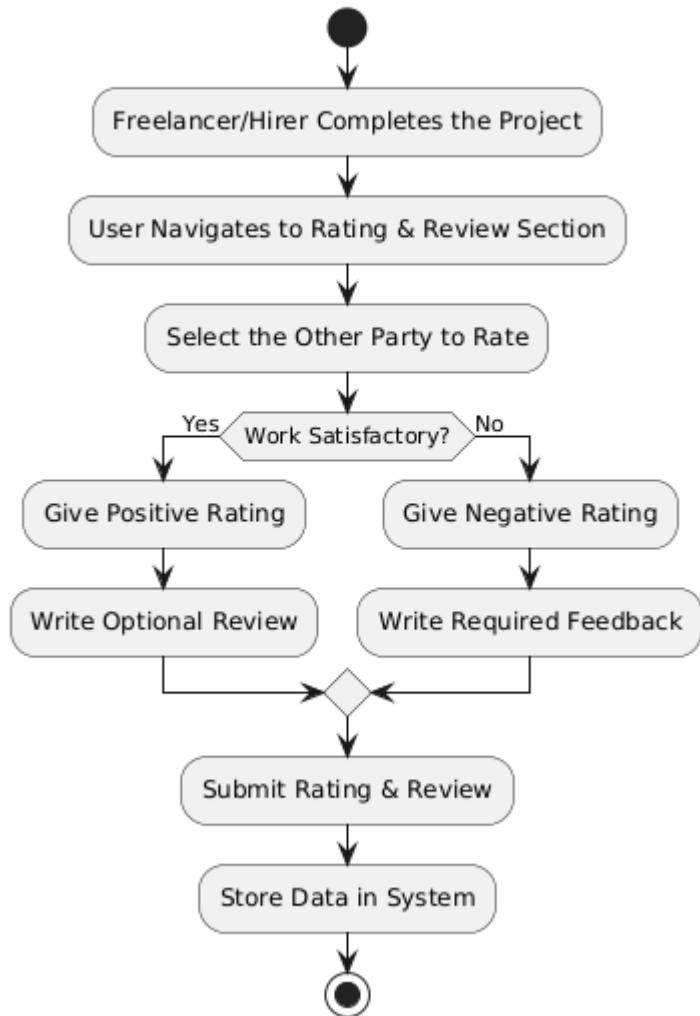
3.6. Rating and Review System

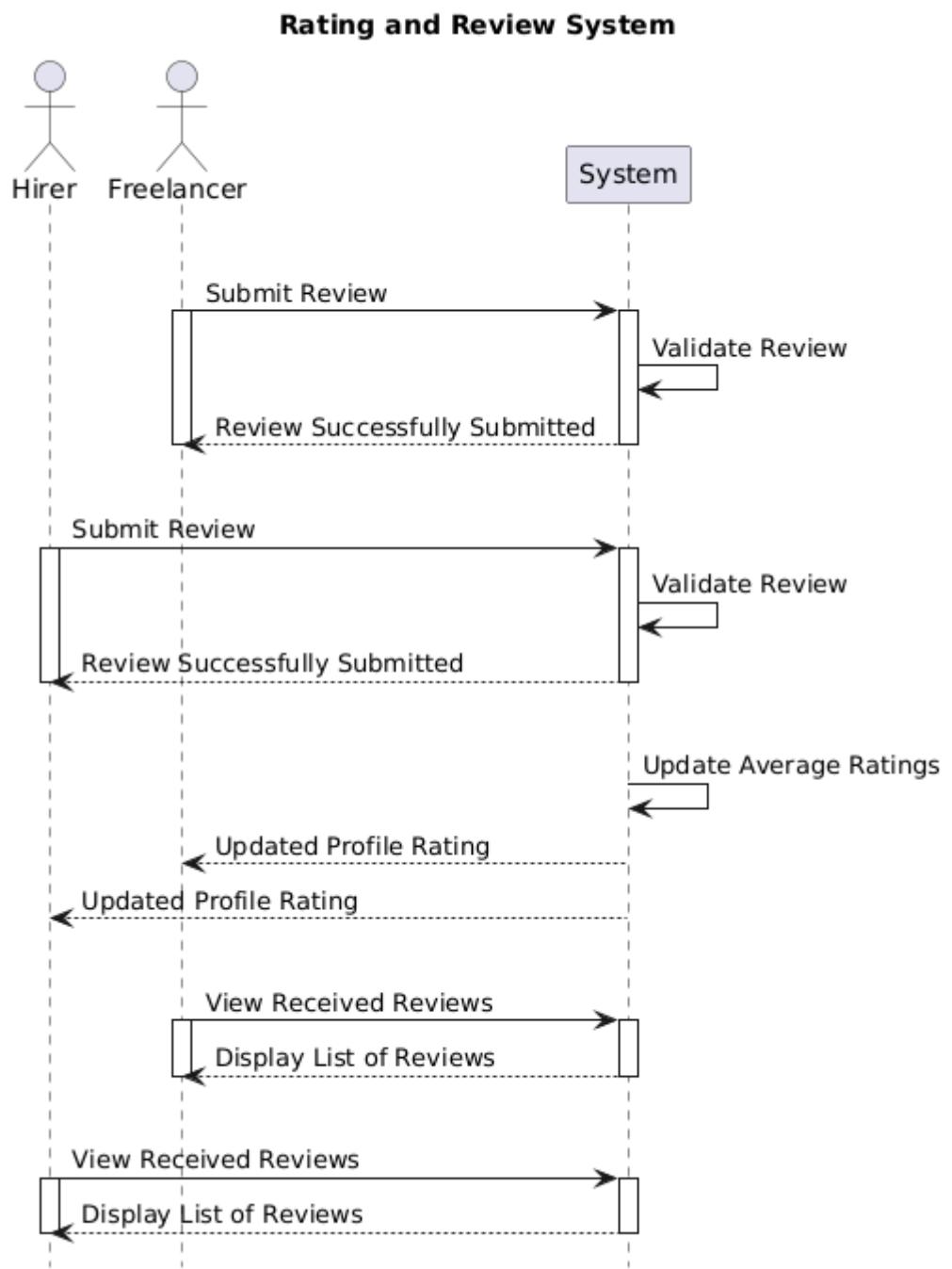
Req. Code	Requirement Description	Requirement Type	Priority

RRS-F-1.0	Users can rate each other after or during task completion.	FR	Must Have
RRS-F-2.0	Users can provide written reviews along with ratings.	FR	Should Have
RRS-NF-1.0	The system should prevent spam or duplicate reviews.	NFR	Should Have



Rating and Review System

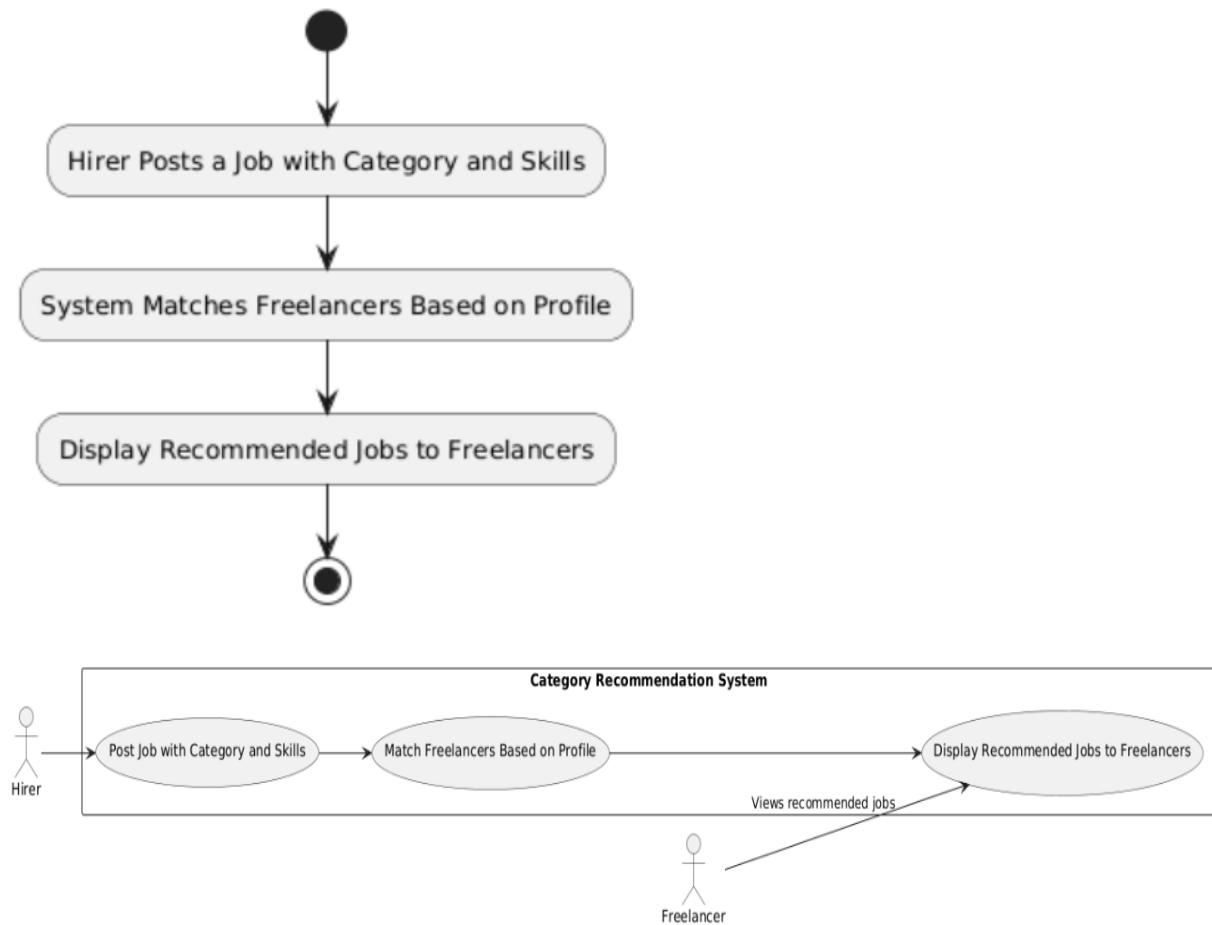


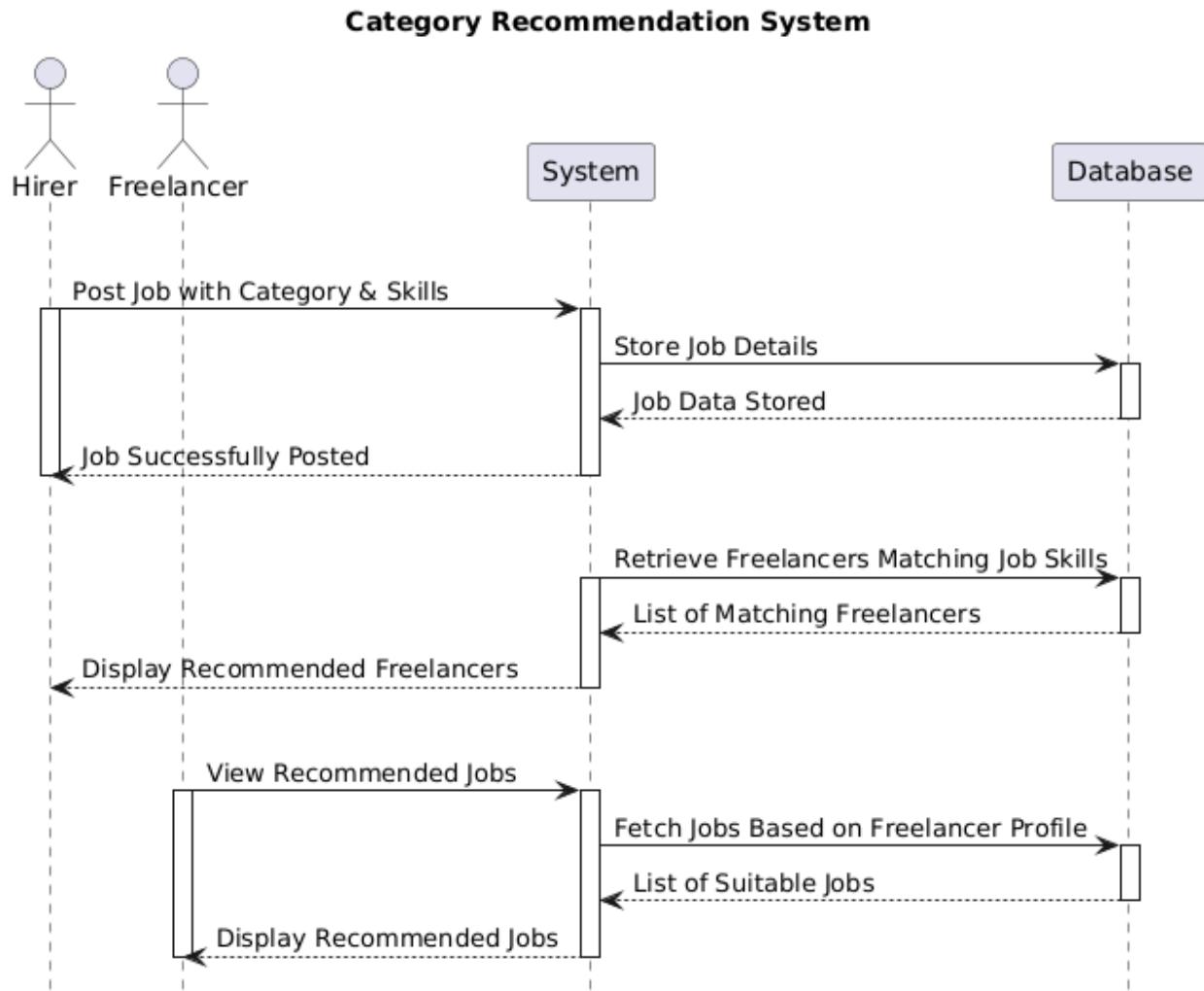


3.7. Category Recommendation System

Req. Code	Requirement Description	Requirement Type	Priority

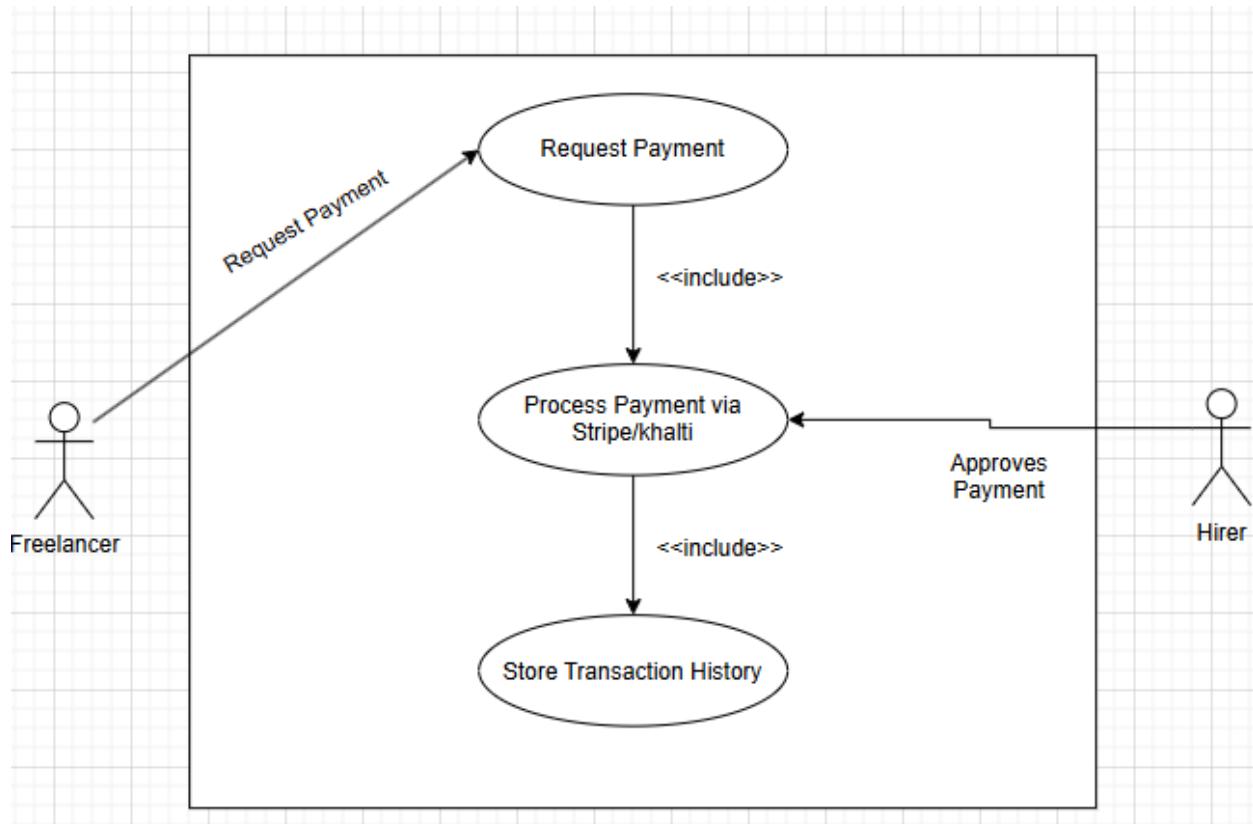
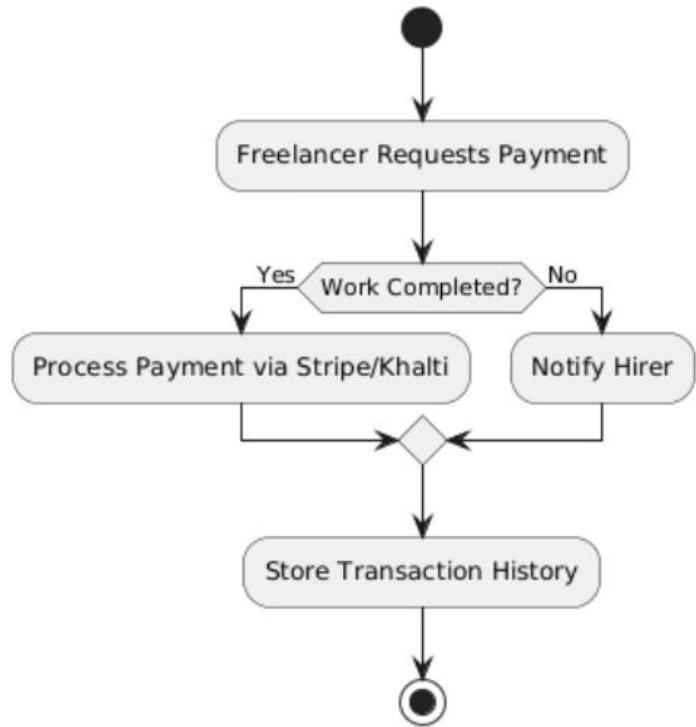
CRS-F-1.0	Hirers must select a category when posting a job.	FR	Must Have
CRS-F-2.0	System matches jobs to freelancer profiles based on category.	FR	Must Have
CRS-F-3.0	Personalized job recommendations appear on freelancer dashboards.	FR	Should Have
CRS-NF-1.0	System should update recommendations dynamically.	NFR	Should Have

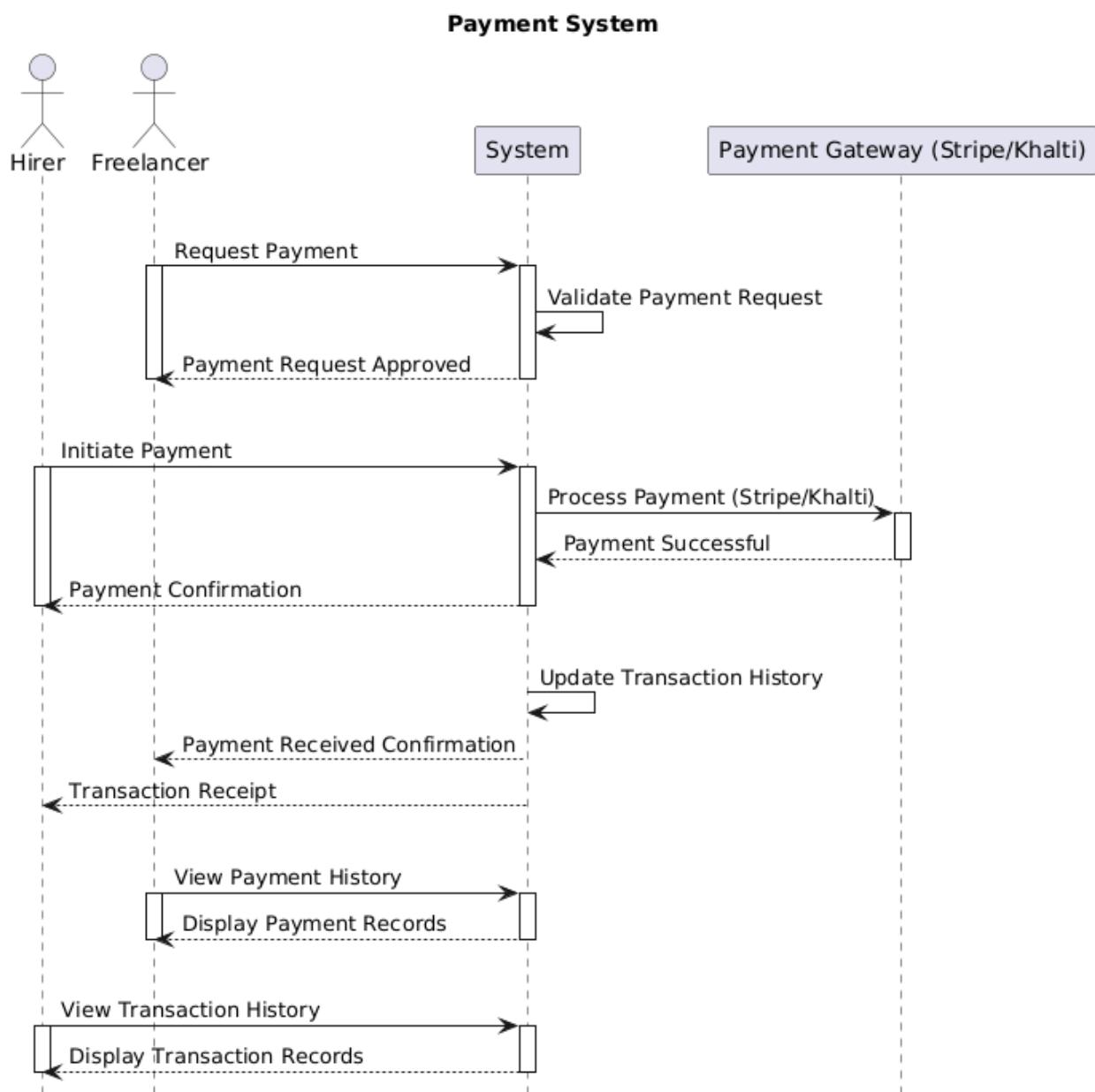




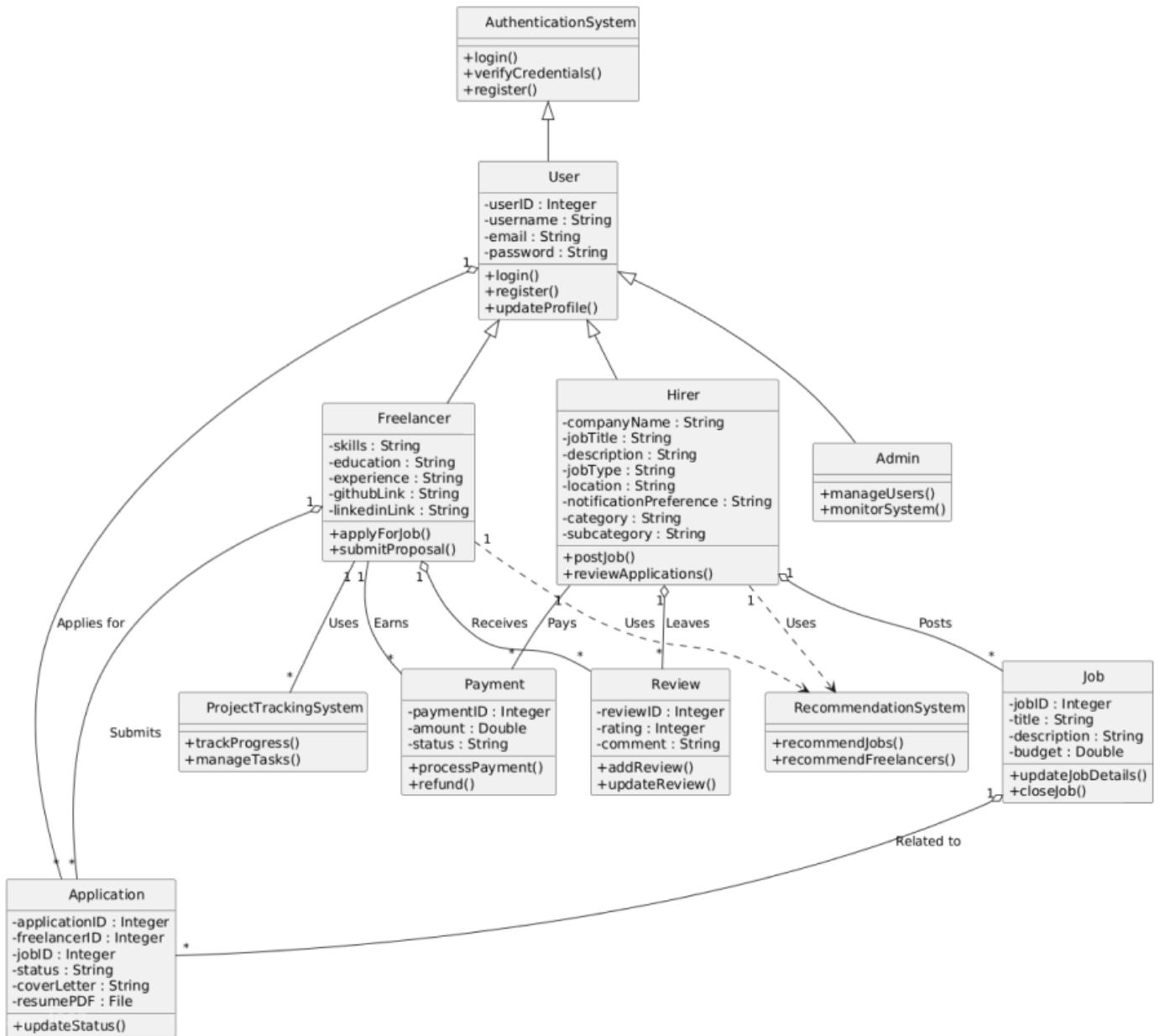
3.8. Payment System

Req. Code	Requirement Description	Requirement Type	Priority
PS-F-1.0	Hirers can pay freelancers via Stripe or Khalti.	FR	Must Have
PS-F-3.0	Payment records must be stored for auditing.	FR	Should Have
PS-NF-1.0	Transactions should be encrypted for security.	NFR	Must Have

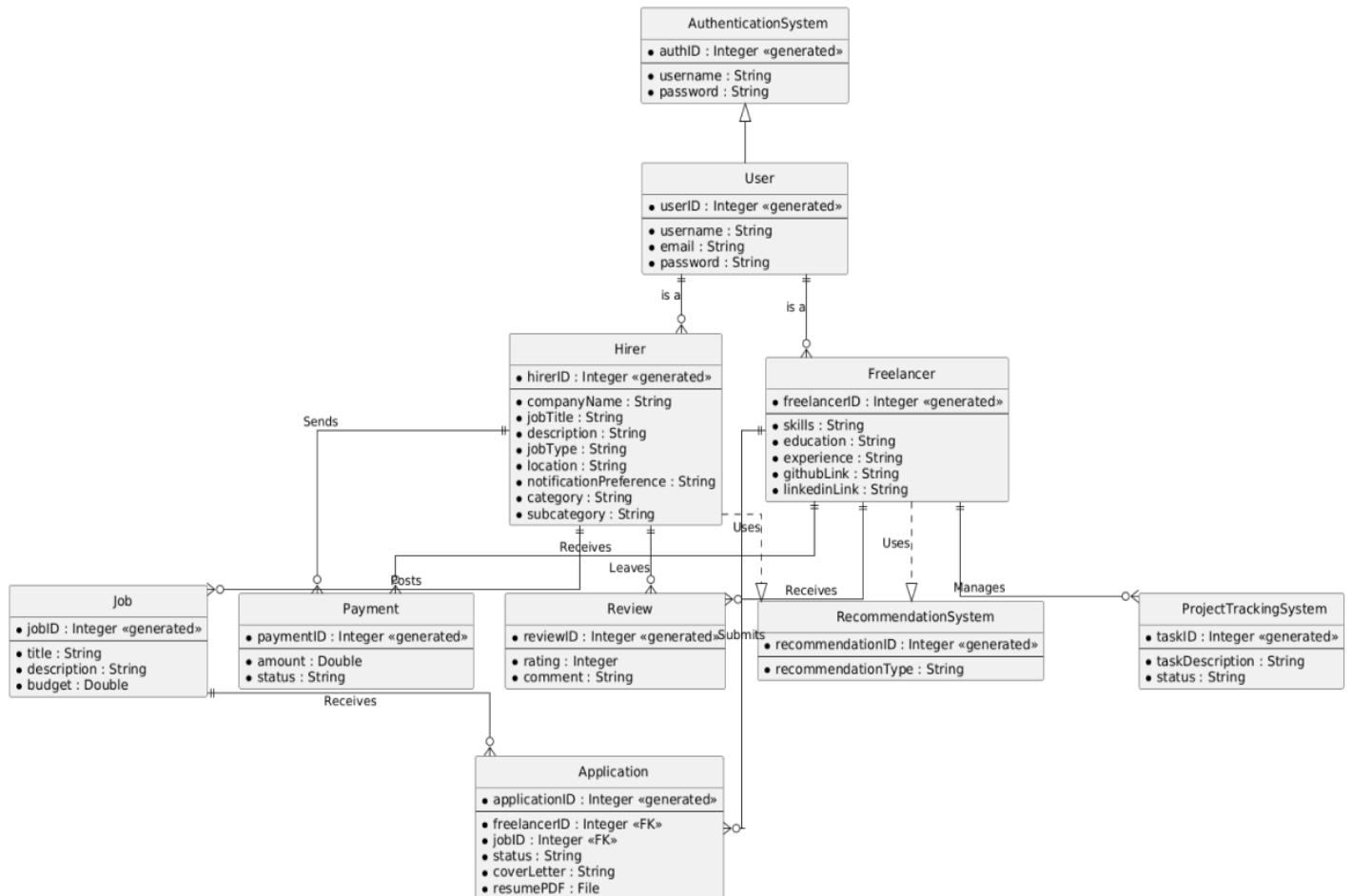




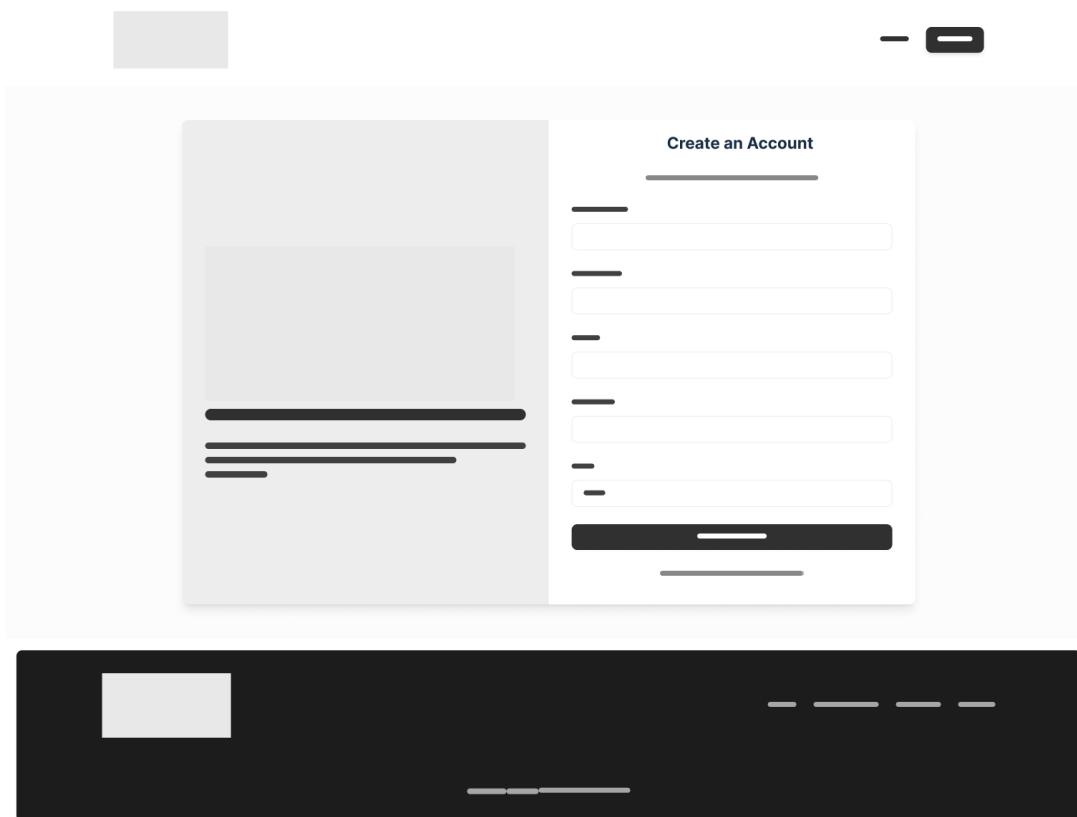
4. System Class Diagram



5. System Entity Relationship Diagram



6. System Wireframe (Low Fidelity)



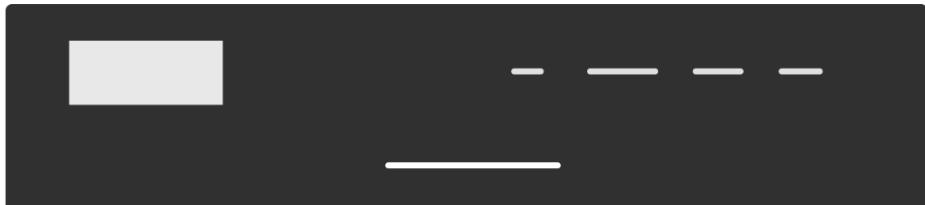
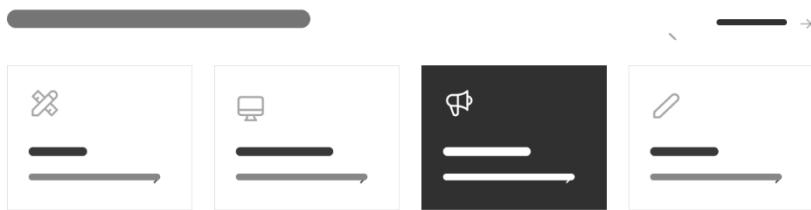
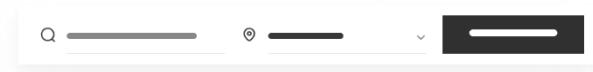


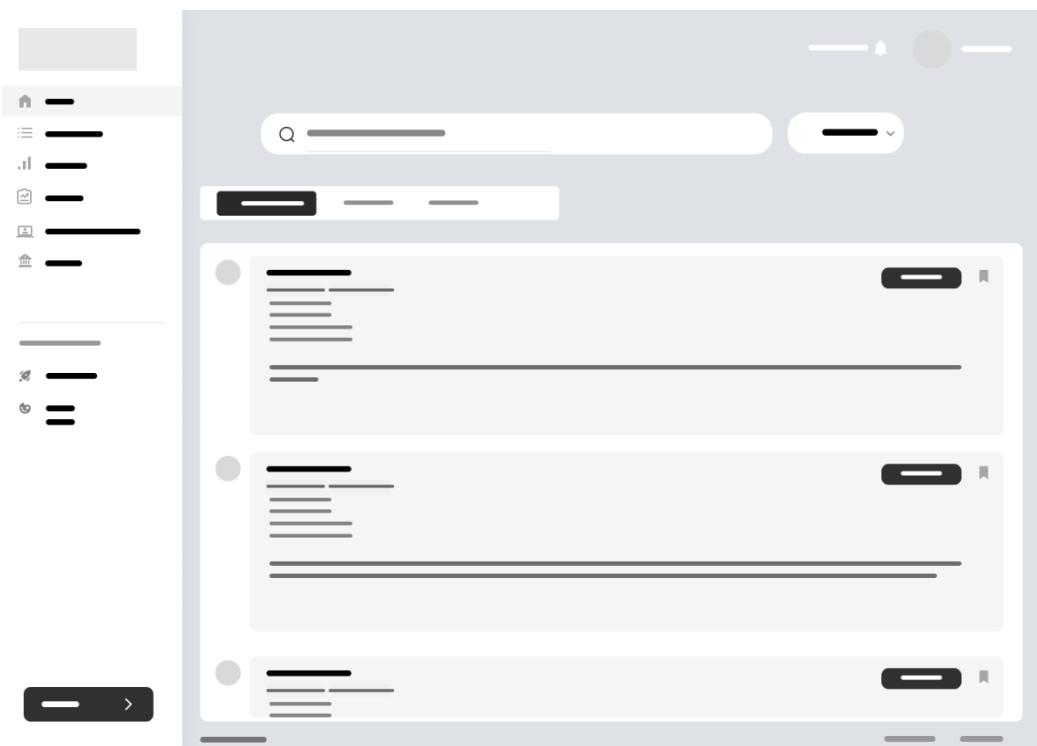
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A small black icon consisting of two horizontal bars, one above the other, positioned in the top-right corner of the screen.

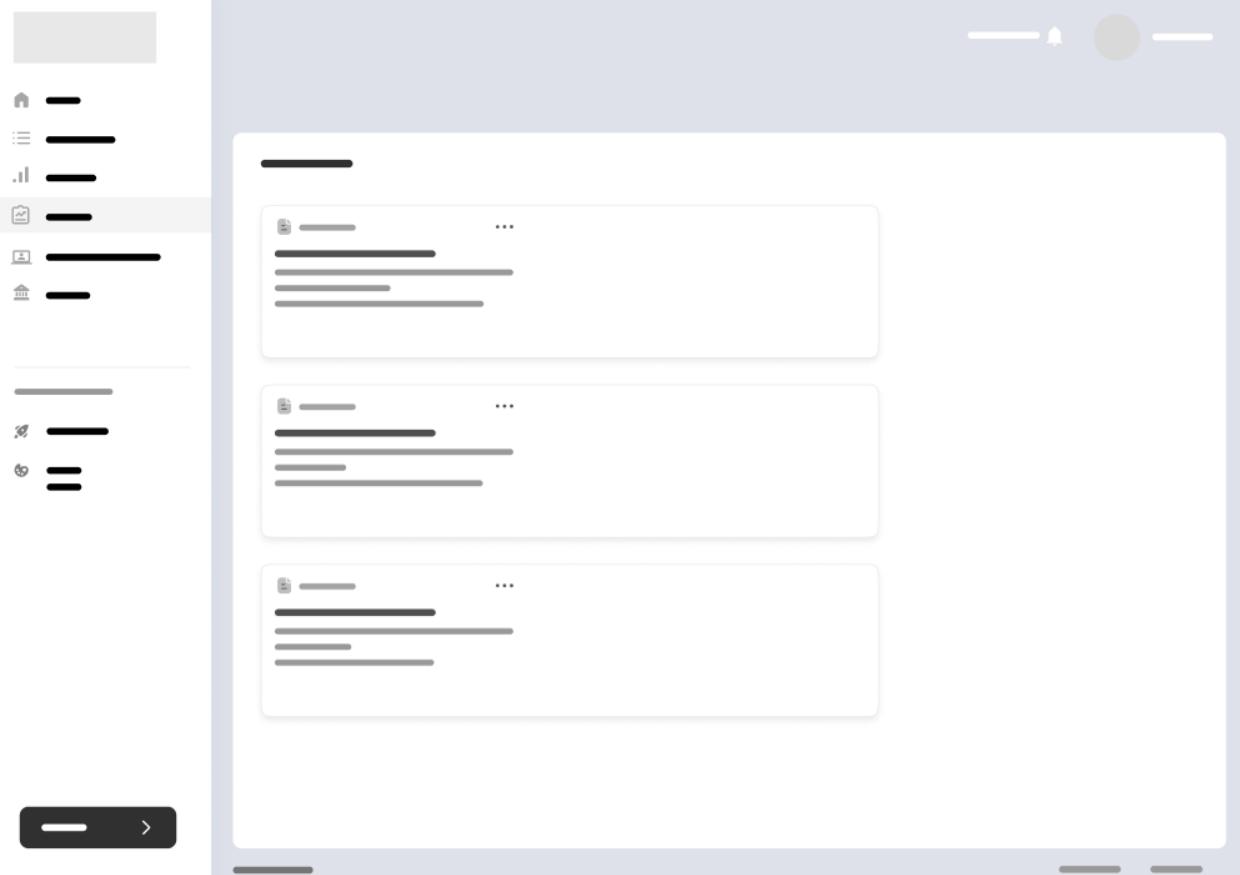
Sign in to your account

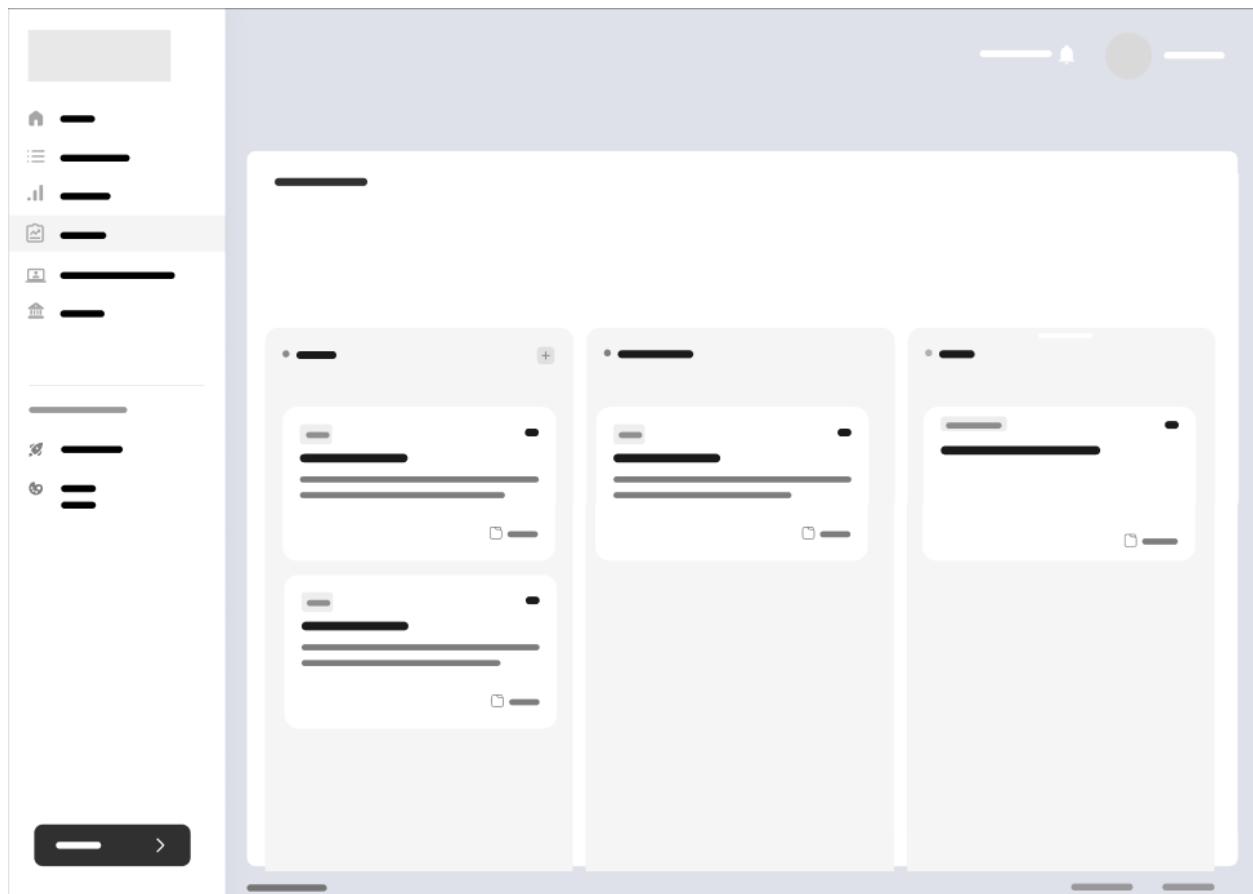
A large, solid black rectangular area that covers the lower half of the screen, obscuring all content below the sign-in form. It appears to be a redaction or a placeholder for additional content.

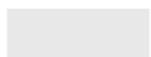


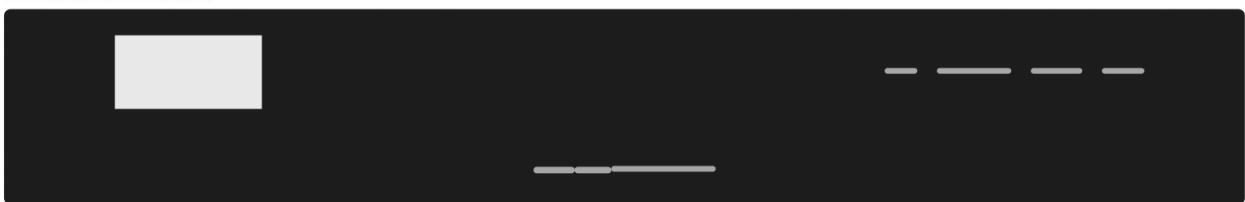
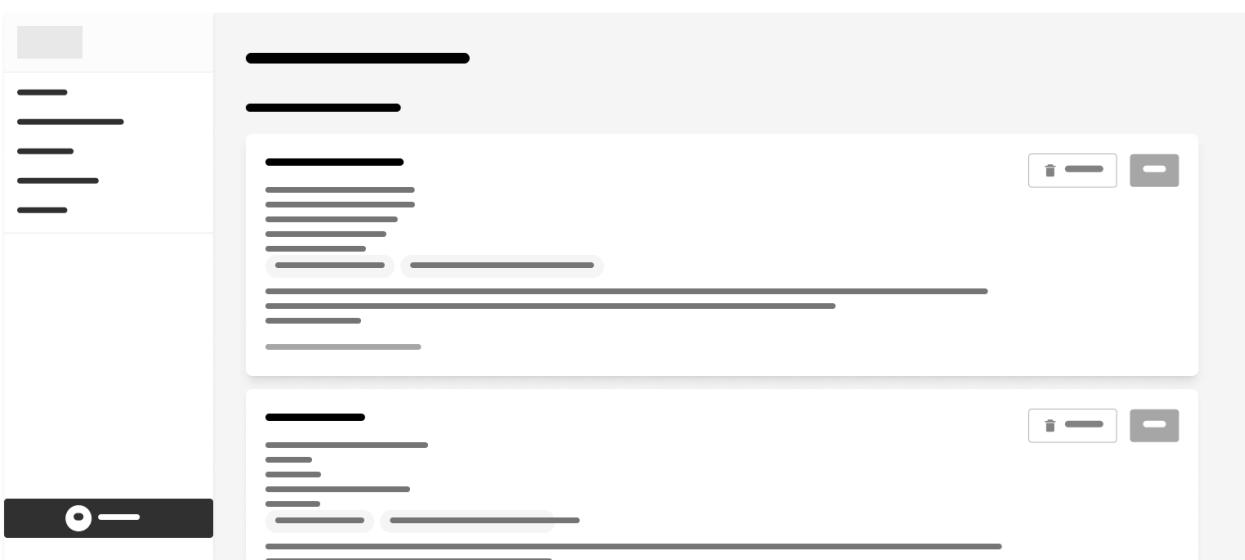


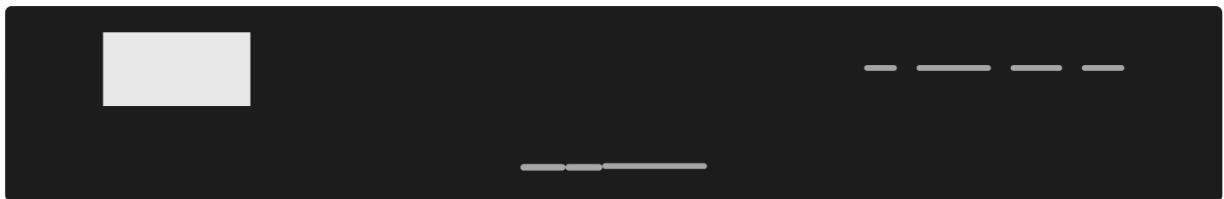


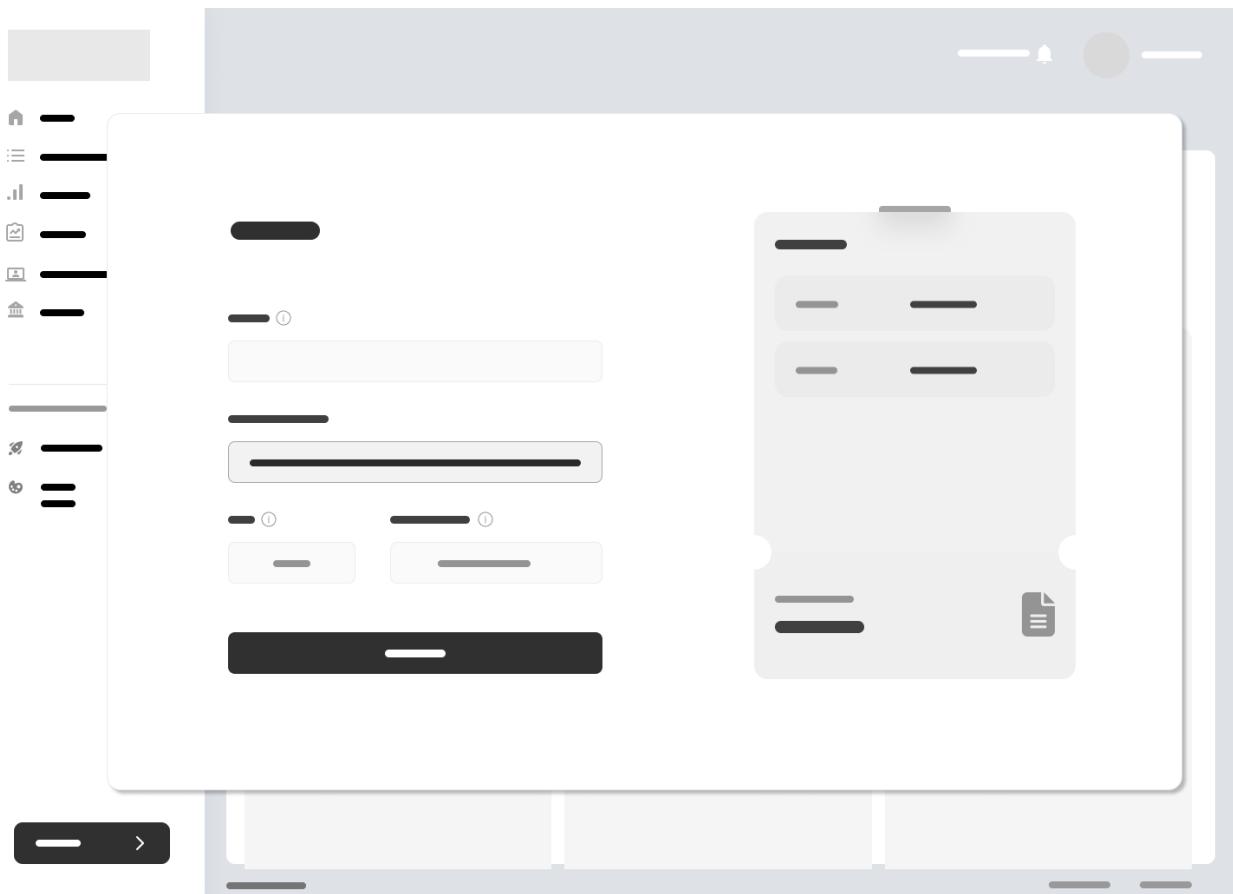


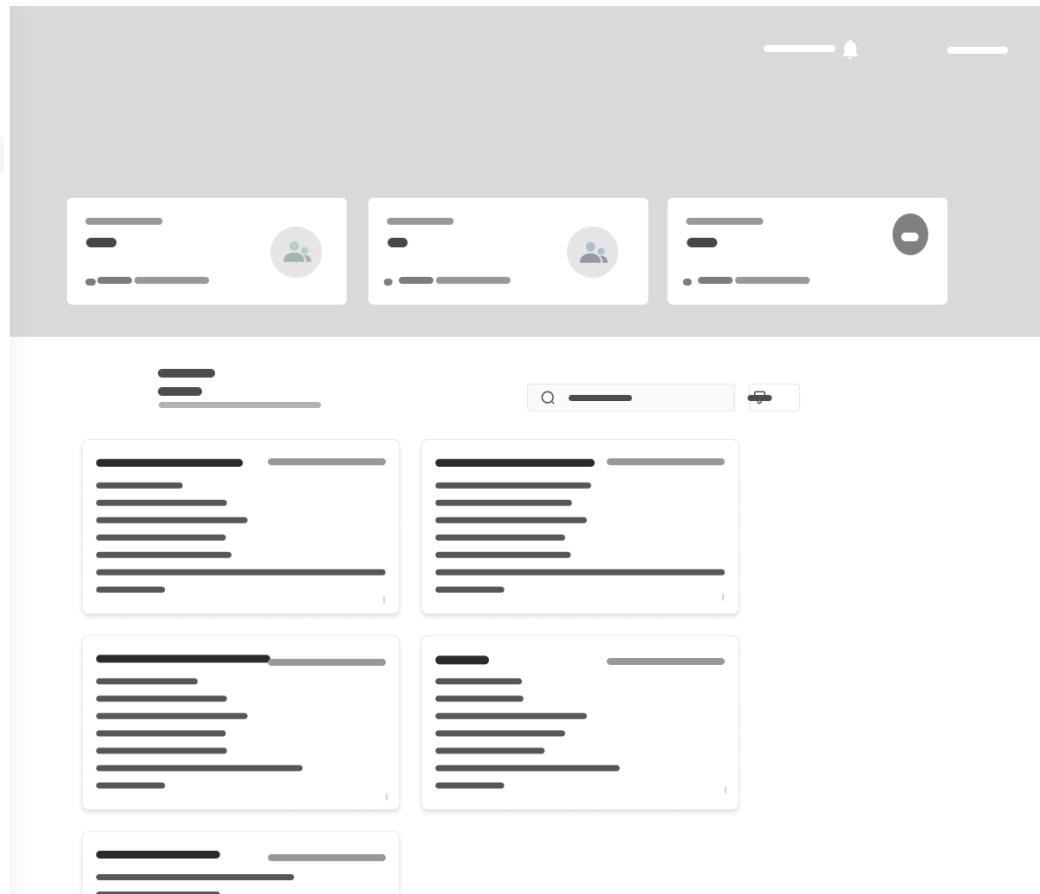
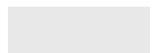


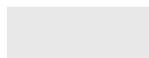








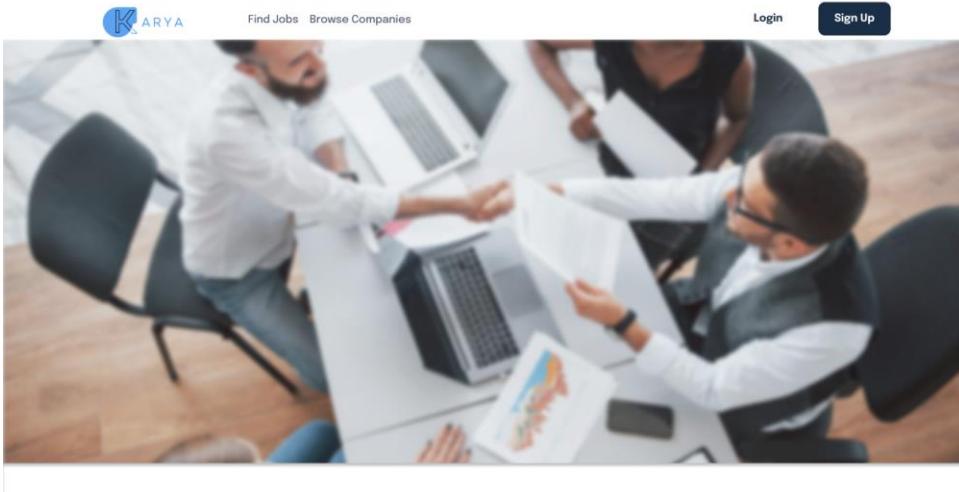




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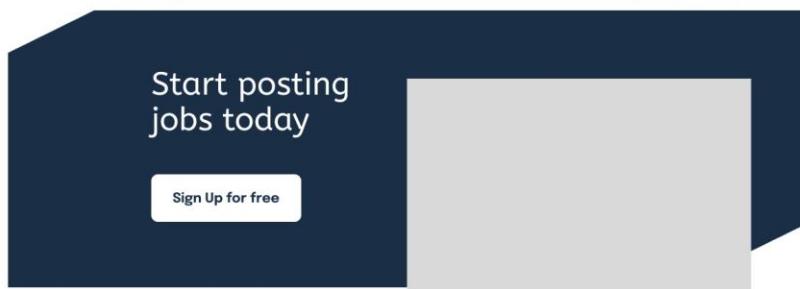
7. System Design



Great platform for the job seeker that searching for new career heights and passionate about startups.

Job title or keyword Florence, Italy

Popular : UI Designer, UX Researcher, Android, Admin



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Sign up

Sign in to your account

Welcome back! Please enter your credentials to continue.

Email address

Password

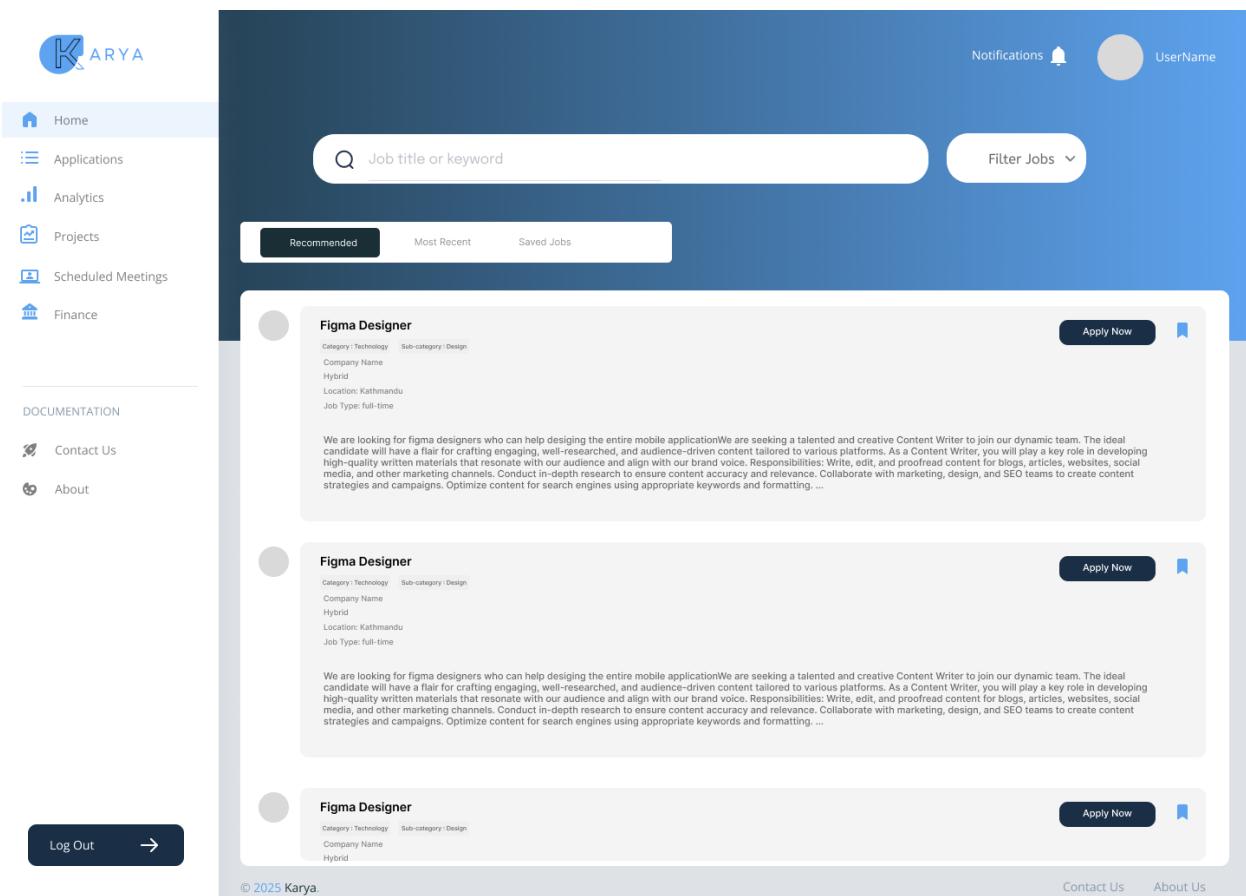
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The image shows a mockup of a job search platform interface. At the top left is the Karya logo. On the right, there are 'Notifications' with a bell icon and a placeholder 'UserName'. The main header includes a search bar ('Job title or keyword') and a 'Filter Jobs' button. Below the header is a navigation bar with tabs: 'Recommended' (selected), 'Most Recent', and 'Saved Jobs'. The main content area displays three job listings for 'Figma Designer' with identical details:

Figma Designer

Category : Technology Sub-category : Design
Company Name
Hybrid
Location: Kathmandu
Job Type: full-time

We are looking for figma designers who can help designing the entire mobile applicationWe are seeking a talented and creative Content Writer to join our dynamic team. The ideal candidate will have a flair for crafting engaging, well-researched, and audience-driven content tailored to various platforms. As a Content Writer, you will play a key role in developing high-quality written materials that resonate with our audience and align with our brand voice. Responsibilities: Write, edit, and proofread content for blogs, articles, websites, social media, and other marketing channels. Conduct in-depth research to ensure content accuracy and relevance. Collaborate with marketing, design, and SEO teams to create content strategies and campaigns. Optimize content for search engines using appropriate keywords and formatting. ...

Figma Designer

Category : Technology Sub-category : Design
Company Name
Hybrid
Location: Kathmandu
Job Type: full-time

We are looking for figma designers who can help designing the entire mobile applicationWe are seeking a talented and creative Content Writer to join our dynamic team. The ideal candidate will have a flair for crafting engaging, well-researched, and audience-driven content tailored to various platforms. As a Content Writer, you will play a key role in developing high-quality written materials that resonate with our audience and align with our brand voice. Responsibilities: Write, edit, and proofread content for blogs, articles, websites, social media, and other marketing channels. Conduct in-depth research to ensure content accuracy and relevance. Collaborate with marketing, design, and SEO teams to create content strategies and campaigns. Optimize content for search engines using appropriate keywords and formatting. ...

Figma Designer

Category : Technology Sub-category : Design
Company Name
Hybrid

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At the bottom left is a 'Log Out' button with a right arrow. At the bottom right are links for 'Contact Us' and 'About Us'. The footer also contains the copyright information: '© 2025 Karya.'



Notifications



UserName

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Apply for the job

Name

Type here

Email

Figma Designer
Type here

LinkedIn Profile

Type here

Skills

Type here

Cover Letter (Answer why do you want this job in 100 words)

Type here

Resume

Choose File

[Log Out](#)Category : Technology | Sub-category : Design
Company Name
Hybrid

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Figma Designer

Category: Technology Sub-category: Design
Company Name
Hybrid
Location: Kathmandu
Job Type: full-time

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CV/Resume

Figma Designer

Category: Technology Sub-category: Design
Company Name
Hybrid
Location: Kathmandu
Job Type: full-time

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CV/Resume

Figma Designer

Category: Technology Sub-category: Design
Company Name
Hybrid
Location: Kathmandu
Job Type: full-time

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Job Applications > Job Status

Figma Designer

Category: Technology Sub-category: Design
Company Name: Hybrid
Location: Kathmandu
Job Type: full-time

Application Status

```
graph TD; A(( )) --> B(( )); B --> C(( )); C --> D(( ));
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The flowchart illustrates the job application process:

- Application Submitted**: Represented by a circle with a checkmark.
- Application Viewed**: Represented by a circle with a blue outline.
- Pending**: Represented by a circle with a grey outline.
- Application Approved / Rejected**: Represented by an empty circle.

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Projects
Scheduled Meetings
Finance

DOCUMENTATION
Contact Us
About

Log Out →

Notifications UserName

Analytics

PERFORMANCE

Total projects





Home
Applications
Analytics
Projects
Scheduled Meetings
Finance

DOCUMENTATION

Contact Us
About

Log Out



Notifications UserName

My Projects

Apr 2, 2023

Job Title dbcdj cjb dj
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut id dui mi. Fusce varius bibendum ante, non lacinia. Nulla usasc ce variu
storem ipsum dolor sit amet.

Apr 2, 2023

Job Title dbcdj cjb dj
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut id dui mi. Fusce varius bibendum ante, non lacinia. Nulla usasc ce variu
storem ipsum dolor sit amet.

Apr 2, 2023

Job Title dbcdj cjb dj
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut id dui mi. Fusce varius bibendum ante, non lacinia. Nulla usasc ce variu
storem ipsum dolor sit amet.

© 2025 Karya. [Contact Us](#) [About Us](#)



Home
Applications
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Projects
Scheduled Meetings
Finance

DOCUMENTATION
Contact Us
About

Log Out →

My Projects

To Do (4)

In Progress (3)

Done (2)

Brainstorming
Brainstorming brings team members' diverse experience into play.
0 files

Brainstorming
Brainstorming brings team members' diverse experience into play.
0 files

Mobile App Design
Completed
15 files

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Contact Us | About Us

The screenshot shows the KARYA application's main dashboard. On the left, there is a sidebar with the KARYA logo at the top. Below it are several navigation items: Home, Applications, Analytics, Projects, Scheduled Meetings (which is currently selected and highlighted in blue), and Finance. Under the 'DOCUMENTATION' heading, there are links for Contact Us and About. At the bottom of the sidebar is a 'Log Out' button with a right-pointing arrow. The main content area has a dark blue header with 'Notifications' and a bell icon, and a user profile placeholder 'UserName'. Below the header, a large white box contains the 'Meetings Today' section. It features a heading 'Meeting today at 10:30 A.M.' followed by a brief description: 'Brainstorming brings team members' diverse experience into play.' There is a 'Job Title' input field and a 'Join Now' button with a Google Meet icon. Below this, another section titled 'Upcoming Meetings' is visible. At the bottom of the main content area, there is a footer bar with links for Contact Us and About Us.

The screenshot shows the KARYA application's job posting section. On the left, there is a sidebar with the KARYA logo at the top. Below it are several navigation items: Add Jobs, View Applications, Analytics, Notifications, and Projects. At the bottom of the sidebar is a 'Log Out' button with a right-pointing arrow. The main content area has a dark blue header with 'Notifications' and a bell icon, and a user profile placeholder 'UserName'. Below the header, a large white box contains the 'Jobs Added by You' section. It features a heading 'Software Engineer' followed by a detailed job description: Company: TechNepal Pvt. Ltd., Workplace Type: Onsite, Location: Kathmandu, Nepal, Job Type: Full-time. It includes category information (Category: Technology, Subcategory: Software Development) and a note about the ideal candidate's experience in developing web applications using modern technologies like React, Node.js, and MongoDB. There are 'Delete' and 'Edit' buttons for this listing. Below this, another job listing for 'Content Writer' is shown, with similar details: Company: Nepal Creative Media, Workplace Type: Onsite, Location: Lalitpur, Job Type: Part-time. It includes category information (Category: Writing, Subcategory: Technical Writing) and a note about the ideal candidate's writing skills in English and Nepali, along with experience in SEO and digital marketing. There are also 'Delete' and 'Edit' buttons for this listing. At the bottom of the main content area, there is a footer bar with links for About, Privacy Policy, Licensing, and Contact.



Add Jobs

View Applications

Analytics

Notifications

Projects

Hirer1

Add a New Job

Job Title
Enter job title

Company
Enter company name

Workplace Type
Onsite

Employee Location
Enter location

Job Type
Full-time

Category
Select a Category

Subcategory
Select a Subcategory

Notification Preference
In-app

Job Description
Enter job description

Add Job





Notifications



UserName

Home

Application

Analytics

Projects

Scheduled

Finance

DOCUMENTATION

Contact Us

About

Stripe

Name

Card Number

1 2 3 4 - - - - - - - - - -

CCV

- - -

Expiry Date

A A / YY

Pay Now

Payment

Paid By User hsfjdfs

Paid To User hsfjdfs

Total Amount

Rs. 5600



Log Out



© 2025 Karya.

Contact Us About Us



Home
Manage Jobs
Analytics

Contact Support
User contacts
About

Log Out

Notifications UserName

TOTAL USERS 350 ▲ 3.48% Since last use

NEW USERS 23 ▼ 3.48% Since last use

TOTAL POSTS 924 ▼ 1.10% Since last use

All Users

Card tables Monitor users, posts, etc.

Users	Email	Profile Status	Registered On
User Name	Hirer@gmail.com	• pending	
User Name	hhdfg@gmail.com	• completed	
User Name	hhdfg@gmail.com	• pending	
User Name	hhdfg@gmail.com	• pending	
User Name	hhdfg@gmail.com	• completed	

1 2 3 >

The screenshot shows the KARYA platform's user interface. At the top, there is a navigation bar with the KARYA logo, a notifications icon, and a user profile placeholder labeled "UserName". Below the navigation bar, the main menu includes "Home", "Manage Jobs" (which is currently selected), and "Analytics". On the left side, there is a sidebar with links for "Contact Support", "User contacts", and "About". The main content area is titled "All Jobs" and displays several job listings:

- Software Engineer** Added By hirer hirer
Company: Test
Location: kathmandu
Workplace Type: hybrid
Job Type: full-time
Category: Technology
Subcategory: Software Development
Posted By: [redacted]
- Frontend Developer** Added By hirer hirer
Company: Tech Solutions
Location: Biratnagar
Workplace Type: hybrid
Job Type: full-time
Category: Technology
Subcategory: Software Development
Posted By: [redacted]
- Marketing Specialist** Added By hirer hirer
Company: Ealcan
Location: Kathmandu
Workplace Type: Onsite
Job Type: Full-time
Category: Marketing
Subcategory: Digital Marketing
Posted By: [redacted]
- Writer** Added By hirer hirer
Company: Test
Location: Brt
Workplace Type: Onsite
Job Type: Full-time
Category: Design
Subcategory: Product Design
Posted By: [redacted]
- Content Writer** Added By hirer hirer
Company: Nepal Creative Media
[redacted]

At the bottom left, there is a "Log Out" button with a right-pointing arrow.

8. Testing

8.1. User Authentication

Test Case Title: User Registration

Test Case ID: TC1

Objective: To ensure role-based validation and security while user registration

TC_ID	Testcase Data	Steps	Expected Result	Actual Result	Remark
1	All Fields Empty	1. Navigate to Registration Page 2. Click Register with all fields empty	The system should display an error prompting the user to fill in all required fields	An error message appears stating that fields cannot be empty	Fulfilled
2	Invalid Email	1. Navigate to Registration Page 2. Enter all valid details except an email without @, e.g. testmail.com 3. Click Register	The system should display an error stating "Enter a valid email"	The error "Enter a valid email" is displayed	Fulfilled
3	Short Password (e.g. abc)	1. Enter valid email, first name, last name, and role 2. Type a password shorter than 8 characters (e.g., abc) 3. Click Register	The system <i>should</i> display an error that the password is too short or invalid	Currently, no errors are shown, and the user can register	Not Fulfilled
4	All Valid Details with role freelancer	1. Enter a valid first name, last name, email, role, and password 2. Click Register	Registration succeeds, and a confirmation message is displayed	User is successfully registered, message "User registered" appears	Fulfilled
5	All Valid Details with role hirer	1. Enter a valid first name, last name, email, role, and password 2. Click Register	Registration succeeds, and a confirmation message is displayed	User is successfully registered, message "User registered" appears	Fulfilled

The screenshot shows the Karya registration page. At the top right, there are 'Log in' and 'Sign up' buttons. Below them is a 'Create an Account' form. The form includes fields for First Name, Last Name, Email, Password, and Role (set to 'User'). A validation message 'Please fill out this field.' is displayed next to the Last Name input field. On the left side of the page, there's a logo and the text 'Join Karya Today' with a subtext about discovering opportunities and connecting with professionals.



Join Karya Today

Discover opportunities, track your progress, and connect with professionals. Start your journey now!

Create an Account

Please fill in the form below to register.

First Name

Last Name

Email

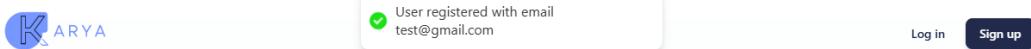
! Please enter a valid email address.

Password

Role

Create Account

Already have an account? [Login](#)



Sign in to your account

Welcome back! Please enter your credentials to continue.

Email address

Password

Sign in

Not a member? [Create an account](#)



Join Karya Today

Discover opportunities, track your progress, and connect with professionals. Start your journey now!

Create an Account

Please fill in the form below to register.

First Name

Last Name

Email

Password

Role

Create Account

Already have an account? [Login](#)



User registered with email
test1@gmail.com

Sign in to your account

Welcome back! Please enter your credentials to continue.

Email address

test@gmail.com

Password

....

Sign in

Not a member? [Create an account](#)

8.2. Test Case: Log In

Test Case Title: User Log In

Test Case ID: TC2

Objective: To ensure validation and security while user registration

TC_ID	Testcase Data	Steps	Expected Result	Actual Result	Remark
1	All Fields Empty	1. Navigate to the Login Page 2. Click "Log In" with no email or password entered	System should display an error message indicating all fields are required.	Displays Message "Email cannot be empty"	Fulfilled
2	Only Email	1. Enter a valid email (e.g., user@example.com) 2. Leave password blank 3. Click "Log In"	System should prompt "Password can't be empty"	"Password can't be empty" error appears	Fulfilled
3	Wrong Password	1. Enter a valid, registered email (e.g., test@gmail.com) 2. Enter an incorrect password 3. Click "Log In"	System should display a "Password not matched" or "Invalid credentials" error	"Invalid credentials" error is displayed	Fulfilled
4	Correct Credentials	1. Enter valid, registered email 2. Enter correct password 3. Click "Log In"	User is successfully logged in and redirected to their dashboard	User is redirected to dashboard	Fulfilled
5	Admin Login	1. Enter valid, registered admin email 2. Enter correct password 3. Click "Log In"	Admin is logged in successfully	User is redirected to dashboard	Fulfilled

 Email cannot be empty

Sign in to your account

Welcome back! Please enter your credentials to continue.

Email address

Password

Sign in

Not a member? [Create an account](#)

 Password cannot be empty

Sign in to your account

Welcome back! Please enter your credentials to continue.

Email address

test1@gmail.com

Password

Sign in

Not a member? [Create an account](#)



Invalid credentials

Sign in to your account

Welcome back! Please enter your credentials to continue.

Email address

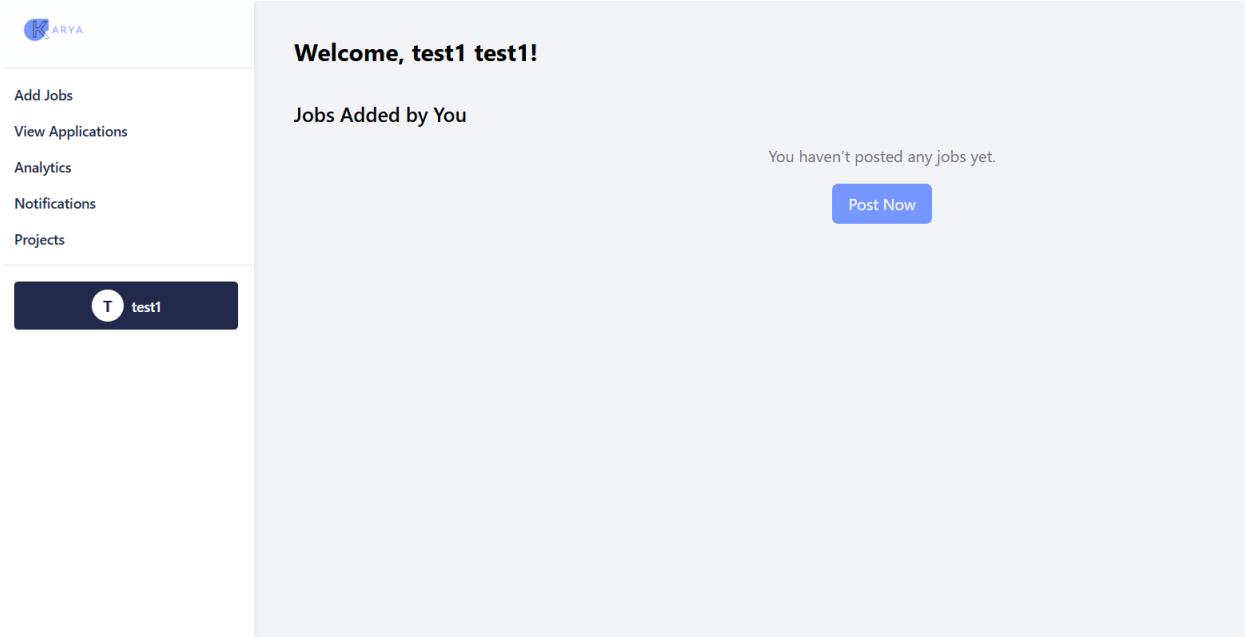
test1@gmail.com

Password

.....

Sign in

Not a member? [Create an account](#)



8.3. Test Case: Add Job

Test Case Title: Add Job

Test Case ID: TC3

Objective: To ensure the job is added successfully in database

TC_ID	Test Data	Steps	Expected Result	Actual Result	Status
1	All Fields Empty	Click Add Job button without entering any fields.	System should prompt that required fields are missing and fail to add the job.	"Please fill in all required fields."	Fulfilled
2	Missing Category & Subcategory	Fill in title, company, workplaceType, location, jobType, notificationPreference, but no Category/SubCategory; then click Add Job.	System should prompt that Category and Subcategory are required and fail to add the job.	"Failed to add job"	Not Fulfilled
3	All Valid Fields	Fill all required fields (title, company, location, jobType, category, subCategory, etc.) and click Add Job.	System successfully creates the job, returning a message like "Job added successfully!" (201 status).	Job is added and visible on dashboard.	Fulfilled

ARYA

Add Jobs
View Applications
Analytics
Notifications
Projects

T test1

Add a New Job

Job Title

Company

 Please fill out this field.

Workplace Type

Employee Location

Job Type

Category

Subcategory

ARYA

Add Jobs
View Applications
Analytics
Notifications
Projects

T test1

Job Title

 Failed to add job

Company

Workplace Type

Employee Location

Job Type

Category

Subcategory

Notification Preference

Job Description

Add Job

The screenshot shows a user interface for managing job postings. On the left, there's a sidebar with links for 'Add Jobs', 'View Applications', 'Analytics', 'Notifications', and 'Projects'. A user profile icon 'ARYA' is at the top. In the center, a form is displayed for adding a new job. The form fields include:

- Job Title:** A text input field containing 'Enter job title' with a success message 'Job added successfully!' above it.
- Company:** A text input field for 'Enter company name'.
- Workplace Type:** A dropdown menu set to 'onsite'.
- Employee Location:** A text input field for 'Enter location'.
- Job Type:** A dropdown menu set to 'full-time'.
- Category:** A dropdown menu labeled 'Select a Category'.
- Subcategory:** A dropdown menu labeled 'Select a Subcategory'.
- Notification Preference:** A dropdown menu set to 'In-app'.
- Job Description:** A text input field for 'Enter job description'.

A large blue button at the bottom right is labeled 'Add Job'.

8.4. Test Case: Edit Job Details

Test Case Title: Edit Job

Test Case ID: TC4

Objective: To ensure the job is edited successfully in database

TC_ID	Test Data	Steps	Expected Result	Actual Result	Status
1	Pre-Filled Data Check	1. Navigate to Edit Job form for an existing job. 2. Confirm the form loads the previously saved fields.	The form should display all existing job details pre-populated (e.g., title, company, etc.).	Prefilled data is displayed correctly.	Fulfilled
2	Change Some Fields with Valid Data	1. Change at least one field (e.g., job title). 2. Click Update Job.	The system should successfully update the job and show "Job updated successfully!".	System responds: "Job updated successfully!"	Fulfilled
3	Leave Required Field Empty (e.g., title)	1. Clear a required field (e.g., title). 2. Click Update Job.	The system should fail to update and prompt "Please fill this field."	System responds: "Please fill this field."	Fulfilled

ARYA

Add Jobs
View Applications
Analytics
Notifications
Projects

Edit Job

Job Title
Software Engineer

Company
Test

Workplace Type
Onsite

Employee Location
Kathmandu

Job Type
Full-time

Category
Technology

Subcategory
Software Development

Notification Preference
Both

Job Description
We are looking for a creative and results-driven Marketing Specialist to join our team and play a pivotal role in developing and exe

Update Job

ARYA

Add Jobs
View Applications
Analytics
Notifications
Projects

Edit Job

Job Title

Company
Test

! Please fill out this field.

Workplace Type
Onsite

Employee Location
Kathmandu

Job Type
Full-time

Category
Technology

Subcategory
Software Development

Notification Preference
Both

Job Description
We are looking for a creative and results-driven Marketing Specialist to join our team and play a pivotal role in developing and exe

Update Job

The image shows a mobile application interface. On the left, there's a sidebar with navigation links: Add Jobs, View Applications, Analytics, Notifications, and Projects. Below these is a dark button with a white 'T' icon and the word 'test1'. The main screen displays a job listing for 'Job Title: test1'. A modal window is open over the listing, titled 'Edit Job'. The modal contains fields for 'Job Title' (with placeholder 'Enter job title'), 'Company' (placeholder 'Enter company name'), 'Workplace Type' (dropdown menu showing 'onsite'), 'Employee Location' (placeholder 'Enter location'), 'Job Type' (dropdown menu showing 'full-time'), 'Category' (dropdown menu showing 'Select a Category'), 'Subcategory' (dropdown menu showing 'Select a Subcategory'), 'Notification Preference' (dropdown menu showing 'in-app'), and 'Job Description' (placeholder 'Enter job description'). At the bottom of the modal is a blue 'Update Job' button.

8.5. Test Case: Delete Job

Test Case Title: Delete Job

Test Case ID: TC5

Objective: To ensure property is deleted successfully from the database

TC_ID	Test Data	Steps	Expected Result	Actual Result	Status
1	Tap Delete on Job List	Tap the Delete icon on a job in the list, then view the confirmation prompt	The system should ask for confirmation to delete the job	A dialog appears asking user to confirm or cancel the deletion	Fulfilled
2	Cancel Deletion	Tap the Delete icon again, then tap Cancel on the confirmation dialog	The system should cancel the deletion; the job remains visible in the job list	The deletion is canceled, and the job still appears on the list	Fulfilled
3	Confirm Deletion	Tap the Delete icon, then tap Delete (or "Yes") on the confirmation dialog	The system should remove the job from the list and the database, no longer visible on the job list	The job is successfully removed and no longer appears in the job listings	Fulfilled

Welcome, test1 test1!

Jobs Added by You

Software Engineer

Company: Software Company
Workplace Type: Onsite
Location: Kathmandu
Job Type: Full-time

Category: Technology Subcategory: Software Development

We are looking for a creative and results-driven Marketing Specialist to join our team and play a pivotal role in developing and executing marketing strategies that drive brand awareness and customer engagement. The ideal candidate is a proactive professional with strong analytical and communication skills who thrives in a dynamic environment. Responsibilities: Plan, develop, and execute innovative marketing campaigns across various channels, including digital, print, and social media. Conduct market research to identify trends, target audiences, and competitor activities. Create and manage content for promotional materials, email campaigns, advertisements, and social media. Collaborate with cross-functional teams, including design, sales, and product development, to ensure cohesive marketing strategies.

Posted by: test1 test1

Writer

Company: Test
Workplace Type: Onsite
Location: Kathmandu
Job Type: Full-time

Category: Writing Subcategory: Content Writing

We are looking for a creative and results-driven Marketing Specialist to join our team and play a pivotal role in developing and executing

Delete **Edit**

Welcome, test1 test1!

Jobs Added by You

Software Engineer

Company: Software Company
Workplace Type: Onsite
Location: Kathmandu
Job Type: Full-time

Category: Technology Subcategory: Software Development

We are looking for a creative and results-driven Marketing Specialist to join our team and play a pivotal role in developing and executing marketing strategies that drive brand awareness and customer engagement. The ideal candidate is a proactive professional with strong analytical and communication skills who thrives in a dynamic environment. Responsibilities: Plan, develop, and execute innovative marketing campaigns across various channels, including digital, print, and social media. Conduct market research to identify trends, target audiences, and competitor activities. Create and manage content for promotional materials, email campaigns, advertisements, and social media. Collaborate with cross-functional teams, including design, sales, and product development, to ensure cohesive marketing strategies.

Posted by: test1 test1

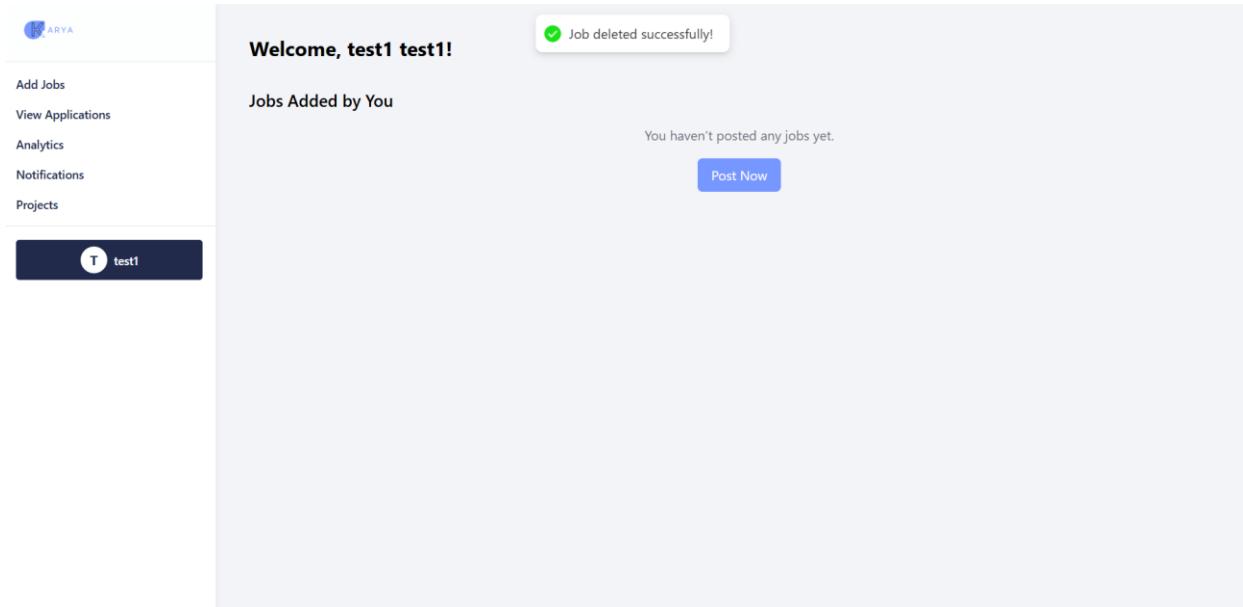
Writer

Company: Test
Workplace Type: Onsite
Location: Kathmandu
Job Type: Full-time

Category: Writing Subcategory: Content Writing

We are looking for a creative and results-driven Marketing Specialist to join our team and play a pivotal role in developing and executing

Delete **Edit**



8.6. Test Case: Complete Profile

Test Case Title: Complete Profile

Test Case ID: TC8

Objective: To ensure that new freelancers/users must complete their profile, and that submitted data updates their account in the database

S.N	Test Data	Steps	Expected Result	Actual Result	Status
1	User with Incomplete Profile (Shows Popup)	1. Navigate to the user's dashboard (or relevant page). 2. Observe the "Complete Profile" popup automatically appears.	The popup should display, prompting the user to complete their profile.	Popup is shown with a "Complete Profile" prompt.	Fulfilled
2	Skip Popup (No changes)	1. Click "Cancel" on the popup .	The profile remains incomplete, and no updates are made to the database.	No data changed.	Fulfilled
3	Fill Some Fields (Partial data)	1. Pop Up displayed 2. Enter partial data (missing required fields). 3. Click Save Profile.	The system should reject incomplete data, prompting user to fill the missing fields.	Error "Please provide required fields."	Not Fulfilled
4	Fill All Required Fields (Valid data)	1. Pop Up displayed 2. Fill all required fields (education, skills, etc.). 3. Click Save Profile.	The system should successfully update the user record. A success message	Data is saved, user sees success message, DB is updated.	Fulfilled

Welcome, User1 User1!

Search for Jobs

Search for jobs...

Recommended Featured Recent

Software Engineer

Test hybrid
Location: kathmandu
Job Type: full-time
Category: Technology Subcategory:

Complete Your Profile

Completing your profile helps improve your visibility to hirers and increases your chances of getting hired!

I'll do it later Complete Now

We are looking for a highly skilled candidate who is responsible for developing scalable web applications, collaborating with cross-functional teams, and maintaining high-quality code. **Responsibilities:** - Develop and maintain full-stack web applications using React.js and Node.js. - Collaborate with designers, product managers, and other developers. - Write clean, efficient, and well-documented code. - Optimize applications for performance and scalability. - Troubleshoot and debug issues in production. **Requirements:** - 3+ years of experience in full-stack development. - Proficiency in React.js, Node.js, and MongoDB. - Knowledge of RESTful APIs and microservices architecture. - Strong problem-solving skills and attention to detail. - Excellent communication and teamwork abilities. Join us to be part of an innovative team that values growth and collaboration!

Apply Now

User1 User1

Edit Profile

Availability
Available for work

Skills

localhost:5173 says

Failed to complete profile. Please try again.

OK

Education

Enter your education

+ Add More

Skills

Enter a skill

Add Skill

LinkedIn Profile

Enter your LinkedIn profile URL

GitHub Profile

Enter your GitHub profile URL

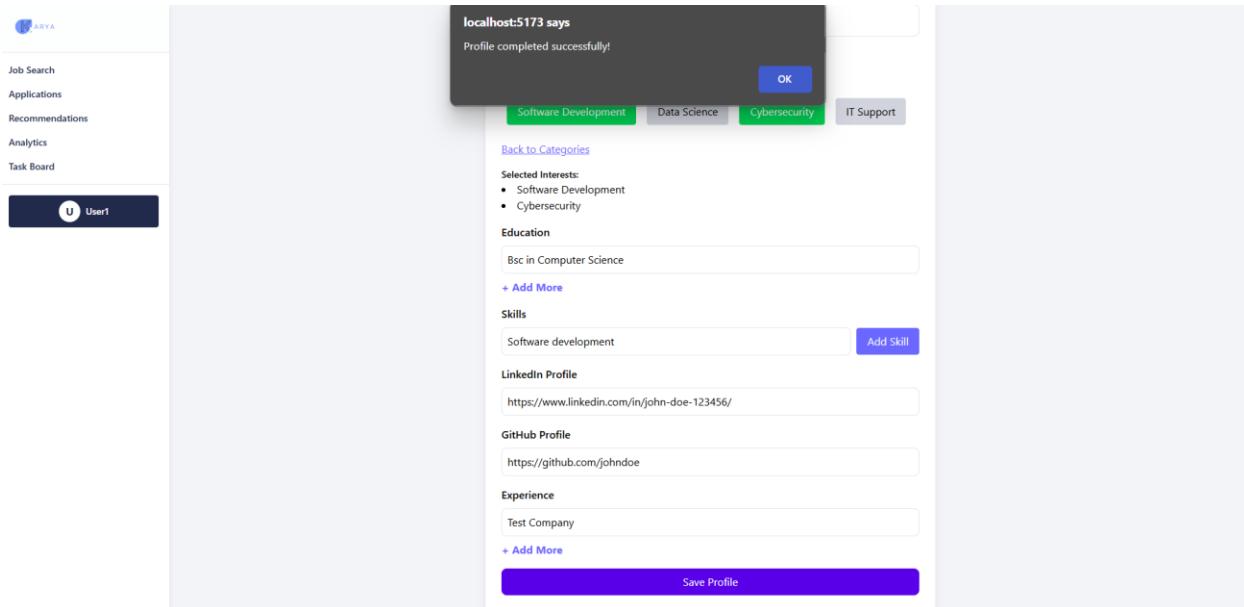
Experience

Enter your experience

+ Add More

Save Profile

User1 User1



```
_id: ObjectId('6798f143ce477ba29f50ffd6')
firstName : "User1"
lastName : "User1"
email : "user1@gmail.com"
password : "$2a$10$tJcviTlNgUVyjI9u1N5.A.a9vlCcy8LBdh4bTxpdK2vqP2W4yShz2"
role : "user"
interests: Array (2)
  0: "Software Development"
  1: "Cybersecurity"
education: Array (1)
  0: "Bsc in Computer Science"
skills: Array (empty)
experience: Array (1)
profilePicture : "uploads\1738494763601-ig.png"
isProfileComplete : false
createdAt : 2025-01-28T15:01:23.423+00:00
updatedAt : 2025-02-02T11:12:43.615+00:00
__v : 1
github : "https://github.com/johndoe"
linkedin : "https://www.linkedin.com/in/john-doe-123456/"
```

8.7 Test Case: Apply for Job

Test Case Title: Apply for Job

Test Case ID: TC9

Objective: To ensure users can submit a job application (cover letter + optional resume) successfully

TC_ID	Test Data	Steps	Expected Result	Actual Result	Status
1	No Cover Letter	(1) Open "Apply for Job" form. (2) Leave cover letter blank. (3) Click "Submit."	System rejects submission; displays "Please fill this field."	System displays "Please fill this field."	Fulfilled
2	Cover Letter Only	(1) Enter a valid cover letter. (2) Attach no resume. (3) Click "Submit."	Form submits successfully; system shows "Application submitted successfully!"	Application submitted successfully, no resume required.	Fulfilled
3	Cover Letter + Resume (All Fields Fulfilled)	(1) Enter valid cover letter. (2) Attach valid resume file. (3) Click "Submit."	Submission is successful; a success message ("Application submitted successfully!") is displayed	Application submitted successfully with cover letter and resume	Fulfilled

Welcome, User1

Job Search Applications Recommendations Analytics Task Board

User1

Software Engineer
Test hybrid Location: kathmandu Job Type: full-time Category: Technical

We are looking for applications, candidates with documented experience of experience. Strong problem values growth.

Frontend Developer
Tech Solutions hybrid Location: Biratnagar Job Type: full-time Category: Technical

- Collaborate with - JavaScript frameworks. - Ensure cross-browser compatibility and optimize for performance. - Debug and troubleshoot code issues across various devices and browsers. - Stay updated with the latest trends and technologies in front-end development.

Apply for the Job

Name

Email

LinkedIn Profile

Skills

Cover Letter (Answer why do you want this job in 100 words)

Resume ! Please fill out this field.

No file chosen

Welcome, User1

Job Search Applications Recommendations Analytics Task Board

User1

Software Engineer
Test hybrid Location: kathmandu Job Type: full-time Category: Technical

We are looking for applications, candidates with documented experience of experience. Strong problem values growth.

Frontend Developer
Tech Solutions hybrid Location: Biratnagar Job Type: full-time Category: Technical

- Collaborate with - JavaScript frameworks. - Ensure cross-browser compatibility and optimize for performance. - Debug and troubleshoot code issues across various devices and browsers. - Stay updated with the latest trends and technologies in front-end development.

localhost:5173 says
Application submitted successfully!

Apply for the Job

Name

Email

LinkedIn Profile

Skills

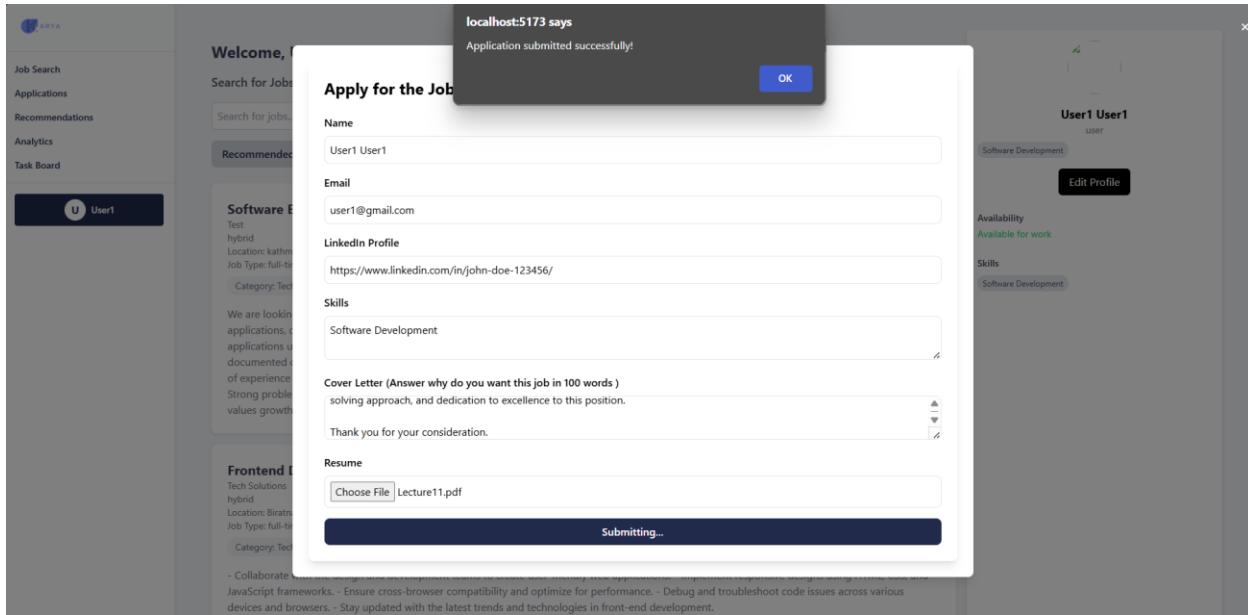
Cover Letter (Answer why do you want this job in 100 words)

Thank you for your consideration.

Resume ! Please fill out this field.

No file chosen

User1 User1
Software Development
Available for work
Skills Software Development



```
_id: ObjectId('6795b7fa39190ad28525d715')
userId: ObjectId('6794e17d18e0f8a4b989ee77')
jobId: ObjectId('67797102c3349153c47065c9')
coverLetter: "gcxhxgccccchfg gvgvh hvhvj"
resume: "uploads\resumes\1737865210553-sample review paper.pdf"
status: "Pending"
createdAt: 2025-01-26T04:20:10.579+00:00
updatedAt: 2025-01-26T04:20:10.579+00:00
__v: 0
```

```
_id: ObjectId('6795b9218f006cb39316dbe5')
userId: ObjectId('6794e17d18e0f8a4b989ee77')
jobId: ObjectId('677973be651959729f2960a0')
coverLetter: "hvhvhjn"
resume: "uploads\resumes\1737865505924-Literature Review draft.docx"
status: "Pending"
```