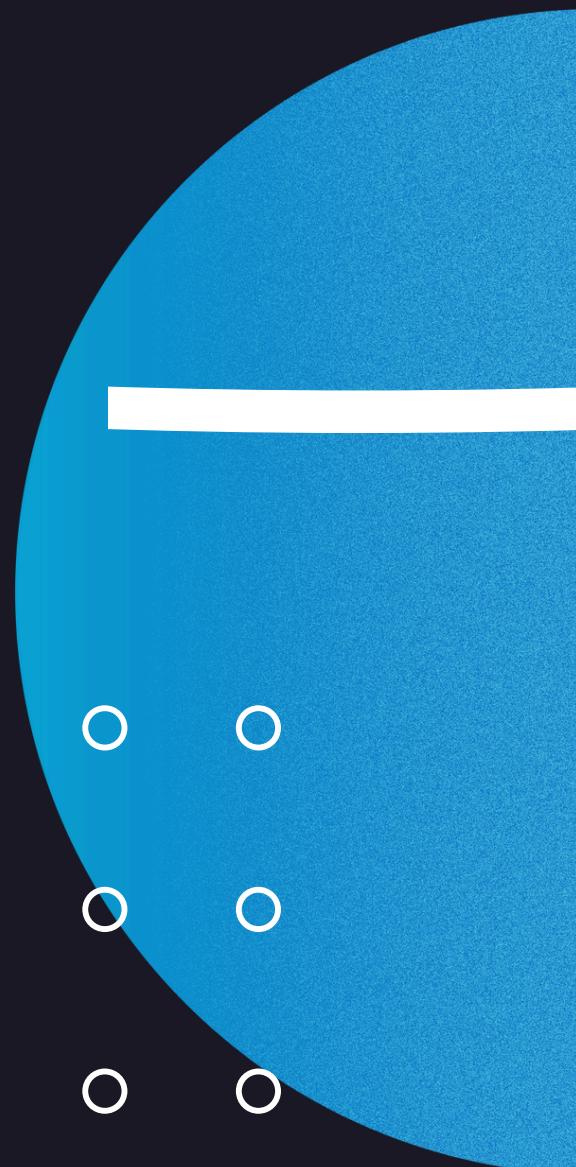


# WorkHive

## THE FREELANCE SYSTEM

**Team Leader - Aman Rathore**

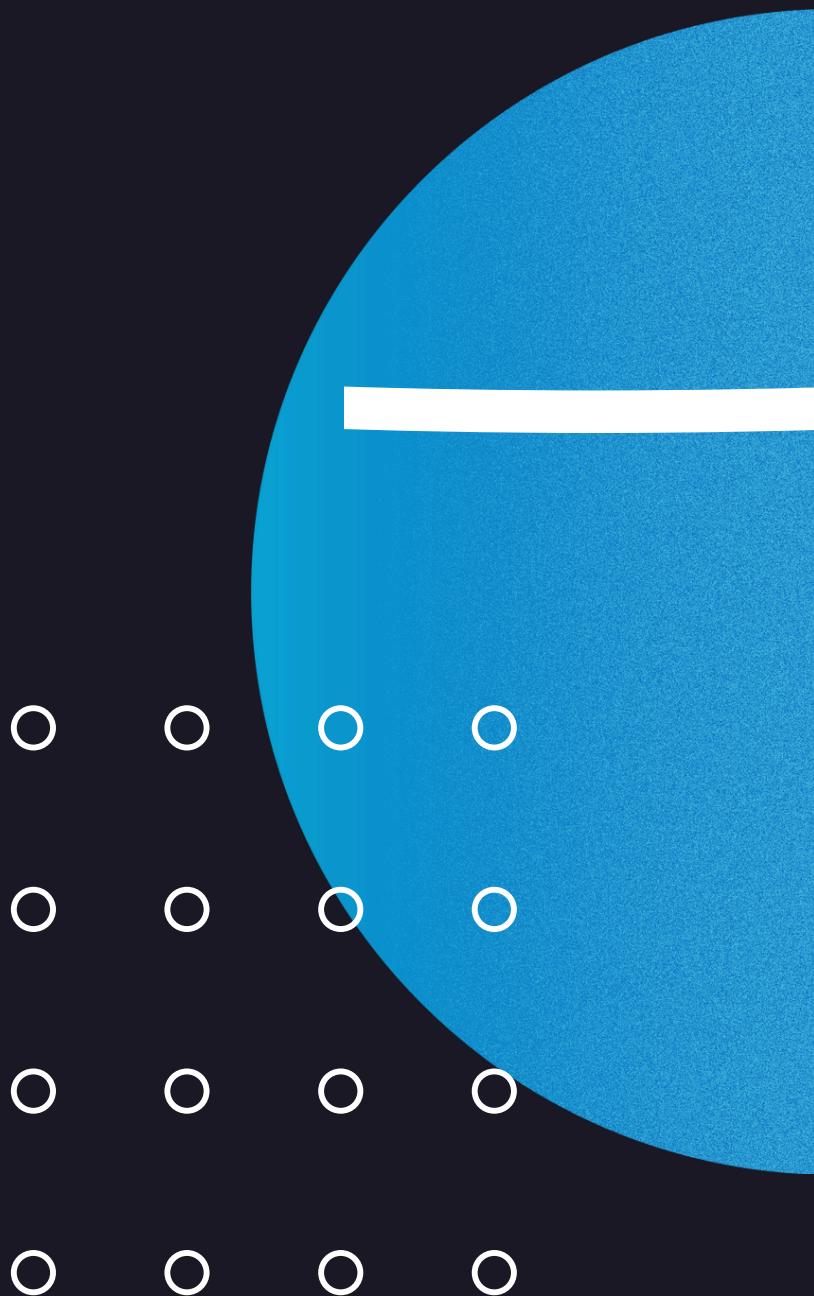
**Team Members - Vinesh, Pallavi, Harsh, Jatin**



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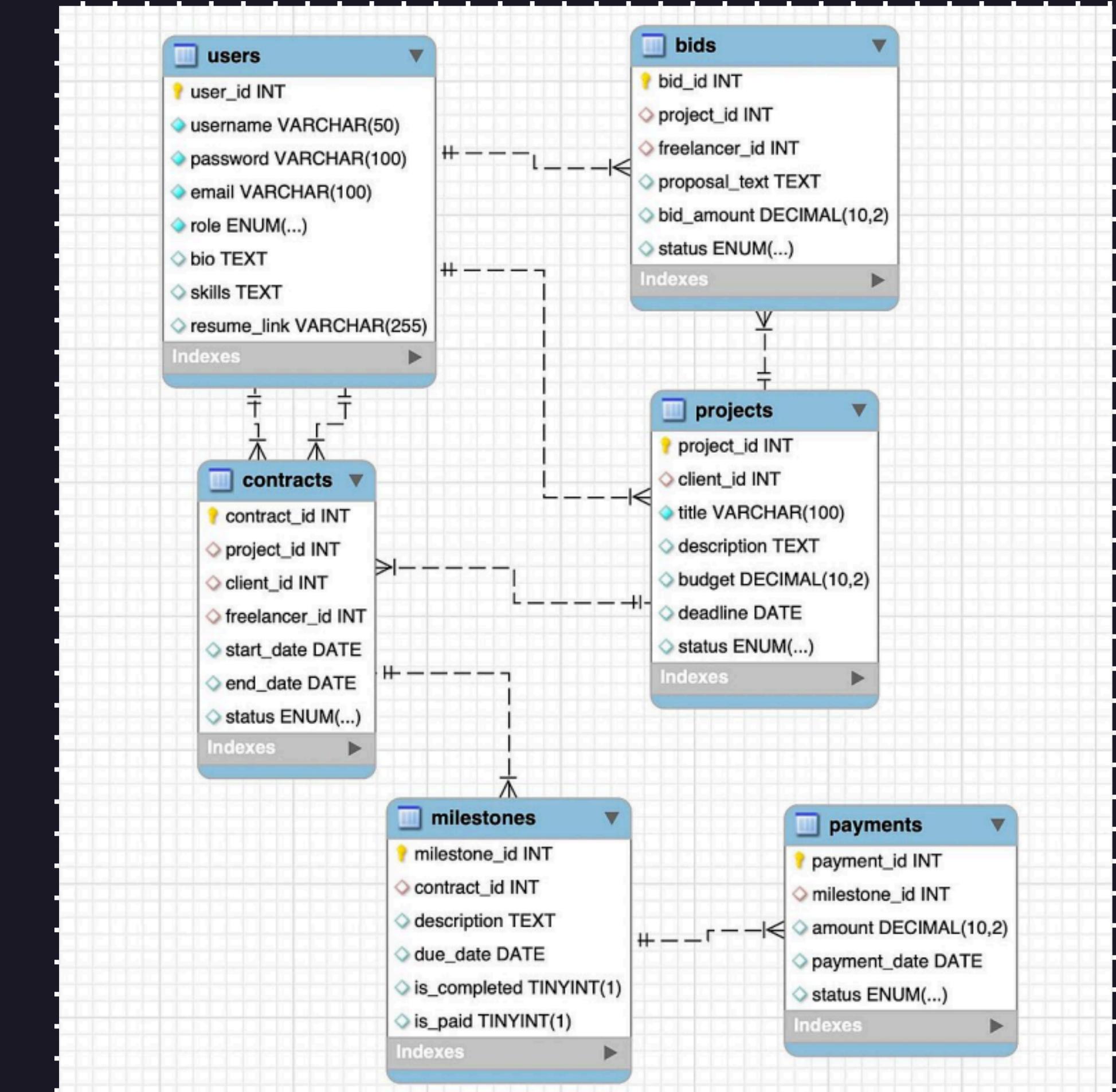
1. Introduction to WorkHive
2. Schema Diagram of the project
3. Use Case Diagram
4. Wireframe
5. Project Overview

# Introduction

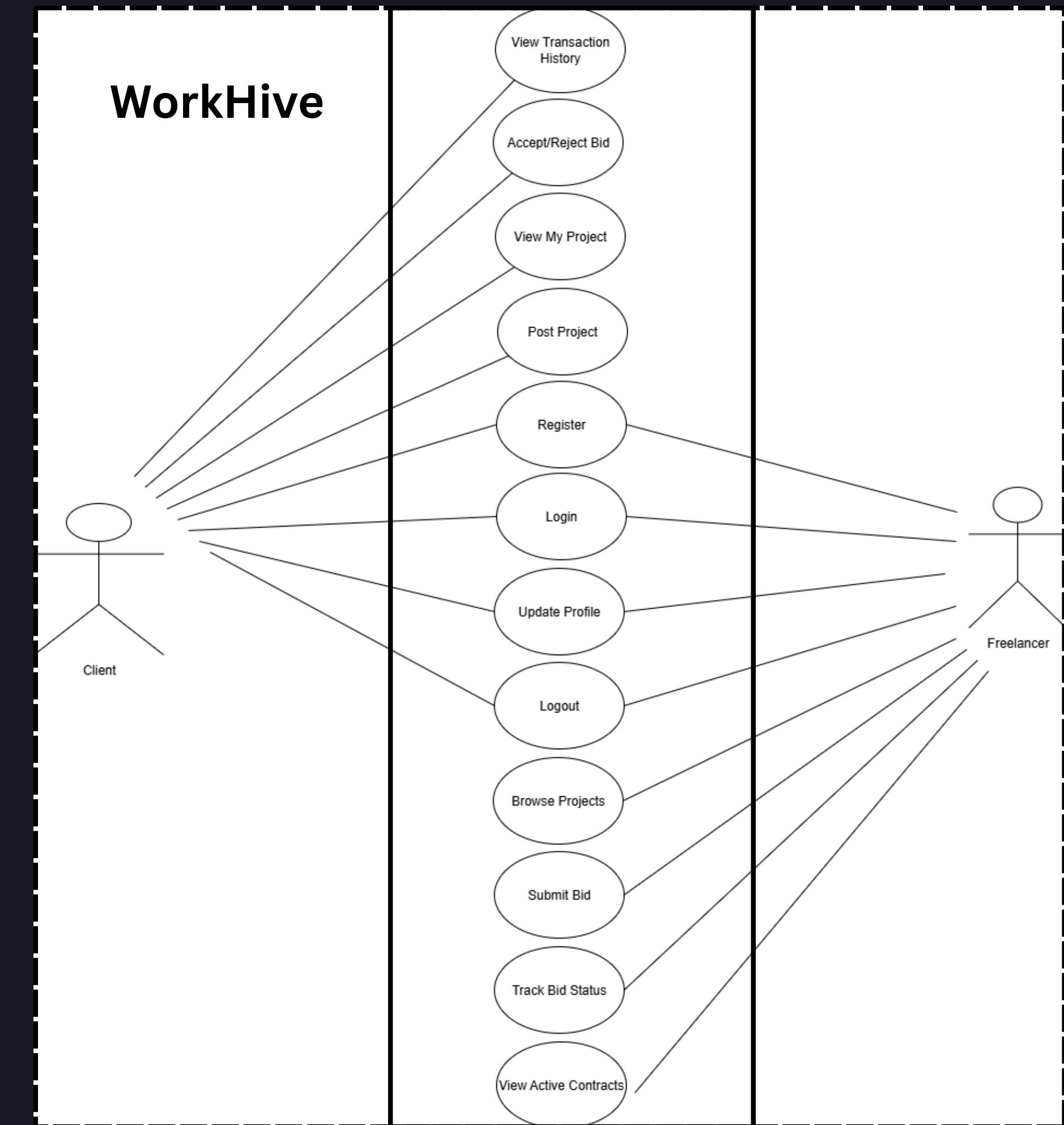


This presentation introduces WorkHive, a console-based Java application simulating a freelancing platform. It includes five core modules: authentication, user profile and tracking, project creation, project bidding, and bid/payment management. The app enables clients to post jobs, freelancers to bid, and both parties to manage contracts and payments via milestones. Admin features allow basic system monitoring. Developed using Java and MySQL in Eclipse, the project demonstrates backend development, role-based access control, and real-world job workflows. We aim to present module-wise responsibilities, key features, use cases, and technical implementation to showcase the project's design, flow, and learning outcomes.

# Schema Diagram

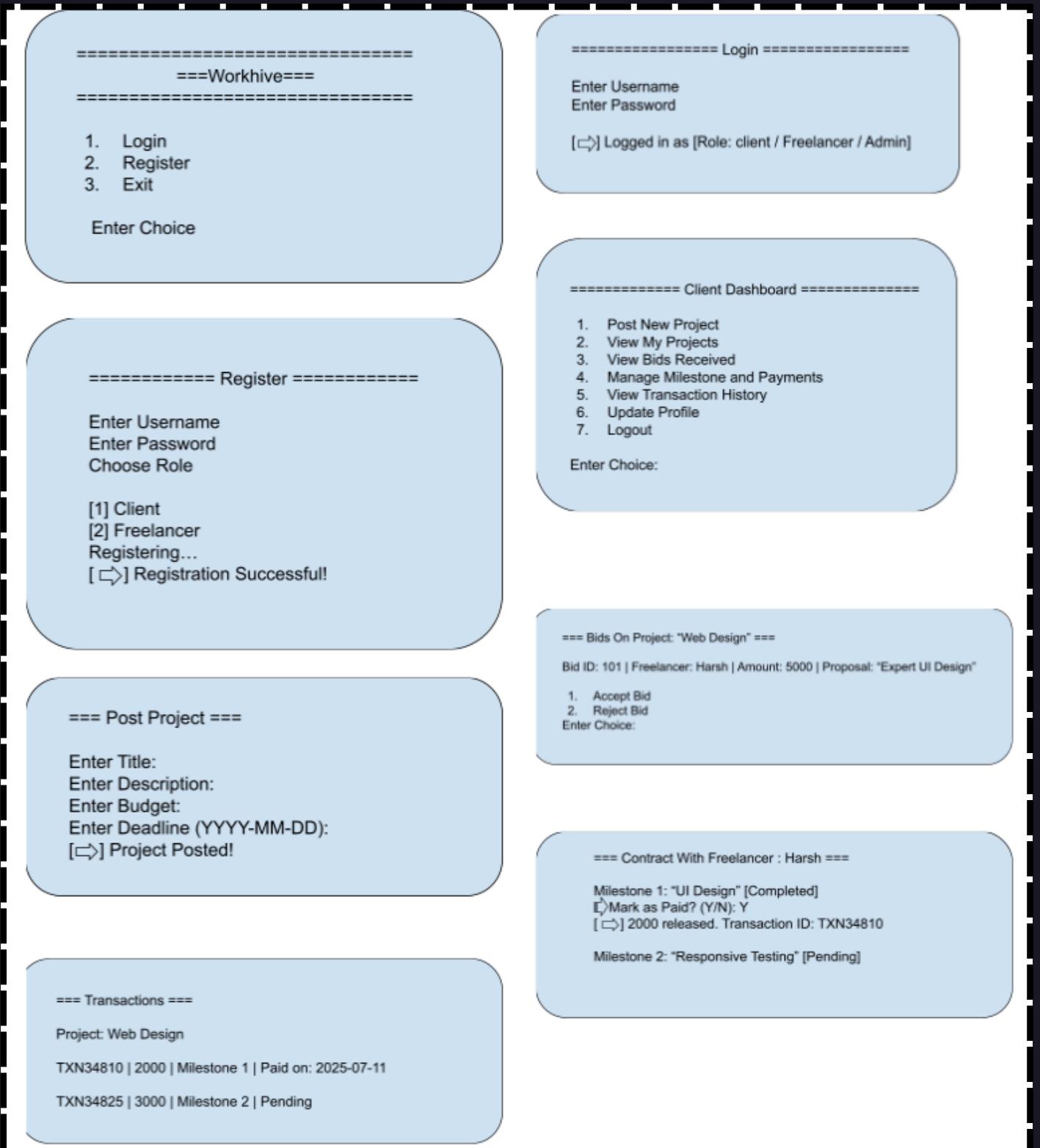


# Use Case Diagram

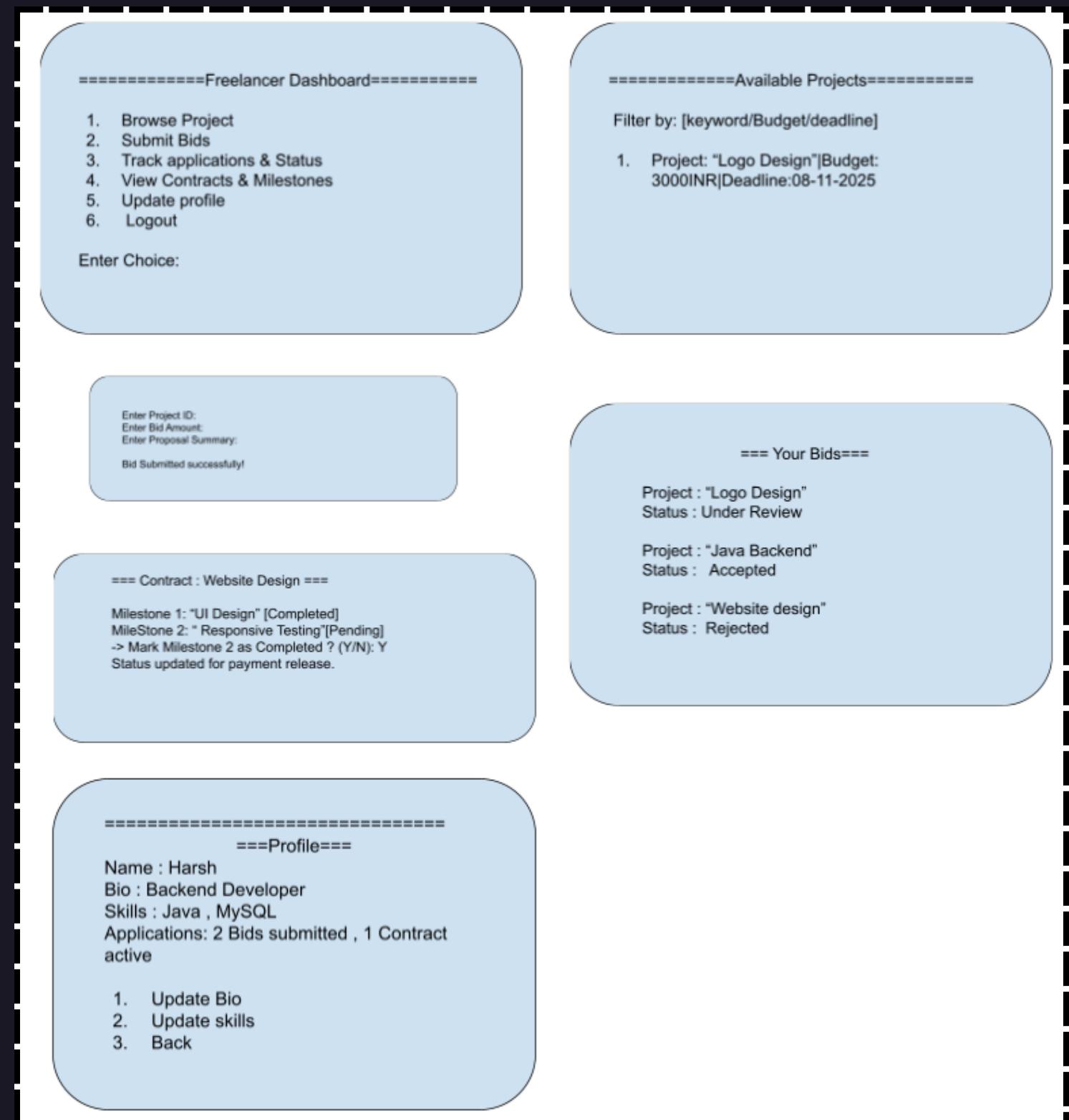


# Wireframe

## Client View



## Freelancer View



# Authentication Module

```
===== Welcome to WorkHiveTFS Freelancing System =====  
1. Register  
2. Login  
3. Exit  
Choose an option: 1  
Enter username: vinesh client  
Enter password: client  
Enter email: client@gmail.com  
Enter role (Client/Freelancer): Client  
Enter bio: vinesh enterprise  
vinesh client  
Registered successfully!  
  
1. Register  
2. Login  
3. Exit  
Choose an option: 1  
Enter username: aman freelancer  
Enter password: freelancer  
Enter email: freelancer@gmail.com  
Enter role (Client/Freelancer): Freelancer  
Enter bio: Full stack developer  
Enter skills: MERN stack  
Enter resume link (optional):  
aman freelancer  
Registered successfully!
```

Console-based registration process where the user enters their credentials, role (Client/Freelancer), and additional details like email, bio, skills, and resume link.

```
1. Register  
2. Login  
3. Exit  
Choose an option: 2  
Enter username: vinesh client  
Enter password: client  
Login successful! Welcome vinesh client  
  
Welcome, vinesh client (client)  
1. View Profile  
2. Update Profile  
3. View Dashboard  
4. Logout  
Choose an option: 1  
  
--- User Profile ---  
Username: vinesh client  
Email: client@gmail.com  
Role: Client  
Bio: vinesh enterprise
```

Login flow verifying credentials, followed by access to personalized dashboard options like profile view, profile update, and logout.

# Profile and Project Creation

Welcome, vinesh client (client)

1. View Profile
2. Update Profile
3. View Dashboard
4. Logout

Choose an option: 2

--- Update Profile ---

Enter new password (leave blank to keep current):

Enter new email (leave blank to keep current):

Enter new bio (leave blank to keep current): vinesh

Profile updated successfully.

--- CLIENT DASHBOARD ---

1. Post New Project
2. View My Projects
3. View Bids on a Project
4. Accept a Bid (Create Contract)
5. View Freelancer Progress
6. Pay Freelancer and Close Contract
7. View My Contracts Summary
8. Home

Choose option: 3

Enter Project ID: 8

Bids for Project ID 8:

Bid ID: 6 | Freelancer: 11 | Amount: 1010.0 | Status: Pending

Proposal: Expert in mlai, integrate many ai tool in different different project

--- CLIENT DASHBOARD ---

1. Post New Project
2. View My Projects
3. View Bids on a Project
4. Accept a Bid (Create Contract)
5. View Freelancer Progress
6. Pay Freelancer and Close Contract
7. View My Contracts Summary
8. Home

Choose option: 1

Project Title: Build Ai Tool

Project Description: want an integration tool

Budget (in INR): Budget (in INR): 1001

Deadline (YYYY-MM-DD): 2025-10-22

Project posted!

--- CLIENT DASHBOARD ---

1. Post New Project
2. View My Projects
3. View Bids on a Project
4. Accept a Bid (Create Contract)
5. View Freelancer Progress
6. Pay Freelancer and Close Contract
7. View My Contracts Summary
8. Home

Choose option: 2

Your Projects:

ID: 8 | Title: Build Ai Tool | Status: Open

# Client Dashboard

```
--- CLIENT DASHBOARD ---
```

1. Post New Project
2. View My Projects
3. View Bids on a Project
4. Accept a Bid (Create Contract)
5. View Freelancer Progress
6. Pay Freelancer and Close Contract
7. View My Contracts Summary
8. Home

Choose option: 5

Enter Contract ID: 6

[2025-07-13 19:38:46] Project completed!!!

[2025-07-13 19:38:15] Home page completed!

```
--- CLIENT DASHBOARD ---
```

1. Post New Project
2. View My Projects
3. View Bids on a Project
4. Accept a Bid (Create Contract)
5. View Freelancer Progress
6. Pay Freelancer and Close Contract
7. View My Contracts Summary
8. Home

Choose option: 6

Enter Contract ID to close: 6

Enter payment amount (should match bid amount): 1010

Payment successful. Contract marked as completed.

Client Dashboard – Full project completion cycle showing how the client views freelancer progress updates, processes the final payment, and successfully closes the contract upon project completion.

```
--- CLIENT DASHBOARD ---
```

1. Post New Project
2. View My Projects
3. View Bids on a Project
4. Accept a Bid (Create Contract)
5. View Freelancer Progress
6. Pay Freelancer and Close Contract
7. View My Contracts Summary
8. Home

Choose option: 4

Enter Project ID: 8

Enter Bid ID to accept: 6

Contract created successfully.

```
--- CLIENT DASHBOARD ---
```

1. Post New Project
2. View My Projects
3. View Bids on a Project
4. Accept a Bid (Create Contract)
5. View Freelancer Progress
6. Pay Freelancer and Close Contract
7. View My Contracts Summary
8. Home

Choose option: 7

```
--- My Contract Summary ---
```

Contract ID: 6 | Project ID: 8 | Freelancer ID: 11 | Status: Active

Client Dashboard – Workflow for creating a contract by accepting a freelancer's bid on a project, followed by accessing the contract summary to track contract status and linked freelancer information

# Project Browsing and Bidding Module

```
--- FREELANCER DASHBOARD ---
1. View Available Projects
2. Place a Bid on Project
3. View My Bids
4. View My Contracts
5. Submit Progress Update
6. Mark Contract as Complete (Request Payment)
7. Home
Choose option: 1

Open Projects:
ID: 4 | Title: language
Budget: 1000000.0 | Deadline: 2025-12-12
Description: Want a language in which all the 27 rule follow of oops

ID: 6 | Title: Testing
Budget: 101.0 | Deadline: 2025-10-22
Description: Testin 1

ID: 8 | Title: Build Ai Tool
Budget: 1001.0 | Deadline: 2025-10-22
Description: want an integration tool for my site to enhance productivity

--- FREELANCER DASHBOARD ---
1. View Available Projects
2. Place a Bid on Project
3. View My Bids
4. View My Contracts
5. Submit Progress Update
6. Mark Contract as Complete (Request Payment)
7. Home
Choose option: 2
Enter Project ID to bid on: 8
Enter your bid amount (INR): 1010
Enter your proposal message: Expert in mlai, integrate many ai tool in dif
Bid placed!
```

**Freelancer Dashboard – Full bidding flow where freelancers first view available projects, review project details, and then place a bid with custom amount and proposal message. This shows the practical working of the bidding process in the application.**

```
--- FREELANCER DASHBOARD ---
1. View Available Projects
2. Place a Bid on Project
3. View My Bids
4. View My Contracts
5. Submit Progress Update
6. Mark Contract as Complete (Request Payment)
7. Home
Choose option: 3

Your Bids:
Bid ID: 6 | Project ID: 8
Amount: 1010.0 | Status: Pending
Proposal: Expert in mlai, integrate many ai tool
```

**Freelancer Dashboard – Viewing all active bids submitted by the freelancer along with bid ID, project ID, bid amount, status, and proposal message. This allows freelancers to easily track their bidding activity.**

# Bid and Payment Management Module

## --- FREELANCER DASHBOARD ---

1. View Available Projects
2. Place a Bid on Project
3. View My Bids
4. View My Contracts
5. Submit Progress Update
6. Mark Contract as Complete (Request Payment)
7. Home

Choose option: 6

Enter Contract ID: 6

Enter progress update: Project completed!!!

Progress submitted.

Back to home

Welcome, aman freelancer (freelancer)

1. View Profile
2. Update Profile
3. View Dashboard
4. Logout

Choose an option: 4

Logging out...

Logged out successfully.

Freelancer marking a project as complete and submitting the final progress update through the Freelancer Dashboard. After completion, the freelancer returns to the main dashboard and logs out securely.

## --- FREELANCER DASHBOARD ---

1. View Available Projects
2. Place a Bid on Project
3. View My Bids
4. View My Contracts
5. Submit Progress Update
6. Mark Contract as Complete (Request Payment)
7. Home

Choose option: 5

Enter Contract ID: 6

Enter progress update: Home page completed!

Progress submitted.

Freelancer submitting a mid-project progress update using the 'Submit Progress Update' feature from the Freelancer Dashboard. This keeps clients updated about project milestones.

**THANKYOU**