

## Scenarios:

This project will operate under one of these 2 scenarios.

### Scenario 1:

You're a person with a start-up or something alike and you need to build a website or an application or anything in that area, however, you have absolutely no technical knowledge and you don't have the budget yet to hire a real developer. This project would allow you to sign in or sign up into the project, select that you're a client and want to post a project, post said project that you want someone to do, with a budget for it and a description of the project with a deadline. Then a freelancer would see it, and apply for it. Upon completion, they would give you the project and you would pay them and then you would rate each other and the rating would be saved to both your profiles.

### Scenario 2:

You're a random student or even full software engineer that wants to make some extra money or be able to put more things on your resume. However it's pretty hard to get into the market so you would register in my application to browse projects that you can work on. You would apply for the project and the client can agree to let you work on it, then you would work on it, finish it, submit it to your client and get paid when the project is done. After that you would rate each other and the rating would be saved to both your profiles.

## Design Paradigm:

### Functionalities:

#### 1. User Registration and Login:

- Ability for clients and freelancers to create accounts.
- login and authentication process (username and password).

#### 2. Profile Management:

- Clients can create and manage their profiles with relevant information.
- Freelancers can also create and manage their profiles with relevant information.

#### 3. Project Posting:

- Clients can post projects that all require a description, budget, and deadline.

#### 4. Applying System:

- Freelancers can browse posted projects and apply for them.
- Freelancers can view their assigned projects and update progress.

## **5. Theoretical Payment Handling:**

- Theoretical system to simulate payments from clients to freelancers upon project completion.
- Display of payment status without real transactions.

## **6. Rating and Review System:**

- Clients can rate freelancers and provide feedback upon project completion.
- Freelancers can rate clients based on their experience.

## **7. File Sharing:**

- Allow for file upload and sharing between clients and freelancers for project-related documents.

# **Expected output:**

## **User Actions**

- **User Registration and Login**
  - Action: Register as client or freelancer and log in.
  - Result: Confirmation message and access to dashboard.
- **Profile Management**
  - Action: Edit profile (skills, experience).
  - Result: Updated profile visible immediately.
- **Project Posting (Clients)**
  - Action: Create new project (title, description, budget, deadline).
  - Result: Project listed with confirmation message.
- **Applying System (Freelancers)**
  - Action: Browse projects and apply.
  - Result: Application saved, change the status of the project.
- **Project Management (Freelancers)**
  - Action: View assigned projects, update clients with their progress (can possibly set how done it is with a % at the end of each day/week).
  - Result: Organized dashboard with project details.
- **Theoretical Payment Handling**
  - Action: Set a budget (payment amount) for projects.
  - Result: Visual representation of payment status.
- **Rating and Review System**
  - Action: Rate and review after project completion.
  - Result: Ratings displayed on profiles.
- **File Sharing**
  - Action: Share the files of the completed projects.
  - Result: Confirmation of file upload, client can be able to see it.