Freelancing Platform Project

The Freelancing Management System or Freelancing platform Project ensures a seamless experience for all involved. As an administrator, you can easily add the Service Categories into the system, so that Freelancers can add the Services from these categories only. Freelance can register himself from the website. After Freelancer Registration, Freelancer can log in to the system.

After Freelancer's Login, Freelancers can add the services by adding the necessary details like Service Name, Description, Min Price, Service Category, etc. Once Freelancers has listed the Services. All these services will be visible on the Home page of the website. Now Customers can view all the service details and from there they can request services from Freelancers.

Once the Customer has requested the services from the Freelancers, the Freelancers will be able to see the request from the Customer, In the Service Request, Customers have to add the requirements which they want from the freelancers. Now Freelancers can give the Plan based on the Customer's Requirement along with the Price, and from here Customer can either Accept the Service Plan or Reject it by adding the message e.g. I have only this much budget. If the Customer rejects the Plan then Freelancer can also add another plan based on the Customer's Budget.

If a customer approves this plan then this amount will be deducted from the Customer Wallet and it will get credited to the Freelancers Wallet. The customer can add money to the Wallet at any time by paying using a Credit Card, Debit Card, UPI mode, etc. using the Razorpay payment gateway.

In the end, the Admin will be able to see the complete details about the Service Categories, Services, Freelancers, Customers, etc. in his dashboard.

Technologies Used in Turf Booking System Project

1. Spring Boot (REST APIS) and Spring Security

2. React JS (Frontend)

3. MySQL for Database

4. Maven for project management

5. Bootstrap (Styling)/Material UI

User Modules

The project basically has three user modules:

1) ADMINISTRATOR MODULE

2) CUSTOMER MODULE

3) FREELANCER MODULE

Functional Modules

1) User Authentication Module:

User Authentication and Authorization with Spring Boot and React. The registration and Login system has been added so that only authenticated users (Admin, Freelancer or Customer) can perform their functionalities.

2) Service Category Module:

Add Service Category, Update Category, Delete Category, View Categories.

3) Service Module:

Add Service, Update Service, Delete Service, View Service, Search Services.
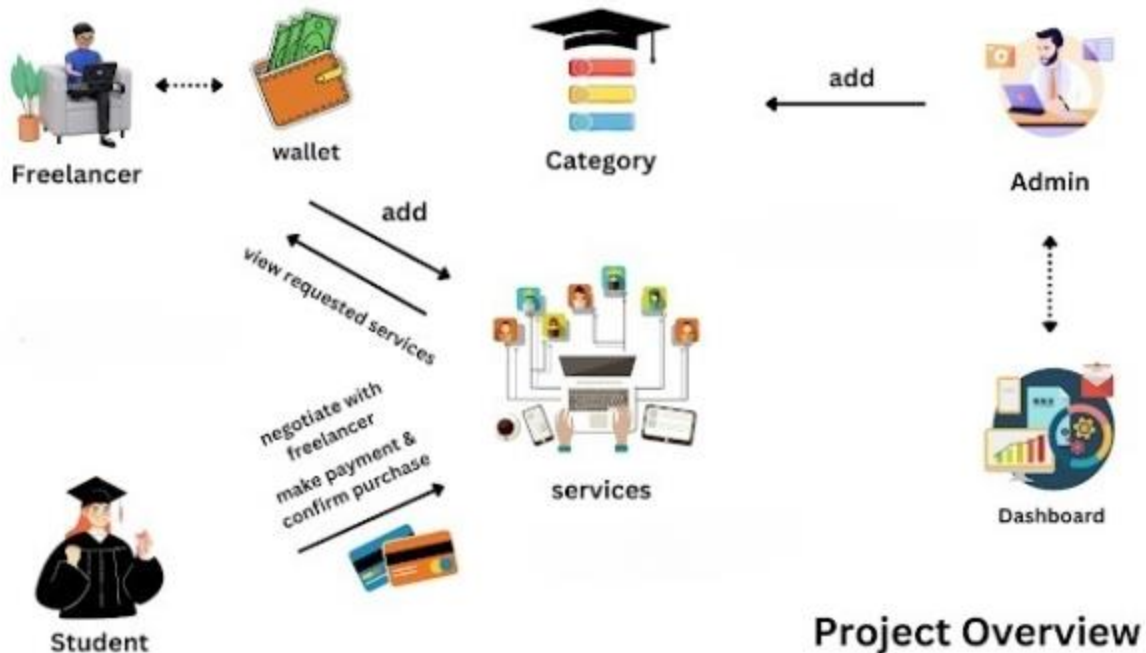
4) Freelancer Module:

Register, Login, and Delete Freelancer and it's Services.

5) Service Request Module:

Freelancer Service Request, Service Request Price Negotiation, Approve or Deny Service Plan.

6) Payment Module Module:

Add Money To the Wallet using Razorpay Payment Gateway, Transfer money from the Customer's wallet to the freelancer's Wallet when approving the Service Plan from the Freelancer.

Project Overview

Here are the key user roles for a Freelancing Platform Project:

1. Client

- **Post Projects:** Create and publish job listings with project details and requirements.

- **Review Proposals:** Evaluate proposals submitted by freelancers.

- **Communicate with Freelancers:** Message freelancers for clarifications and negotiations.

- **Hire Freelancers:** Select and hire freelancers for their projects.

- **Make Payments:** Process payments upon project completion or milestone delivery.

- **Leave Feedback:** Provide ratings and reviews for freelancers based on their performance.

2. Freelancer

- **Create Profile:** Set up a profile highlighting skills, experience, and portfolio.

- **Browse Projects:** Search and filter available job listings.

- **Submit Proposals:** Submit proposals for projects they wish to work on, including bids and timelines.

- **Communicate with Clients:** Message clients to discuss project details and expectations.

- **Complete Projects:** Deliver work according to the agreed terms.

- **Receive Payments:** Get paid for completed projects and manage earnings.

3. Admin

- **User Management:** Manage client and freelancer accounts, including approval, suspension, and removal.

- **Content Moderation:** Review and approve project listings and proposals to ensure compliance with platform policies.

- **Dispute Resolution:** Handle disputes between clients and freelancers, ensuring fair outcomes.

- **Analytics and Reporting:** Generate reports on platform usage, project trends, and user activity.

- **Platform Maintenance:** Ensure the platform operates smoothly, addressing technical issues as they arise.