DEPARTMENT OF INFORMATION TECHNOLOGY

A.P. SHAH INSTITUTE OF TECHNOLOGY

G.B. Road, Kasarvadavali, Thane (W), Mumbai-400615

UNIVERSITY OF MUMBAI

Academic year: 2022-23

S.E. - I.T Engineering

FREELATION -Free Lancing Website

Submitted By

Edwin George	**Moodle ID:22204005**
Abdul Hadi Shah	**MoodleID:22204007**
Ammar Nagarji	**Moodle ID:22204011**

Under The Guidance Of:

Ms. Roshna Sangle

CERTIFICATE

This to certify that the Mini Project report on Free Lancing Website has been submitted by Edwin George (22204005), Abdul Hadi Shah (22204007), and Ammar Nagarji (22204011) who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

Ms. Roshna Sangle

Guide

Dr. Kiran Deshpande

Head Department of Information Technology

Dr. UttamD.Kolekar

Principal

External Examiner(s)

1.

2.

Place: A.P. Shah Institute of Technology, Thane

Date:

ACKNOWLEDGEMENT

This project would not have come to fruition without the invaluable help of our guide **Ms. Roshna Sangle**. Expressing gratitude towards our HoD, **Dr. Kiran Deshpande**, and the Department of Information Technology for providing us with the opportunity as well as the support required to pursue this project. We would also like to thank our teacher **Ms. Roshna Sangle** who gave us her valuable suggestions and ideas when we were in need of them. We would also like to thank our peers for their helpful suggestions.

TABLE OF CONTENTS

1.	Introduction……	5
1.1	Purpose……...	5
1.2	Objectives……...	5
1.3	Scope…….....	6
2.	Problem Definition……	7
3.	Proposed System……	8
3.1	Features and Functionality……...	8
4.	Project Outcomes……....	10
5.	Software Requirements……	11
6.	Project Design……..	12
7.	Project Scheduling……...	16
8.	Conclusion……...……	17
	References……	18

Chapter 1

Introduction

The website is designed to provide a user-friendly interface that enables clients to post project requests and developers to accept and complete them. The website also includes several pages that facilitate communication and project management. This report outlines the main features of the website and its benefits to both clients and developers.

The website provides several benefits to both clients and developers. Clients can enjoy easy access to a pool of talented developers who can help them complete their projects efficiently and effectively. This can lead to increased productivity and improved business outcomes. Developers can find interesting projects that match their skills and interests, which can lead to increased job satisfaction and continued collaboration with clients. The website's user-friendly interface and communication features also help to ensure that projects are completed on time and to a high standard.

1.1. Purpose:

The purpose of our freelancing website project is to provide a platform for clients and developers to connect and collaborate on project requests. The project aims to simplify the process of finding and hiring developers for projects, while also providing a space for developers to showcase their skills and find new opportunities.

1.2. Objectives:

The objectives of this website are to provide a platform for clients to make project requests and to allow developers to accept those requests and produce projects for clients. The website's goal is to foster a community of freelancers and clients who can work together on projects and share their knowledge and expertise. The following are the project's objectives:

• Create an easy-to-use and browse freelancing website for both clients and developers.
• To provide a platform for clients and developers to collaborate on projects in a timely and cost-effective manner.
• To allow clients to publish project requests with thorough descriptions and specifications, and to allow developers to browse through these requests and accept the ones on which they are interested.

• The reason to create a forum for clients to evaluate and review the developers with whom they work, hence increasing confidence and credibility within the freelancing community.

• Create the website with security in mind, putting safeguards in place to secure user data and prevent unauthorised access.

1.3. Scope:

This project's scope involves creating a fully functional and user-friendly freelancing website that links clients with developers. The following pages will be included on the website:

Home page: a simple website introduction with a menu bar for login, sign up and project posting pages.

Sign-up or register page: a page where users can register by entering their username, first name, last name, email, password, phone number, bio, skills table with user level, languages with fluency selection, and upload image section.

Login page: a page that allows people to log in by entering their username and password.

Clients can post project requests on this page by providing information such as the project name, project description, and project deadline.

Browse jobs page: a page where developers can search for submitted project requests by payment kind, desired programming language, and communication language.

Admin page: a page that gives site administrators access to the site dashboard, where they can control site content and user data.

Chapter 2

Problem Definition

The challenge addressed by this project is the difficulty that clients have in finding suitable developers for their projects, as well as the difficulties that developers have in finding new job possibilities.

Many clients and developers rely on time-consuming and unsuccessful traditional job search tactics such as networking and job boards.

The website's goal is to provide a platform that links clients with developers and allows them to collaborate on projects in an efficient and cost-effective manner.

Chapter 3

Proposed System:

Our freelance website has a variety of features and capabilities that make it simple for clients and developers to connect and collaborate. The following are the important features:

3.1. Features and Functionality:

F1. page for signing up or registering.

Users can create an account on the website by visiting the sign-up or register page. The sign-up screen asks for a username, first name, last name, email, password, re-enter password, phone number, bio, skill table with user level selection, languages with fluency selection, and an upload image area. The sign-up process is simple, and users can create a profile that highlights their talents and knowledge.

F2. The login page.

Users can access their accounts by entering their username and password on the website's login page. The login page is safe, ensuring that users may access their accounts without being hacked.

F3. Post project page.

Clients can post project requests on the website's post-project page. The page contains fields for selecting a project name, providing a summary of the project, and detailing the project in greater detail, including the deadline. The post-project website is simple to use and allows clients to enter all pertinent project information.

F4. Look through our job listings.

Users can search for projects on the website's explore jobs page by payment kind, chosen programming language, and communication language. This page lists available job requests, which visitors can filter based on their preferences. The browse jobs page is simple to use and displays a list of open jobs.

F5. Administration page

The website includes options for managing authentication and authorization, applicants, communication languages, contributors, custom users, projects, skills, task languages required, task skills required, tasks, user ratings, and users' communication languages and skills on the admin page. The admin page gives site administrators complete control over the functioning of the website, allowing them to manage users, projects, and other site features.

Chapter 4

Project Outcomes:

The following are the project outcomes:

- The freelancing website will make it simple for clients to post project requests and identify qualified developers for their projects.
- Developers will be able to explore the submitted project requests and accept the projects on which they are interested.
- The website will provide clients and developers with an easy and streamlined approach to interact and cooperate on their projects.
- The website will allow clients to complete their projects in a timely and cost-effective manner, while also allowing developers to discover new work and expand their abilities.
- The website will provide a platform for clients to rate and review the developers they work with, which will help build trust and credibility among the freelancing community.
- The website will provide a user-friendly interface that is easy to navigate and use.
- The website will give a platform for clients to assess and review the developers with whom they work, hence increasing confidence and credibility in the freelancing community.
- The website will have an intuitive user experience that is simple to navigate and use.

Chapter 5

Software Requirements:

The following software is required for the proposed system:

Microsoft Visual Studio

The website is designed with the Django framework, which is a high-level Python web platform that allows for rapid development and clean design.

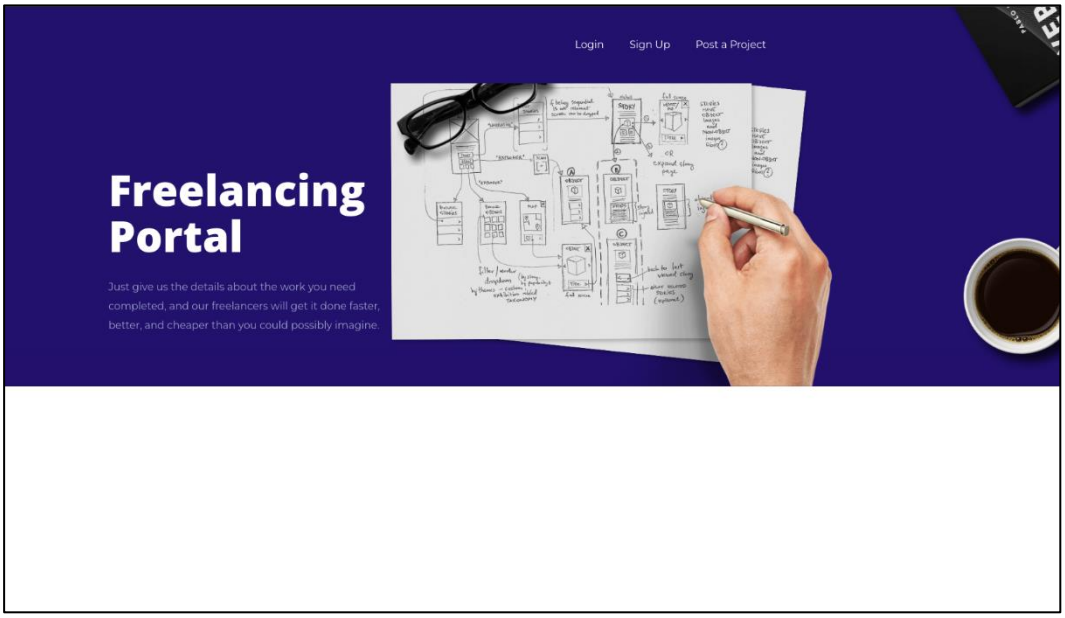
HTML, CSS, and JS are the key technologies used to construct the user interface and functionality of a website.

Database: A database is required by the system to store user information, project requests, and other relevant data.

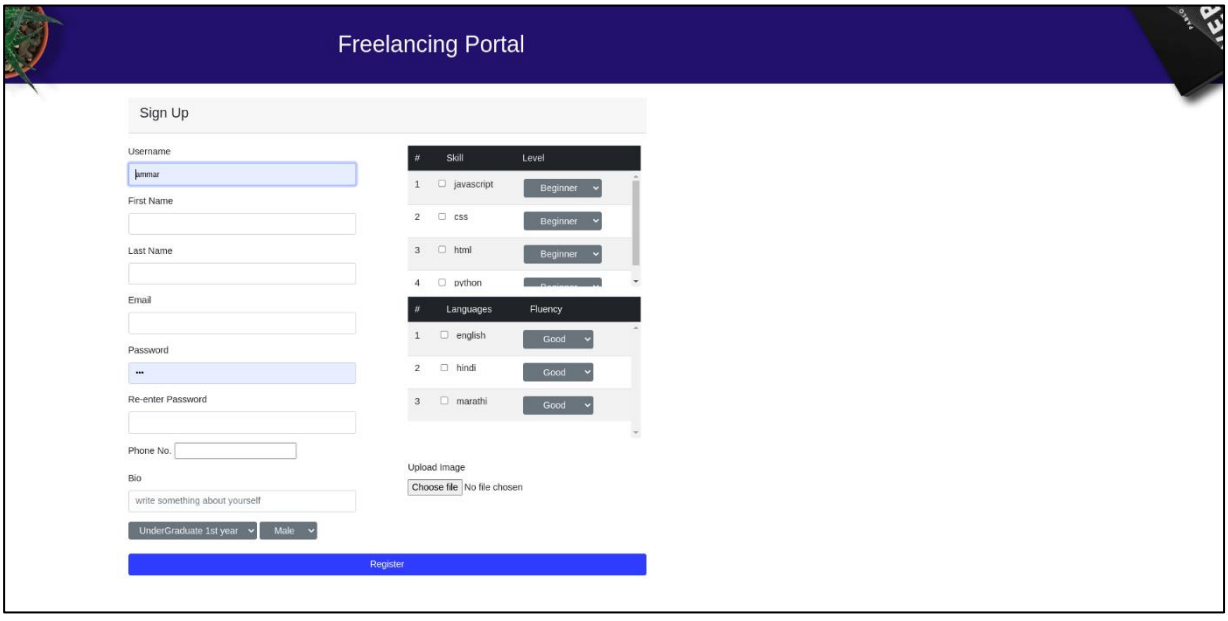
Chapter 6

Project Design:

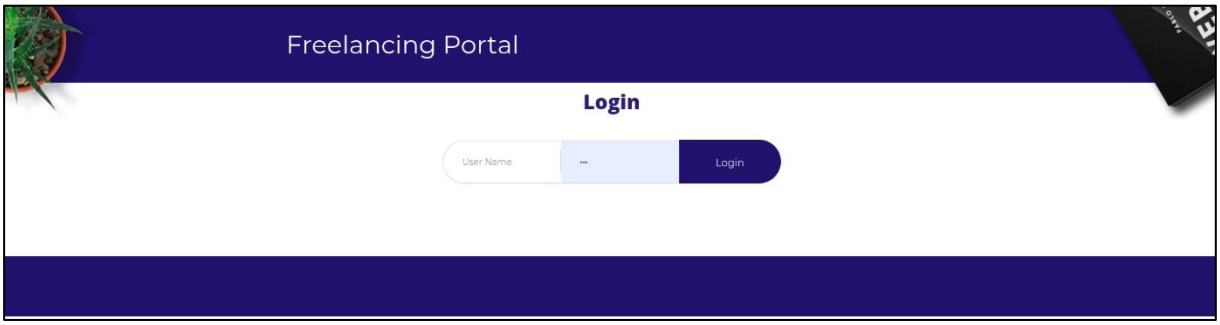
6.1. Home page:



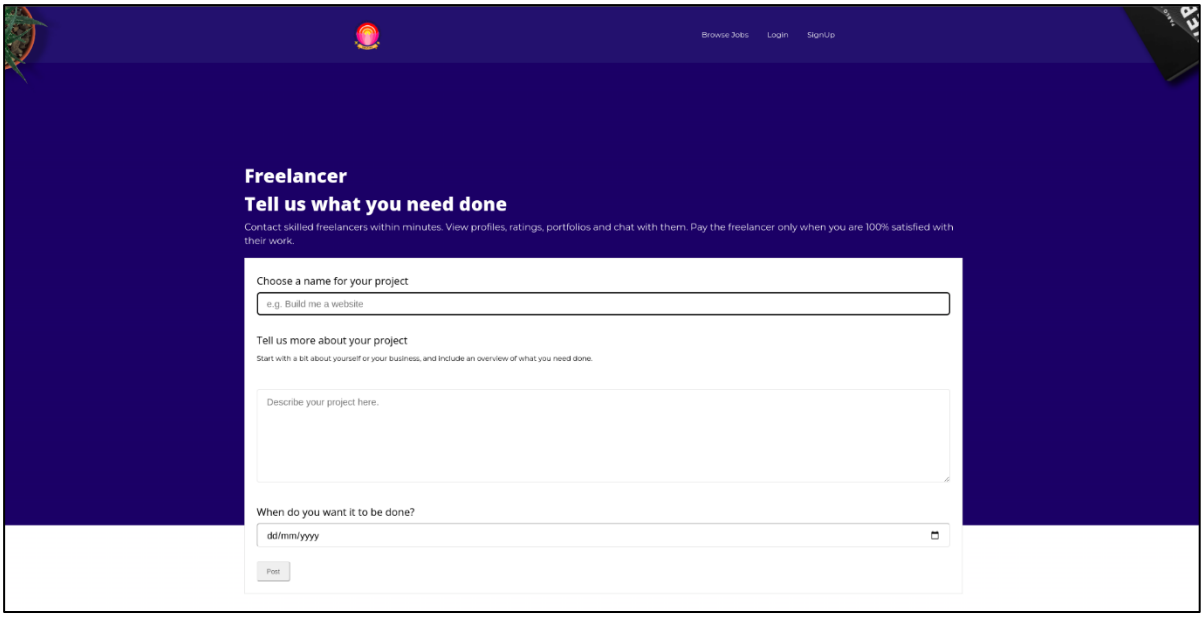
6.2. Sign-up/Register page:



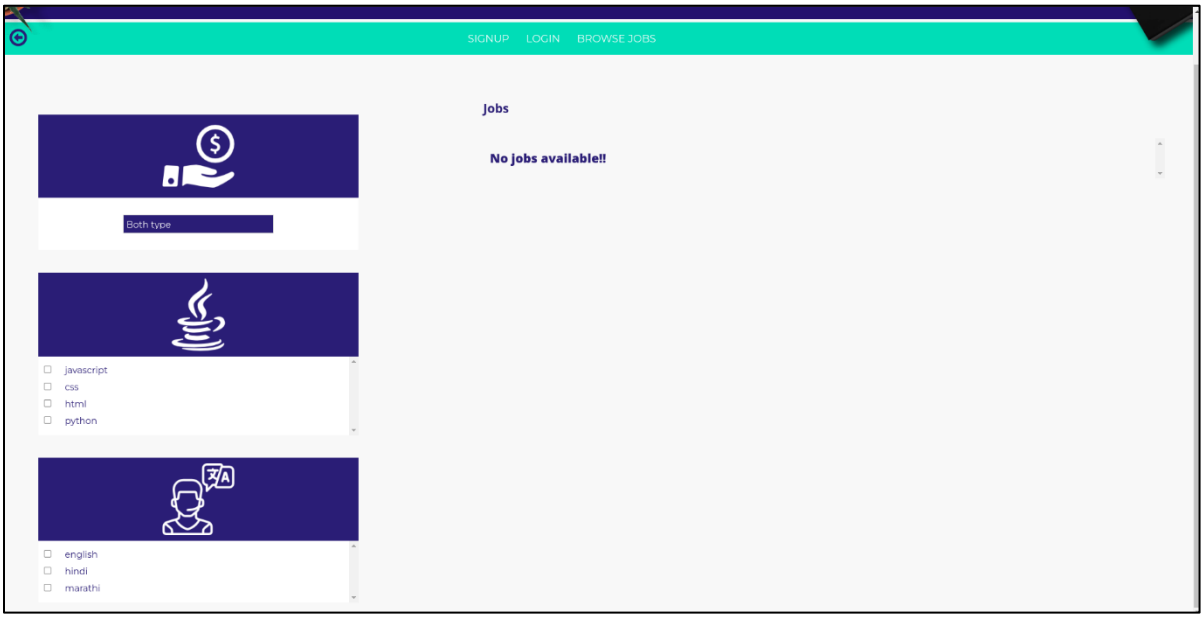
6.3. Login page:



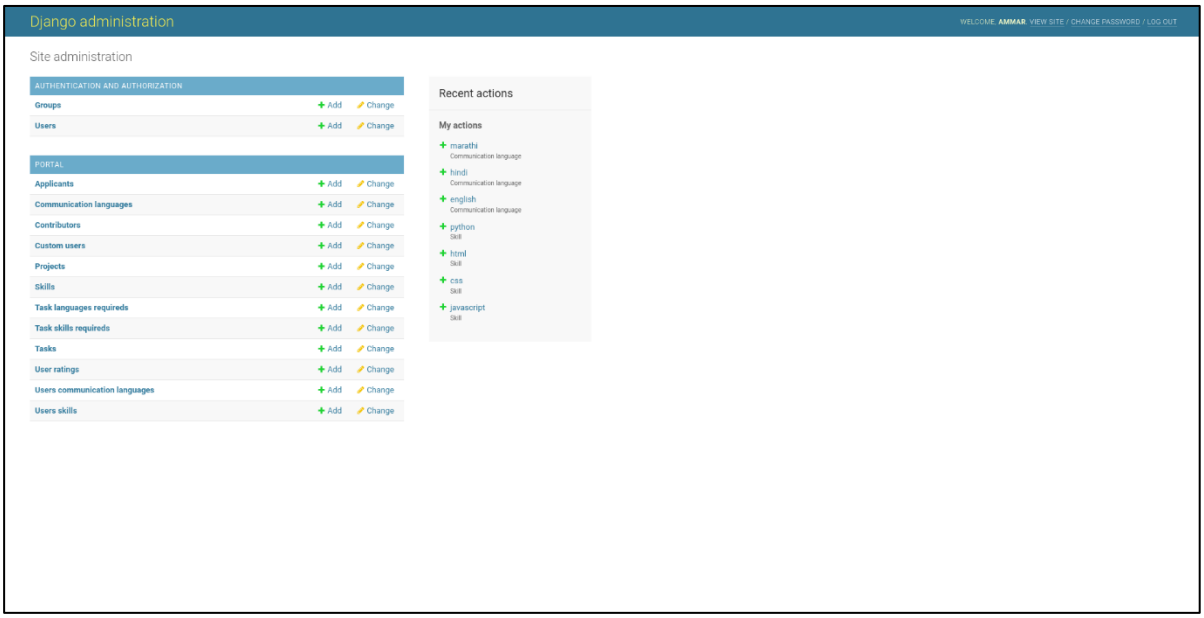
6.4. Post Project Page:



6.5. Browse Jobs Page:



6.6. Admin Page:



6.2. Block Diagram:

Chapter 7

Project Scheduling

Table 7.1 : Project Scheduling

Sr No.	Group Members	Time Duration	Work to be done
1.	Edwin George Abdul Hadi Shah Ammar Nagarji	In Month of January.	Creating GUI of website using HTML, JavaScript and CSS and developing backend of website using Python.
2.		In Month of February.	Creating a connectivity between frontend and Backend using Django Framework.
3.		In Month of March and April.	Connecting database and final completion of project.

Chapter 8

Conclusion:

In conclusion, the suggested freelancing website aims to seamlessly and efficiently link clients and developers. The website accelerates the project creation and delivery process by offering a platform where clients can post their project requirements and developers may accept and finish them. The user-friendly layout, comprehensive functionality, and emphasis on security, scalability, and SEO make the website a valuable and dependable platform for the freelancing community.

The website was created utilising HTML, CSS, JS, and the Django framework, as well as a database to hold user information and project requests. User registration, project posting, job searching, communication, project completion, and a rating and feedback system are among its features. The website's goal in delivering these functionalities is to improve the user experience for both clients and developers.

Overall, the suggested freelancing website has the potential to become a prominent platform in the freelancing market, serving as a vital resource for people looking to connect and cooperate on projects.

References:

[1] https://docs.djangoproject.com/en/3.2/

[2] https://developer.mozilla.org/en-US/docs/Web/HTML

[3] https://developer.mozilla.org/en-US/docs/Web/CSS

[4] https://developer.mozilla.org/en-US/docs/Web/JavaScript

[5] https://docs.microsoft.com/en-us/visualstudio/?view=vs-2022

[6] https://code.visualstudio.com/docs