

CollabShare: Collaborative Data Sharing Platform

ABSTRACT

In this web application ,the user can register himself, log in into it, user can upload a project code so that anyone can find the project code, and download that code, and they can reuse the source code of the downloaded project by modifying its code and also compile the code for checking correct or not and user can also ask, answer the question with details, The main aim of this project is to reduce the time and effort for building a new project which has an old format(concept). And to increase the reusability of the project source code. Using this application anyone can share the source code of there project and anyone can modify it and use it for there own purpose.

SOFTWARE REQUIREMENTS :

- ☐ **LANGUAGE USED** : PYTHON
- ☐ **DATABASE** : My SQL
- ☐ **SERVER** : PYTHON-FLASK
- ☐ **USER INTERFACE DESIGN** : HTML, CSS3, JQUERY, JAVASCRIPT
- ☐ **TEXT EDITORS** : NOTEPAD++, PYCHARM
- ☐ **BROWSER** : Chrome (90% zooming)

KEY WORDS : Code Sharing , Compiling The Code, Discussion

CHAPTER 1 – INTRODUCTION

File Transfer Web Application is used to upload any type of files like Zip-files, Images into a database table and can download type of Zip-files from the database.

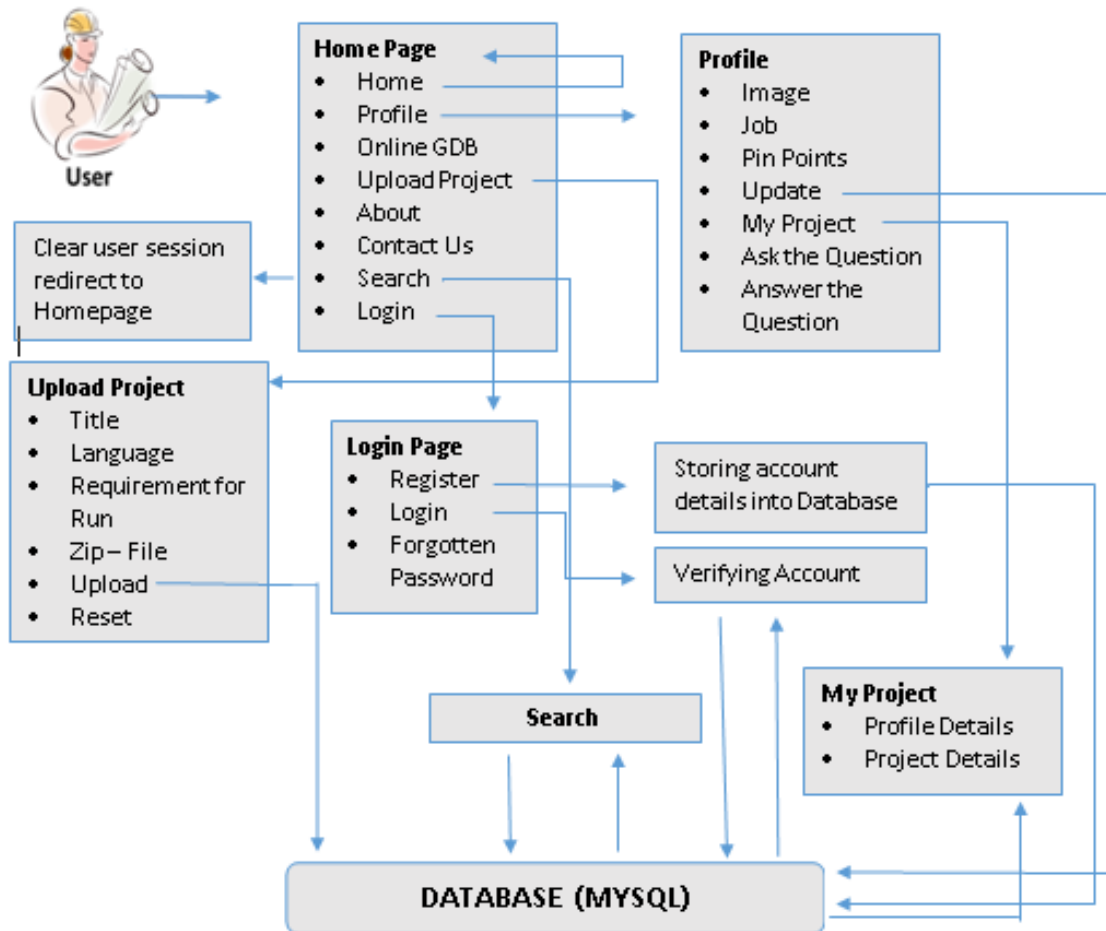
This web application is developed using Python-Flask web framework.

The web application is developed in 3 tier architecture involving user interface, controller and database. The user interface will be a web page hosted on a server. The web page consists of both static and dynamic content. All the data required for the application is stored in database tables. Controller accesses the data from the database and provides it to the user through user interface (web page).

User Interface:

The File Transfer web application contains seven web pages like Home page, Profile Page, online GDB page, Upload Project page, Search page, Contact Us page , About page , Login page. On every page there are seven buttons named Home, Profile , Upload Project, Search, Login , online GDB ,Contact Us and About and the user can click on any of the button to go to that particular page. The Home page and About page contains details about the project. . In the Profile page, the user can update their profiles into a database table by selecting update button and once the user click on the update button the details will be updated to a database table. In My Project page, retrieve data's from databases to display their current status details. In the Upload page, the user can upload any type of files into a database table by selecting any file from the computer using 'choose a file' button and once the user click on the upload button the file will be uploaded to a database table. The Search page contains all the files that are in the database table. When the user clicks on a particular file that is displayed on a Download page the file will be downloaded into the computer. In this way the user can upload and download files using File Transfer Web Application.

SYSTEM ARCHITECTURE



DETAILS ABOUT MYPROJECT MODULE

5.1-HOMEPAGE MODULES

The homepage has a link of all modules such as(profile, settings, upload project, find the article, find a project, ask the question, answer a question, Log out). this page will appear only after the login.

5.2 -LOG IN MODULE

5.2.1- Register Module

Register Module takes care of the process of registering the programmers, organization in this website with there details like(name, E-Mail, Password etc). these details are sent to the Database and store it. After entering the details, it will redirect to account verification and it will send OTP to the entered email .if the user entered OTP is matched it will redirect the page to home page.

5.2.2- Log In Module

Login module takes care of the process of a sign in to this website, it is formed with two fields like (Mail, Password). After entering the value of these two fields user need to click Log in button.The control goes to the database to verify the account. If the user entered details is matched with database details, the control will redirect the page to the homepage.

5.2.3-Forget Password Module

If the user forgets the password of the account, they don't need to worry there is a link in login page as(forgotten password) they can click it, and re-enter the mail id that they already linked with the account previously , this application send an OTP to the mail , The user can enter the OTP to recover there Account, After OTP verification the control will redirect to homepage.

5.2.4- Log out

Log out is the process of exiting the website, log out links, after clicking this link control go to the login page of the website, and it will clear all session data of the user.

5.3-MyPROFILE

The user can update their profile with the details of a profile such as (Upload Image, Job, Pinpoints remember), The File will store in database with user name and emailid. Other buttons are their like my project ,answer to do ,ask the question.

5.3.1-MyProject

This page shows about the profile and project Details.

The user can see update their profile with the details of a profile such as (Upload Image, Job, Pinpoints remember), The user can see upload a project in zip file format, and with the details of a project such as (Project title, Language used, Requirements to run the project etc..), The Files stored from database .

5.3.2 Ask question

The user can ask doubt in this websites, the user can enter the question and which subject is based. The question will store in the database.. it will be displayed to other users, so any other user can answer to it

5.3.3 Answer question

The user can answer for the others user's question, there is a button (unanswered question) to view all unanswered question, it will be displayed to all users, so any user can answer to it .if any user give an answer to a question it will store in the database.

5.4-UPLOAD PROJECT

The user can upload a project in zip file format, and with the details of a project such as (Project title, Language used, Requirements to run the project etc..), The File will store in database with project title name.

5.5 Search project

The user can search the project title in this website, if the entered title is available in the database it will show the result with matched and relevant project

Download project

With the help of search project module the user can find they needed projects if any project satisfies the user needs, they can download it in zip format, there is a button in every project division to download the project,

5.6 DETAILS

5.6.1 Contact us

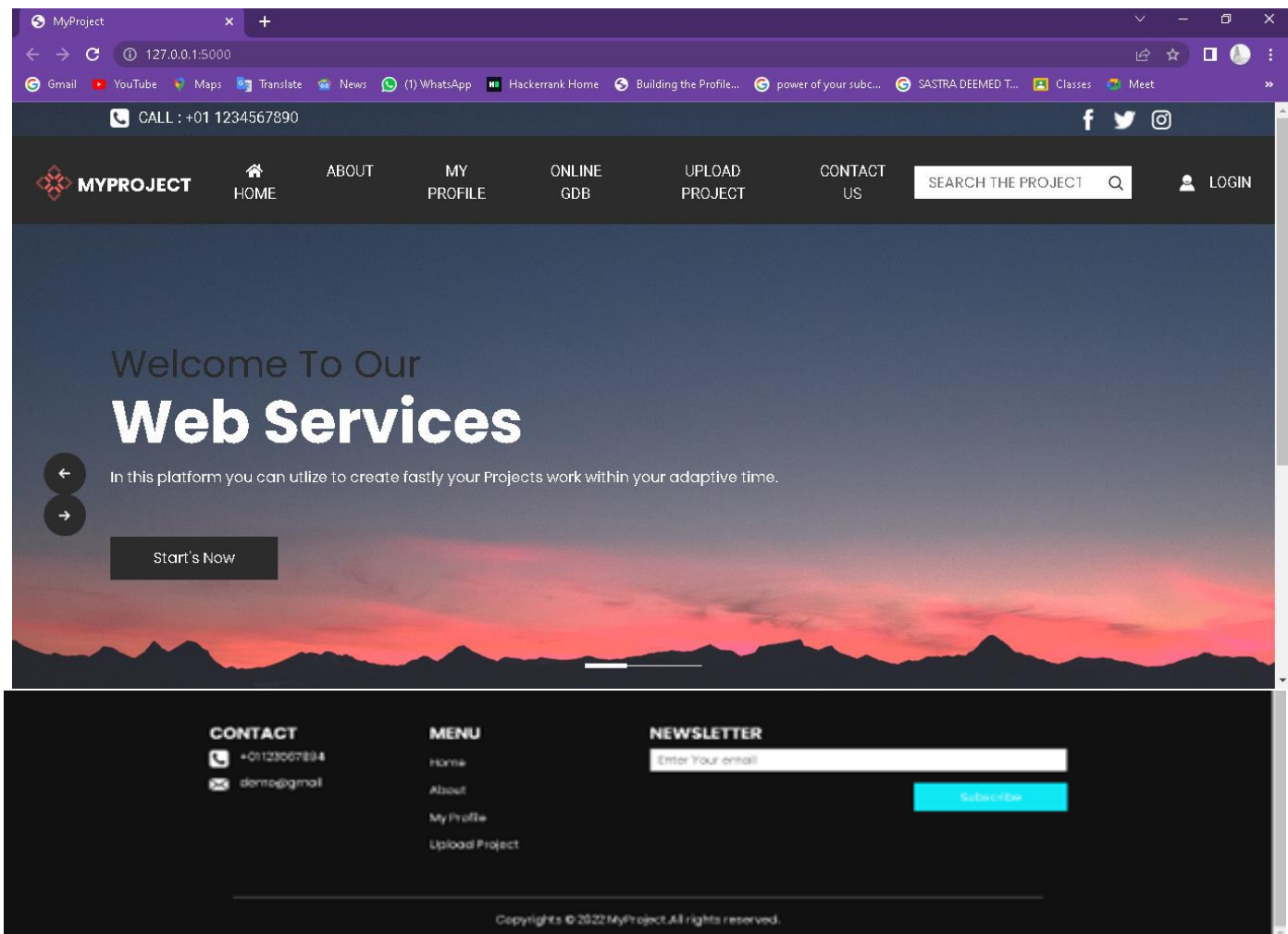
We Have an account in all social media so, The user can contact the developer's team through any social media such as (Facebook, Instagram, Twitter, Google+, Youtube).by contacting developers they can give the feedback about this application.

5.6.2 About us

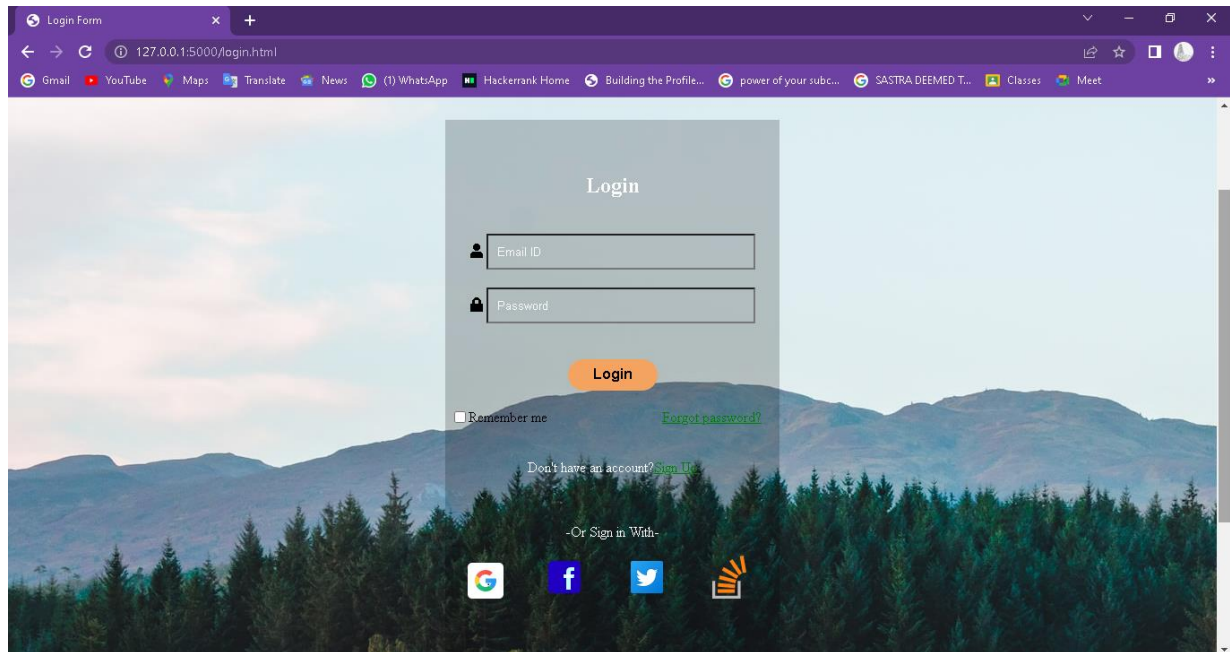
This section has all the details about the developers of this project so that everyone can see details about an individual developer.

CHAPTER 7 – SNAPSHOTS

HOMEPAGE



LOGIN PAGE



Login Form

127.0.0.1:5000/login.html

Gmail YouTube Maps Translate News (1) WhatsApp Hackerrank Home Building the Profile... power of your subc... SASTRA DEEMED T... Classes Meet

Login

Email ID





Password

Login

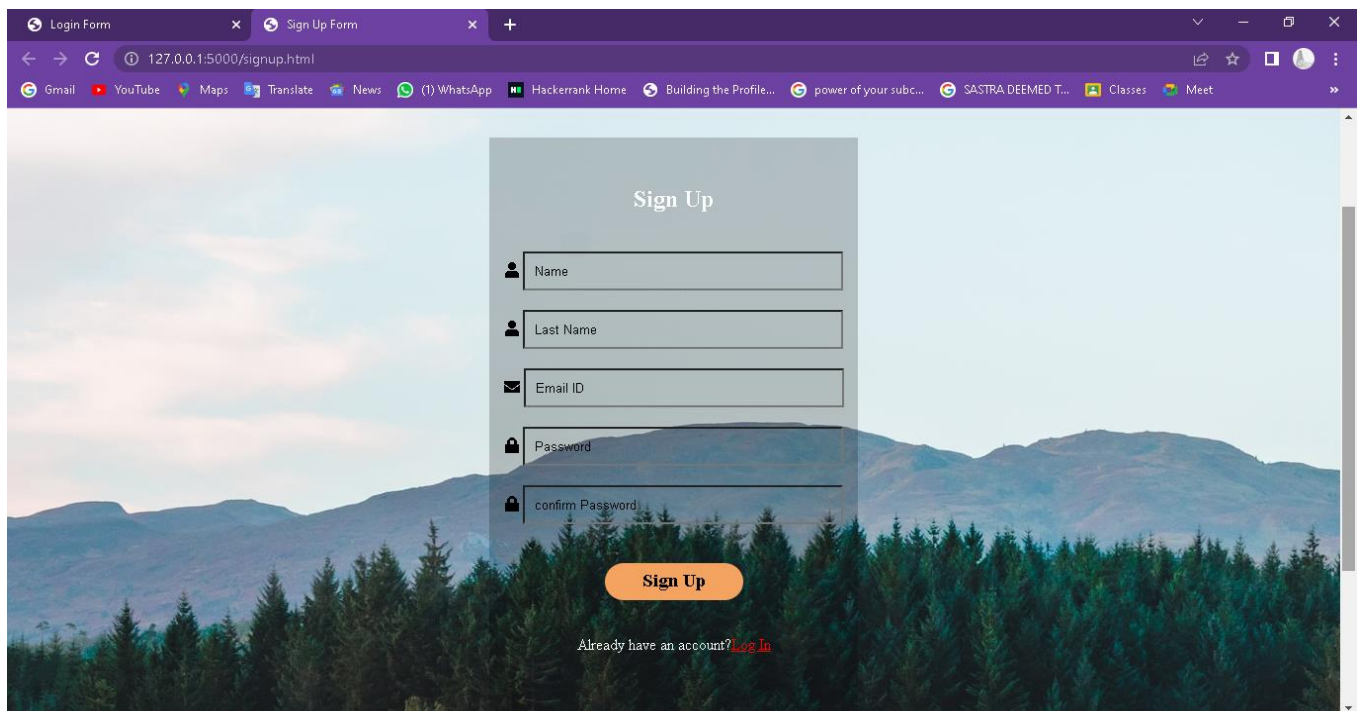
☐ Remember me [Forgot password?](#)

Don't have an account? [Sign Up](#)

-Or Sign in With-

SIGNUP PAGE



Sign Up Form

127.0.0.1:5000/signup.html

Gmail YouTube Maps Translate News (1) WhatsApp Hackerrank Home Building the Profile... power of your subc... SASTRA DEEMED T... Classes Meet

Sign Up

Name

Last Name

Email ID

Password

confirm Password

Sign Up

Already have an account? [Log In](#)

MY-PROFILE PAGE

My Profile

127.0.0.1:5000/login.html

CALL : +01 1234567890

MYPROJECT

HOME

ABOUT

MY PROFILE

ONLINE GDB

UPLOAD PROJECT

CONTACT US

SEARCH THE PROJECT

LOGOUT

PROFILE

Upload Image

USER NAME

siva

Mail ID

sivavisu2003@gmail.com

Job

Pin Points Remember :

Comments!....

UPDATE

MY PROJECTS

Do ANSWER

MY QUESTIONS

CONTACT

+01123567894

demo@gmail

MENU

Home

About

My Profile

Upload Project

NEWSLETTER

Enter Your email

Subscribe

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UPLOAD-PROJECT PAGE

Login Form

Sign Up Form

Upload Project

+

127.0.0.1:5000/project.html

Gmail

YouTube

Maps

Translate

News

(1) WhatsApp

Hackerrank Home

Building the Profile...

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SASTRA DEEMED T...

Classes

Meet

CALL : +01 1234567890

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MYPROJECT

HOME

ABOUT

MY PROFILE

ONLINE GDB

UPLOAD PROJECT

CONTACT US

SEARCH THE PROJECT

Q

LOGOUT

New Project

Requirements to run this Project...

-Please Select **zip** Folder-

Choose File No file chosen

Upload

Cancel

CONTACT

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demo@gmail

MENU

Home

About

My Profile

Upload Project

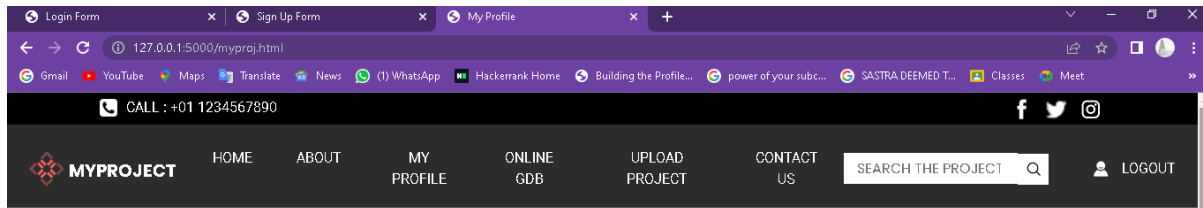
NEWSLETTER

Enter Your email

Subscribe

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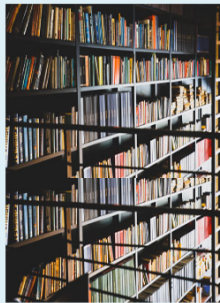
MY-PROFILE PAGE



MY-Project

Profile Details

Profile Photo



USER NAME siva

Mail ID sivavisu2003@gmail.com

Job testing manager

Pin Points Remember :

next process the prodmast

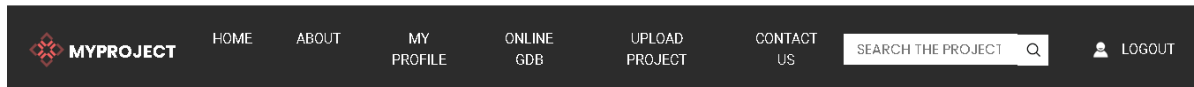
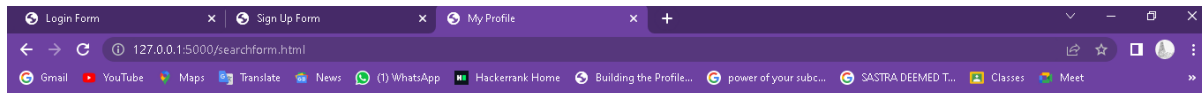
Project Details

Welcome siva

Add Project

Date	Title	Language	Run Requirements	project File	
2022-11-29 16:31:05	project1	dot net	Visual Studio	WSN-Localization-master.zip	Delete
2022-11-29 16:31:44	pro2	HTML	Notepad++	Medion Free Website Template - Free-CSS.com (1).zip	Delete
2022-11-29 16:53:19	project50	schola	visual studio	EduKate Free Website Template - Free-CSS.com.zip	Delete
2022-12-02 15:50:29	pro35	c#	visual studio	countdown calculator.zip	Delete

SEARCH PAGE

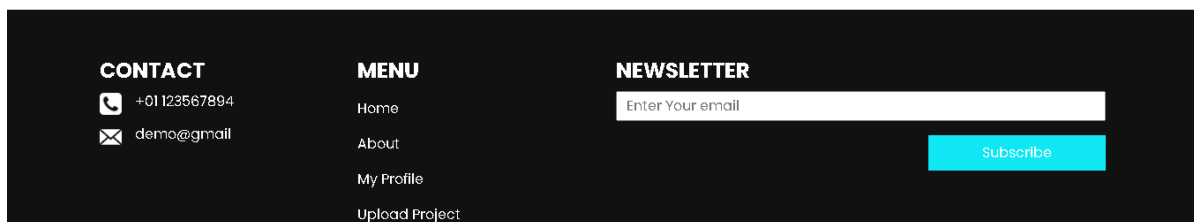


Search Here....!!!

Search All Fields

5 Records Found

Owner Name	Title	Language	Run Requirements	project File	
{'name': 'siva'}	pro35	c#	visual studio	countdown calculator.zip	Download
{'name': 'bala'}	pro2	python	pycharm	python library management.zip	Download
{'name': 'siva'}	project50	schola	visual studio	Edukate Free Website Template - Free-CSS.com.zip	Download
{'name': 'siva'}	pro2	HTML	Notepad++	Medion Free Website Template - Free-CSS.com (1).zip	Download
{'name': 'siva'}	project1	dot net	Visual Studio	WSN-Localization-master.zip	Download



CONTACT-US PAGE

Login Form

Sign Up Form

Contact

127.0.0.1:5000/contact.html

GmailYouTubeMapsTranslateNewsWhatsAppHackerrank HomeBuilding the Profile...power of your sub...SASTRA DEEMED T...ClassesMeet

CALL : +01 1234567890

fTwitterInstagram

MYPROJECT

HOMEABOUTMY PROFILEONLINE GDBUPLOAD PROJECTCONTACT US

SEARCH THE PROJECT

LOGOUT

REQUEST A CALL BACK

Name

Phone Number

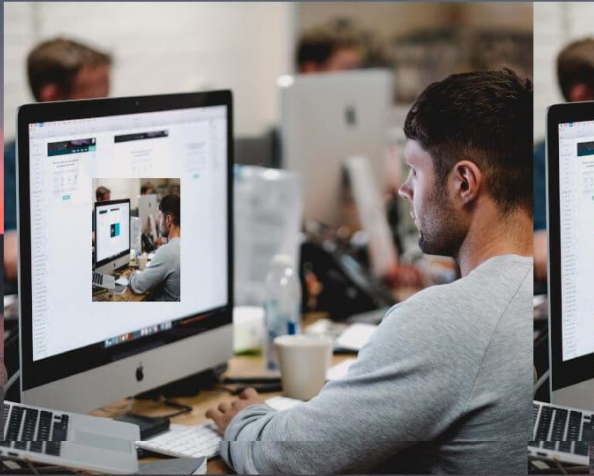
Email

Select Language

C

Message

Send



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Home

About

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ABOUT

MY PROFILE

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UPLOAD PROJECT

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SEARCH THE PROJECT

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ABOUT US



It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters, as opposed to using 'Content here, content here', making it

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CHAPTER 8 - CONCLUSION AND FUTURE WORKS

Using this web application ,the user can register himself, and log in into it, user can upload a project so that anyone can find the project, and download the project, and they can reuse the source code of the downloaded project by modifying its code ,And the user can also upload the profiles about a self ,other users can find the projects, and can download it, And user can also ask, answer the question with details, The main aim of this project is to reduce the time and effort for building a new project which has an old format(concept). And to increase the reusability of the project source code. Using this application anyone can share the source code of there project. and anyone can modify it and use it for there own purpose.

CHAPTER 9 – REFERENCES

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- 2]GeekforGeeks – <https://geekforgeeks.com/>
- 3] Java Point - <https://javapoint.com/>
- 4] Code with Tim-
https://www.youtube.com/playlist?list=PLoxEsnj0ZqU9VmoUHHYipXpXQKE_ZXu2-
- 5]PYTHON-FLASK- <https://www.w3schools.com/python/>
- 6]OPEN AI - <https://openai/playground.com/>