

ONLINE CODE COLLABORATION PLATFORM

ABSTRACT

The project 'Online Code Collaboration Platform' aims to create a web-based platform Where users, particularly programming students, can collaboratively write and execute code in Real-time. This platform could be used for coding assignments, group projects, and learning Purposes. Users can work together on coding tasks, see changes in real-time, and execute the Code instantly to see the output. The platform can support multiple programming languages and Provide features like syntax highlighting, version control, and chat functionality to enhance Collaboration. This web-based platform also provides Collaborative Project Management Tool That enables teams to plan, organize, and track tasks collaboratively, fostering effective Communication and project coordination. Allow users to create new projects, set project deffective Deadlines, and assign team members to specific roles and create a system for adding edit effective. Assigning tasks within projects. Tasks should include details like descriptions, due dates, Priorities, and dependencies. This website provides a Gantt chart to visualize project timelines, Task dependencies, and progress. This helps teams manage project schedules effectively. And set Notifications to alert users about task assignments, due date reminders, and changes in task Status. Develop features for real-time collaboration, including commenting on tasks, status Updates, and file sharing within tasks and integrate messaging or chat functionality that allows Team members to communicate directly within the platform. You'll gain experience in web Development, database management, user interface design, and real-time collaboration features.

Guided By,

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Team members,

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MODULE DESCRIPTION

1. ADMIN

- Authority to approve and reject user registration
- Manage user accounts for safe and secure community
- Resolve technical issues, including user-reported problems and system errors

2. User

- New users can register by providing necessary detail
- Registered users can login to their profile by entering their username and password
- Registered users can create projects

TABLE DESIGN

Table: Student

Description: Student table to store student information

Field Name	Data type	Constraints
Student_id	Int	Primary key
Student_name	Varchar	Not Null
Phone_number	Varchar	Not Null
Email_id	Varchar	Not Null
Password	Varchar	Not Null

Table :Guide

Description : Guide table to store guide information

Field Name	Data type	Constraints
Guide_id	Int	Primary key
Guide Name	Varchar	Not Null
Phone number	Number	Not Null
Email_id	Varchar	Not Null
Password	Varchar	Not Null

Table : Manager

Description : To store Manager information

Field Name	Data type	Constraints
Manager_id	Int	Primary key
Manager_name	Varchar	Not null
Phone number	Varchar	Notnull
Email_id	Varchar	Not Null
Password	Varchar	Not Null

Table : Team member

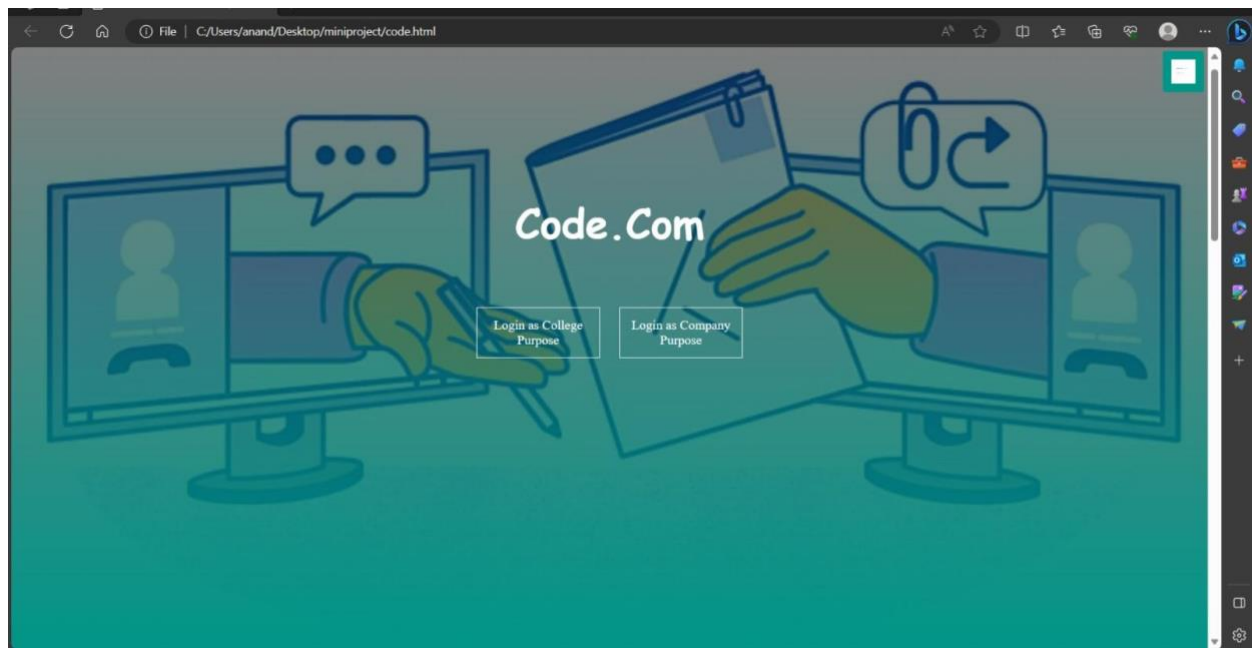
Description: to store team members information

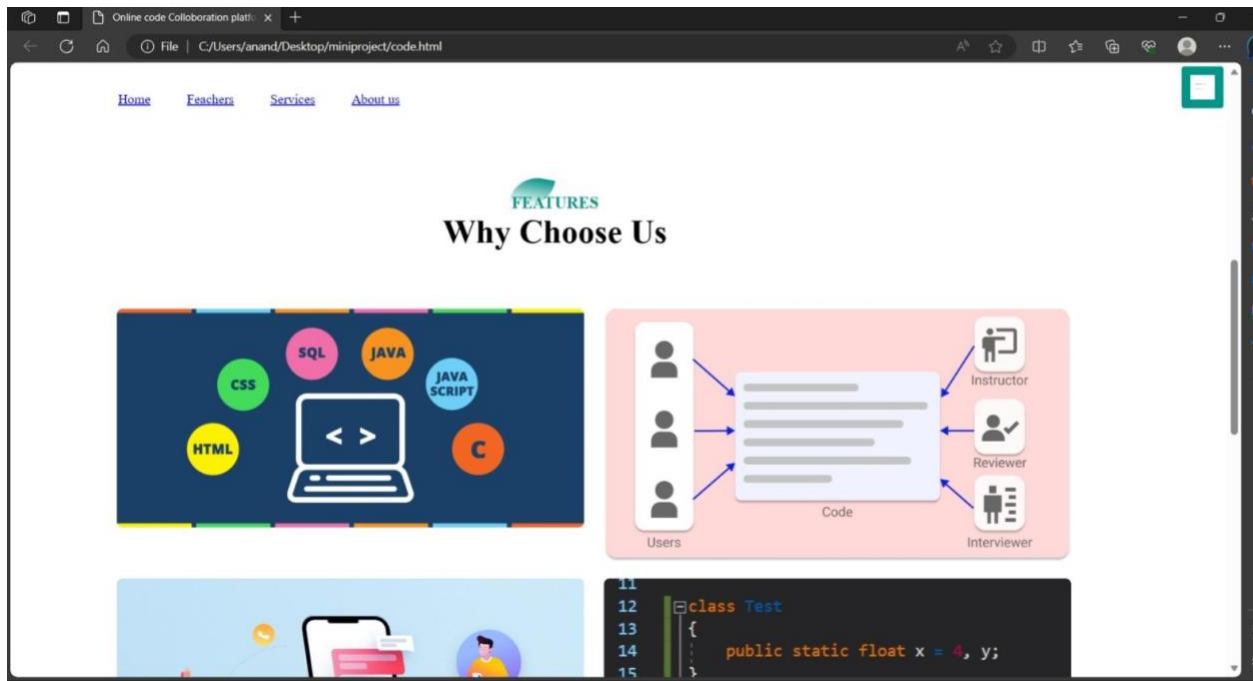
Field Name	Datatype	Constraints
Team_member_id	Int	Primary key
Name	Varchar	Not Null
Phone_number	Varchar	Not Null
Email_id	Varchar	Not Null
Password	Varchar	Not Null

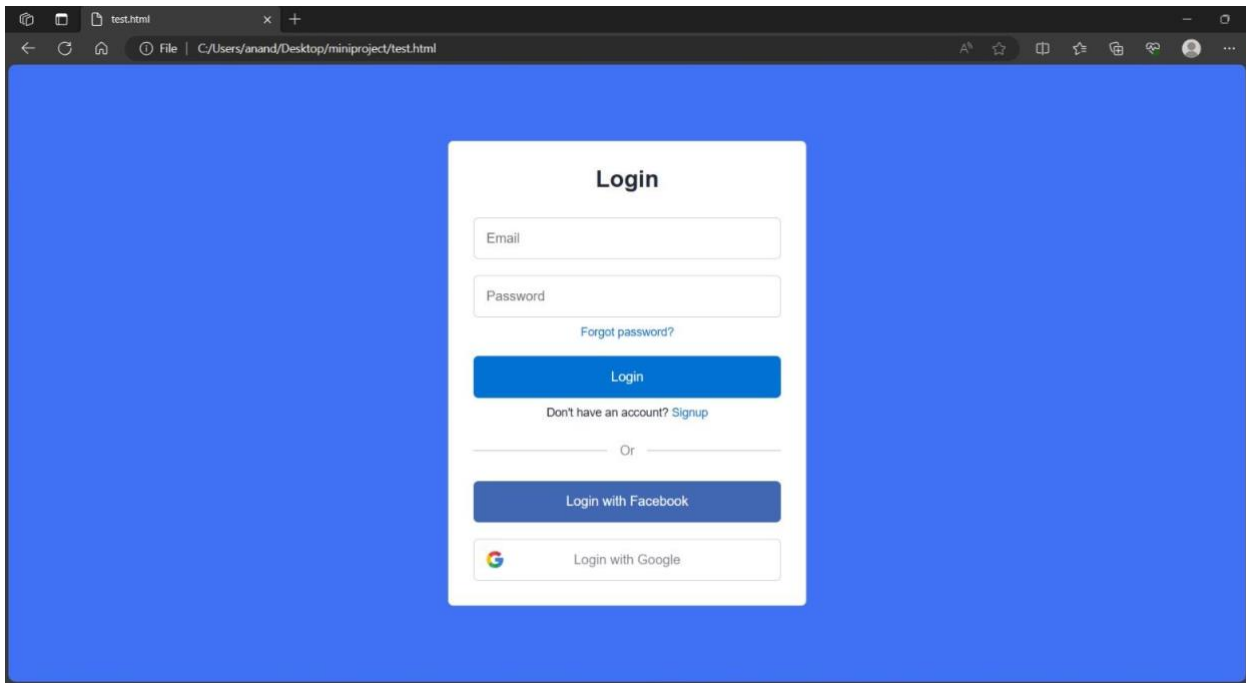
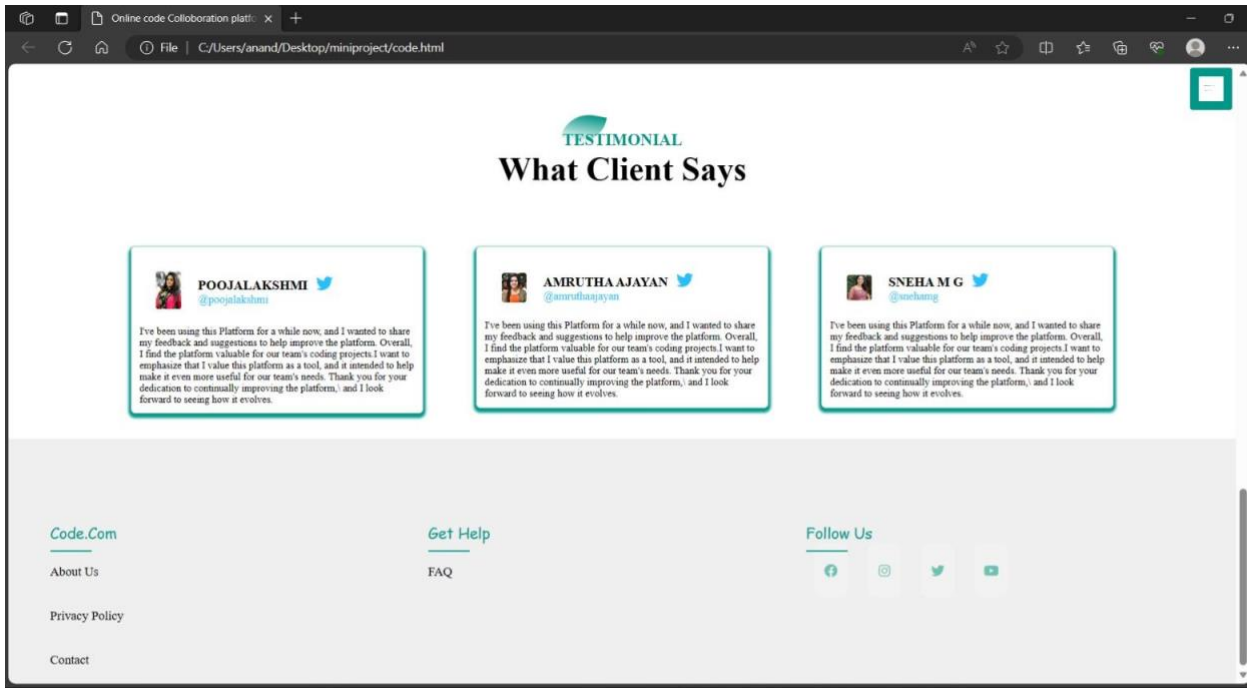
Table : login

Description : table used to store login details

Field Name	Data type	Constraints
Login_id	Int	Primary key
Username	Varchar	Not Null
Password	Varchar	Not Null
Login_type	Varchar	Not Null







Responsive Registration Form | C xIndividual and Team Event Regist x+

File | C:/Users/LENOVO/Desktop/MINI%20PROJECT/register.html

Registration

Full Name

Enter your name

Username

Enter your username

Email

Enter your email

Phone Number

Enter your number

Password

Enter your password

Confirm Password

Confirm your password

Gender

☐ Male

☐ Female

☐ Prefer not to say

Options For Register

☐ Individual

Do you need help finding a team?

Yes, Please match me with a team

☐ Team

How many on your team?

Team name

Institute/School

Enter full team members name

Register

Already have an account? Login

25°C Mostly cloudy

ENG 3:17 AM