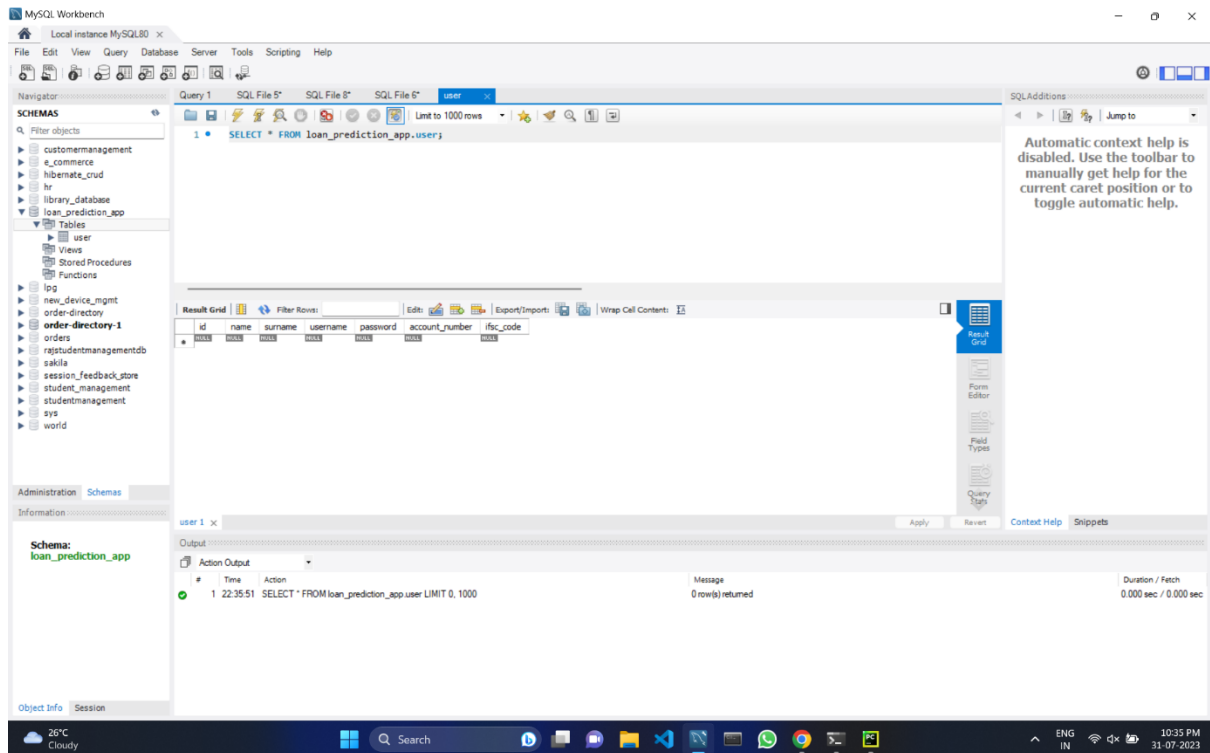


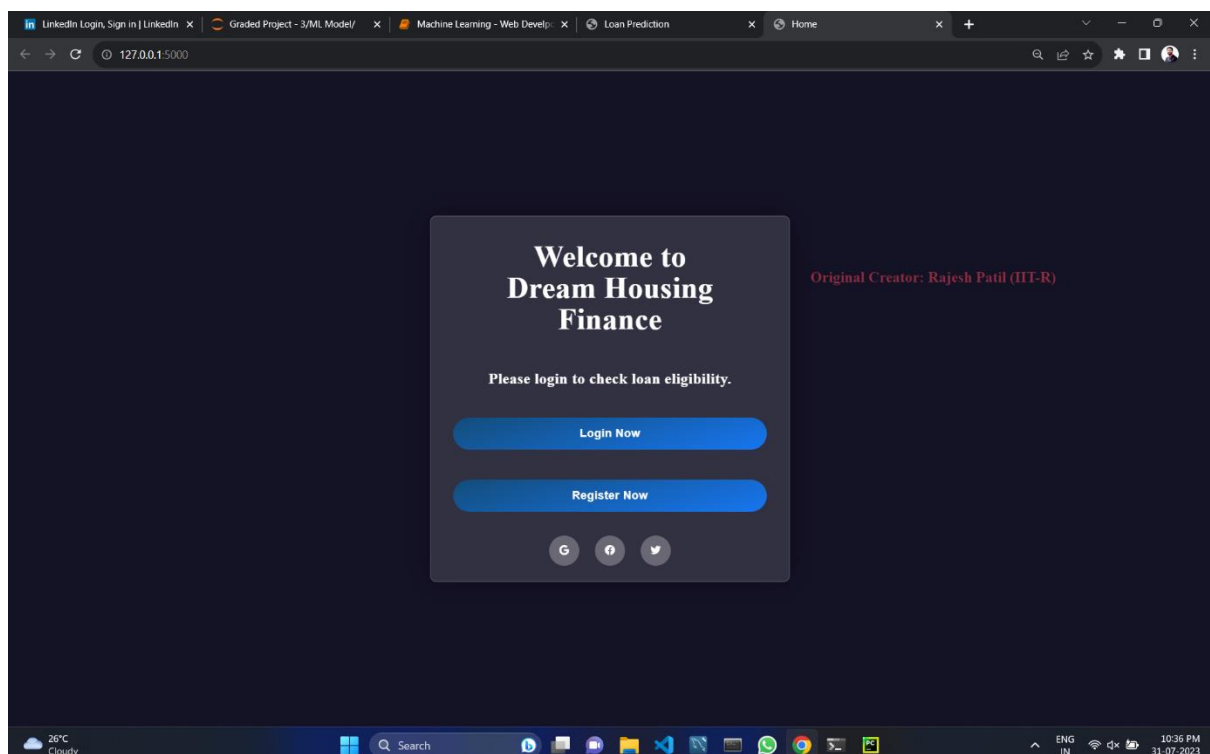
Machine Learning - Web App Development Using Flask : Graded Project 3

Developed By – Rajesh Patil

1. Before proceeding with data insertion, thoroughly review the table structure in MySQL Workbench to ensure accuracy and data integrity.



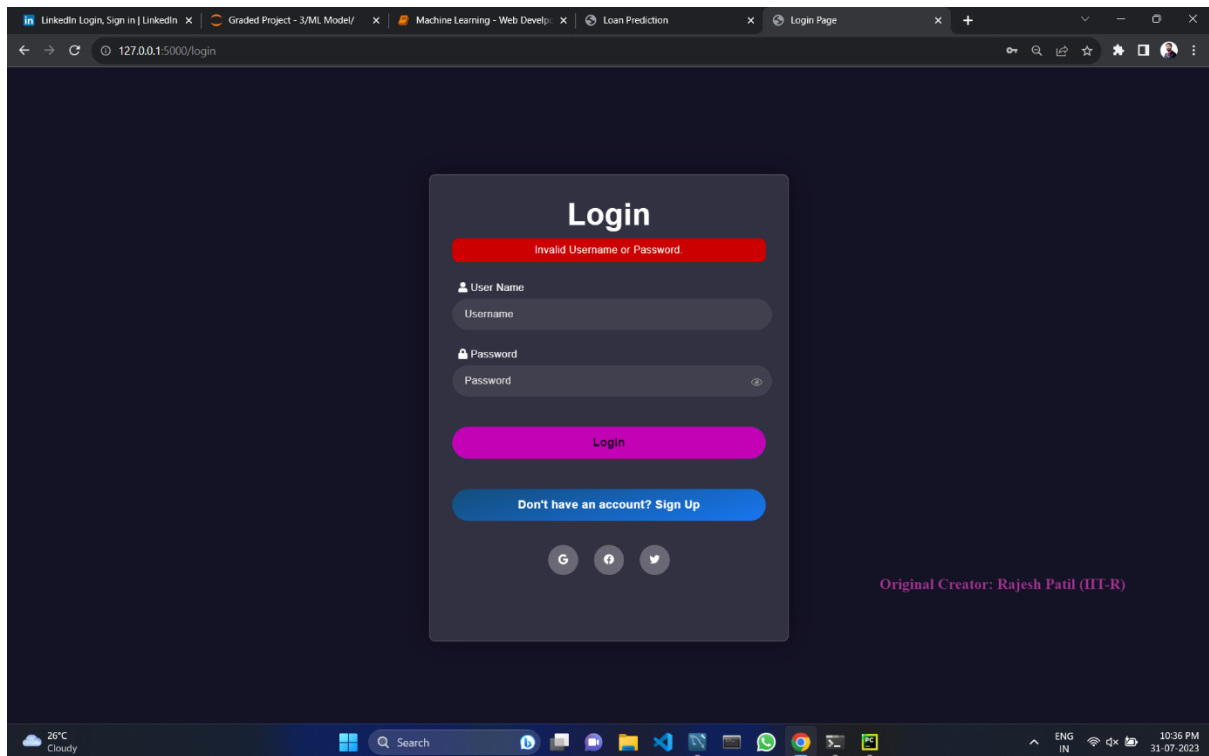
2. Designed an engaging and user-friendly Home Page for the website, incorporating intuitive navigation and compelling content.



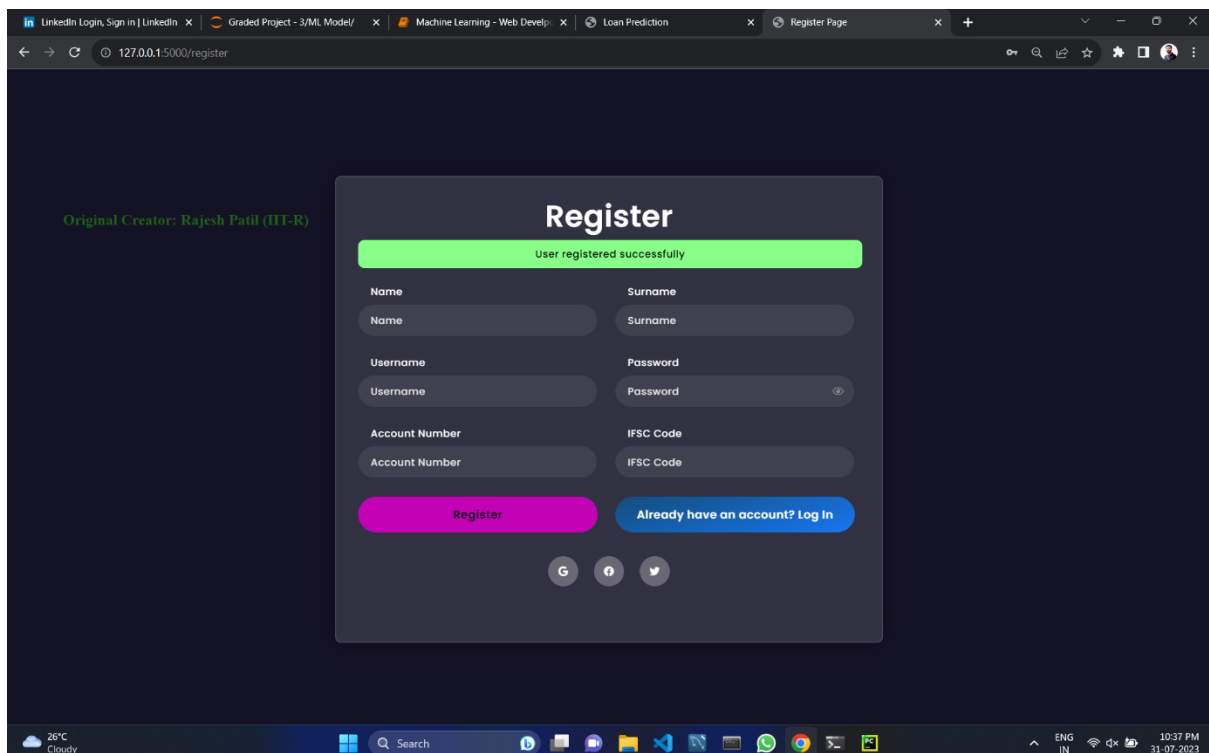
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3. The Login Page by displaying a clear error message when a user attempts to log in with unregistered credentials, guiding them to register for access.



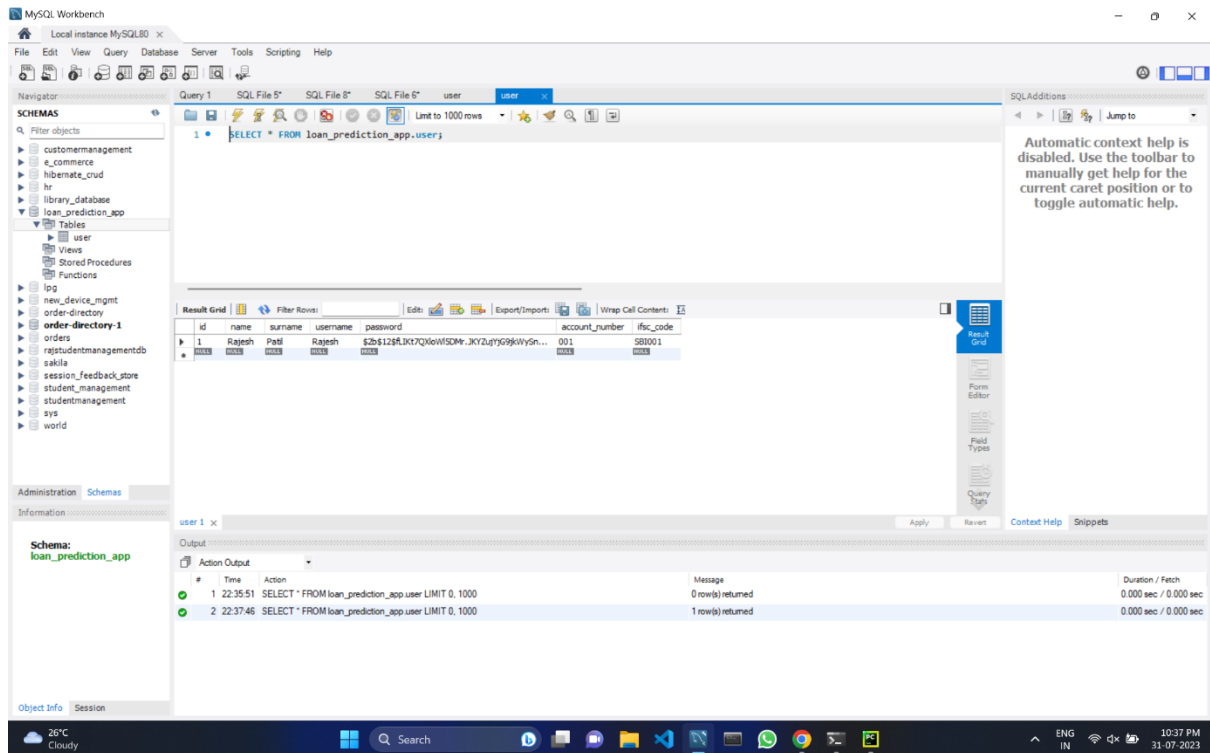
4. The Registration Page to provide a user-friendly experience, displaying a confirmation message upon successful registration, reassuring users that their registration was completed successfully.



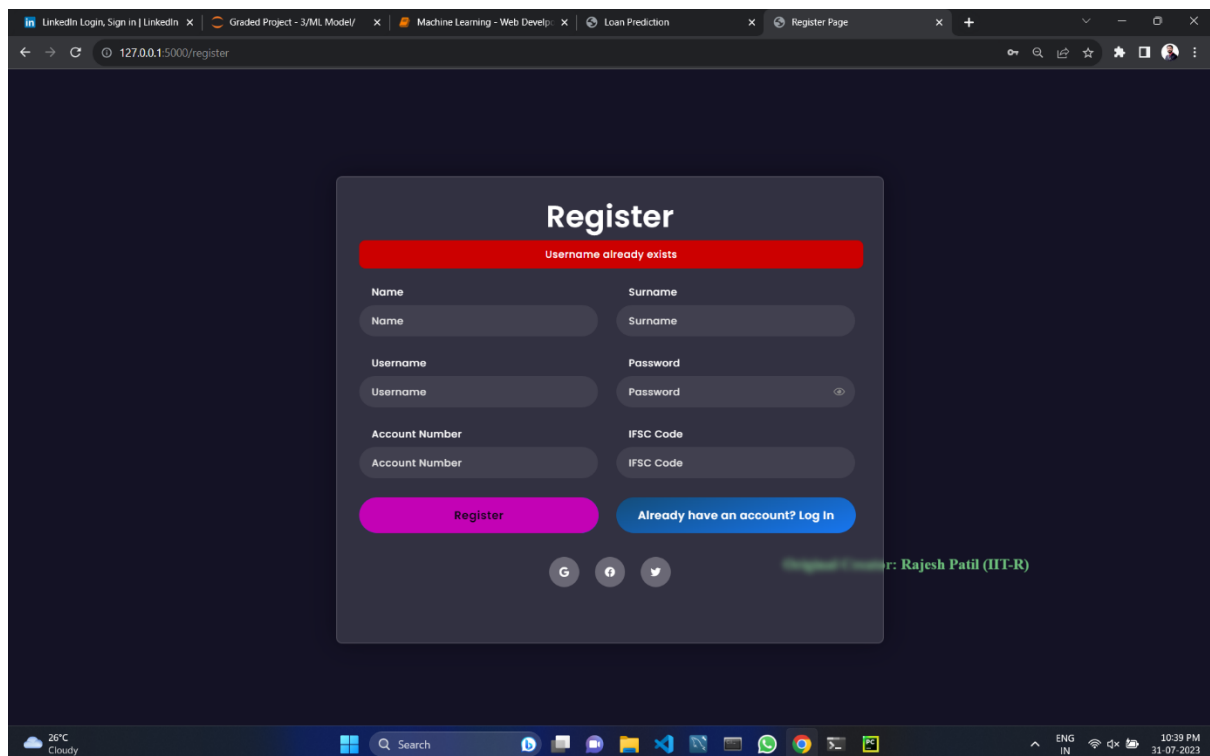
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5. The project incorporates enhanced security and data protection by configuring MySQL Workbench to handle user data insertion with encrypted passwords.



6. The Registration Page by implementing a validation mechanism to check for existing usernames, displaying a user-friendly error message if the entered username already exists.



Machine Learning - Web App Development Using Flask : Graded Project 3

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7. The Prediction Page to provide a clear and positive message, indicating that the user is eligible for a loan.

The screenshot displays a web browser window with the URL `127.0.0.1:5000/predict`. The page title is "House Loan Eligibility Prediction". A green banner at the top of the form area reads "Congrats...!! You are eligible for the loan." Below this, a message says "Please enter the details to check your house loan eligibility." The form contains several input fields: Gender (Male), Applicant Income (\$) (0), Married (No), Loan Amount (\$) (0), Dependents (0), Loan Amount Term (in months) (0), Education (Graduate), Credit History (No), Self Employed (No), and Property Area (Rural). At the bottom of the form are two buttons: "Check Eligibility" (pink) and "Press here to Logout" (blue). The browser's taskbar at the bottom shows the system time as 10:40 PM on 31-07-2023.

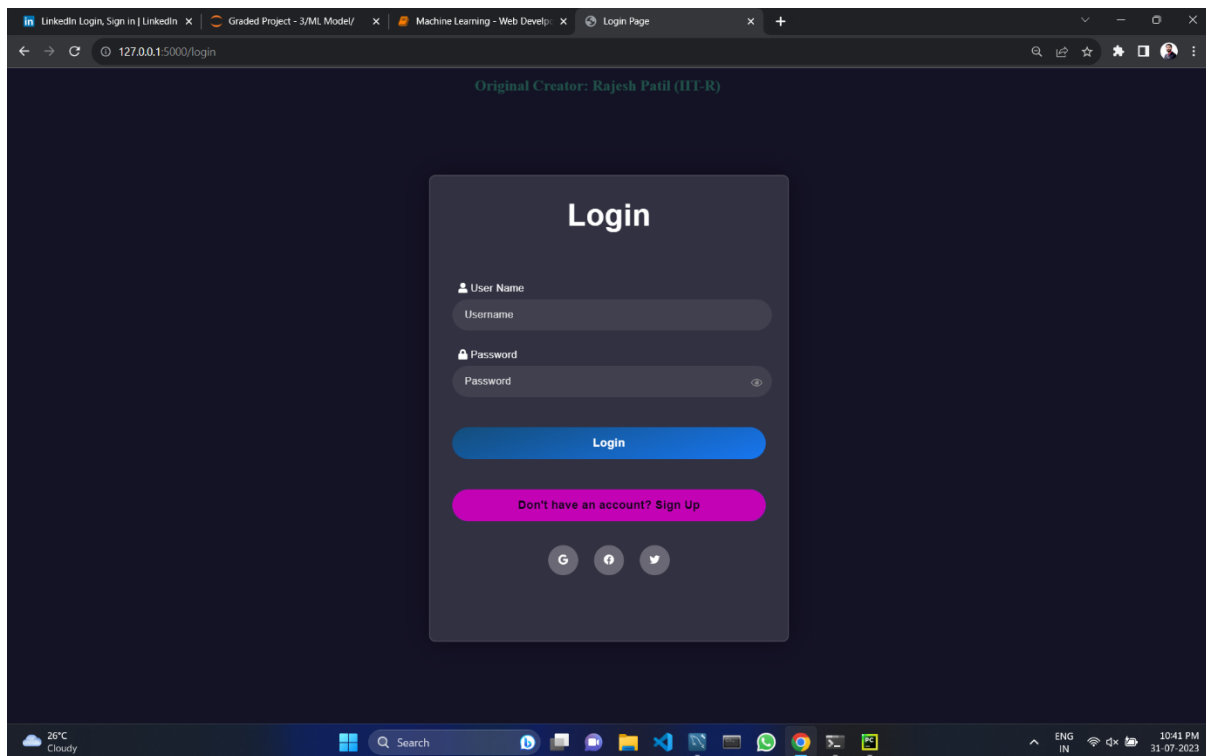
8. The Prediction Page to convey the message that the user is not eligible for a loan in a respectful and informative manner.

The screenshot displays the same web browser window and form as the previous image. However, the message at the top of the form area is now "Sorry, you are not eligible for the loan." in a red banner. All other elements, including the input fields and buttons, remain the same. The browser's taskbar at the bottom shows the system time as 10:41 PM on 31-07-2023.

Machine Learning - Web App Development Using Flask : Graded Project 3

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9. Upon clicking the "Logout" button on the Predict Page, the user get redirected to the "Login Page".



10. I have developed an Android App too for same project.

