

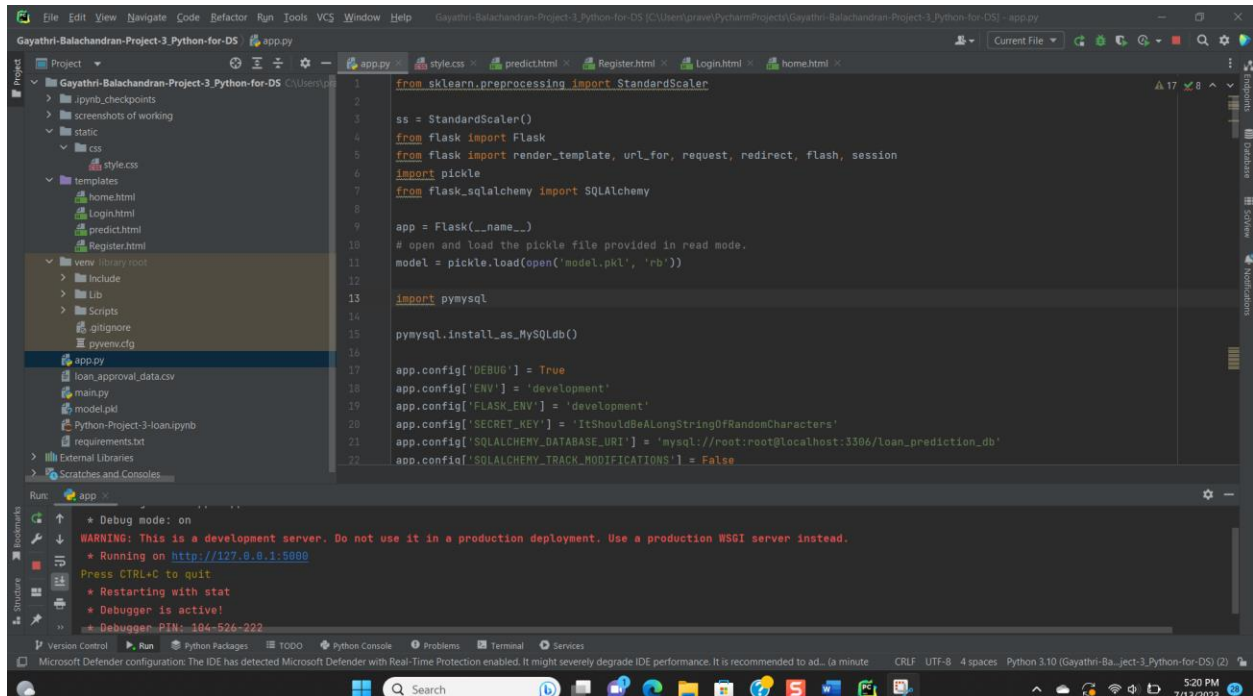
1. Created Database loan_prediction_db using below SQL:

create database loan_prediction_db;

mySQL db username and password that I have is root and root respectively. (Have configured same in app.py).

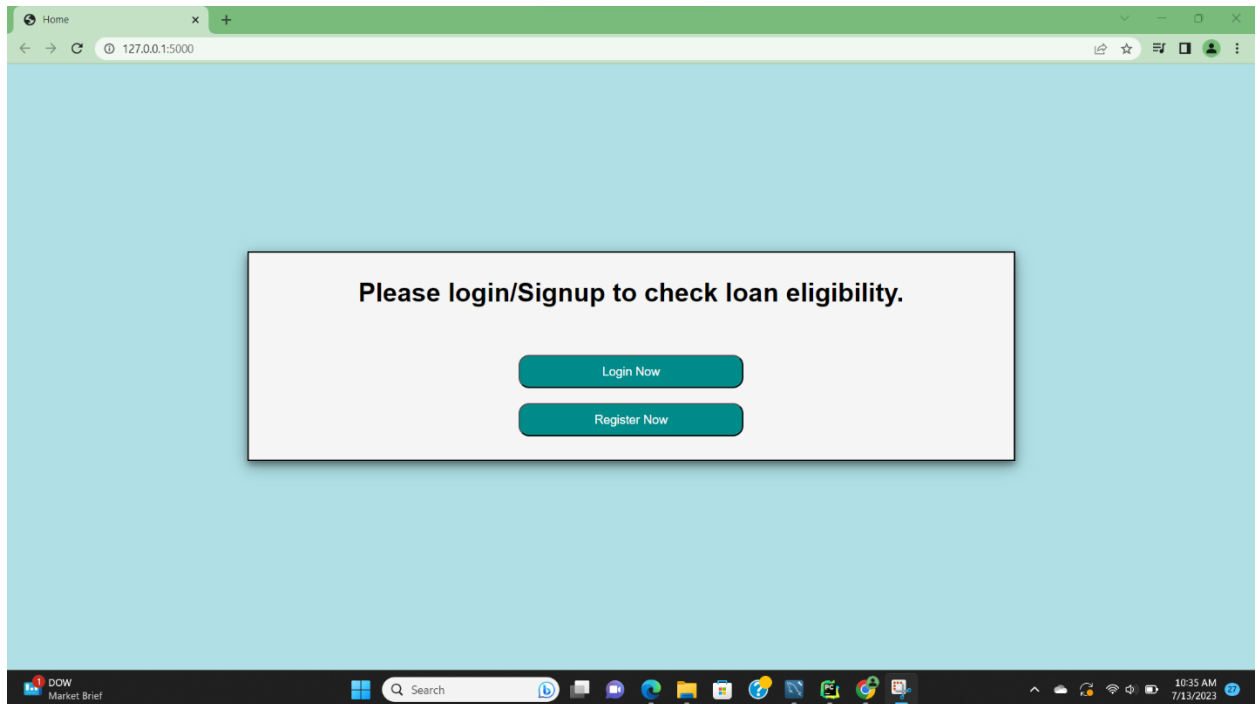
2. Project screenshot:

PROJECT OPENED IN PYCHARM WITH app.py and have run the app – app is active now on <http://127.0.0.1:5000>

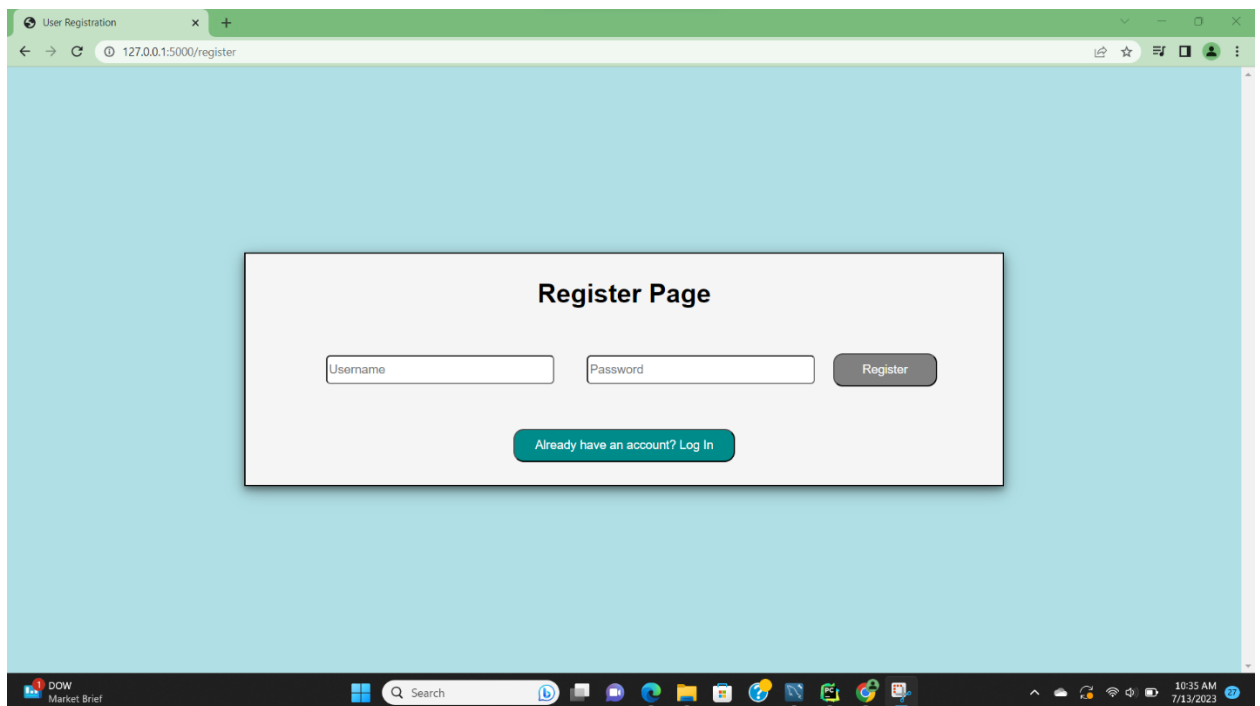


Click on the server <http://127.0.0.1:5000> to launch home page

3. Home page is launched:

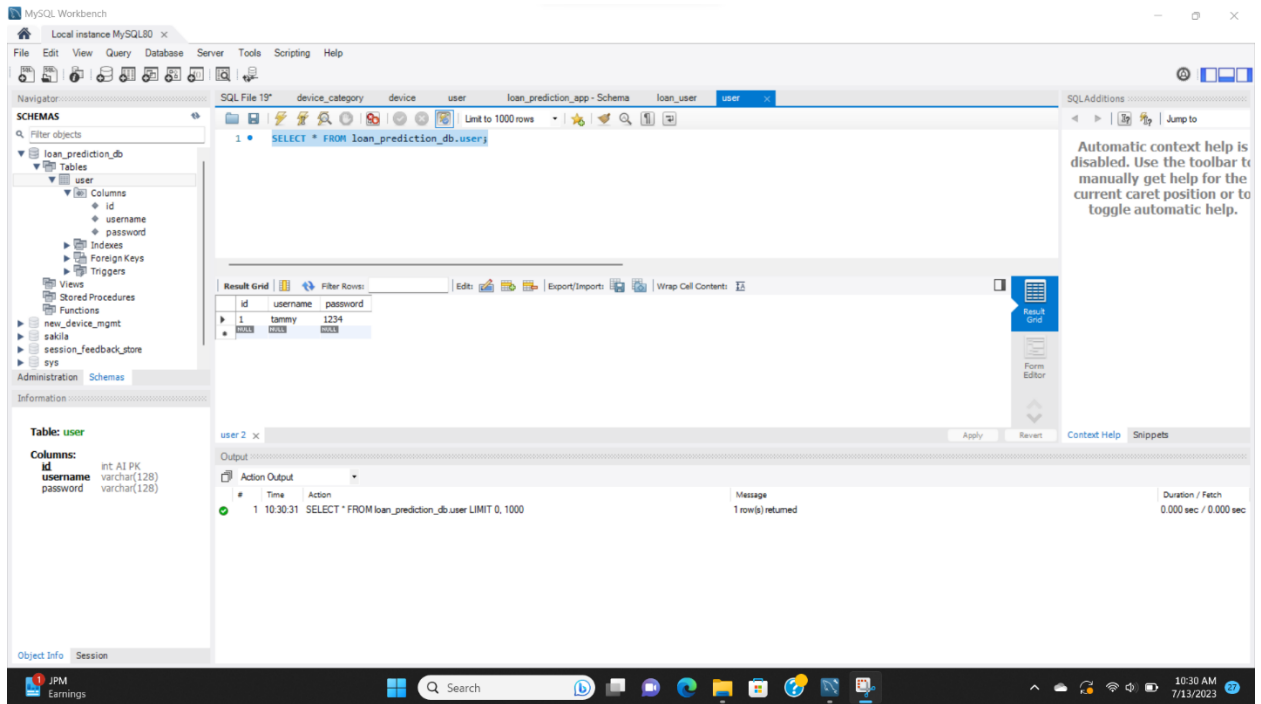


4. Click on Register Now:

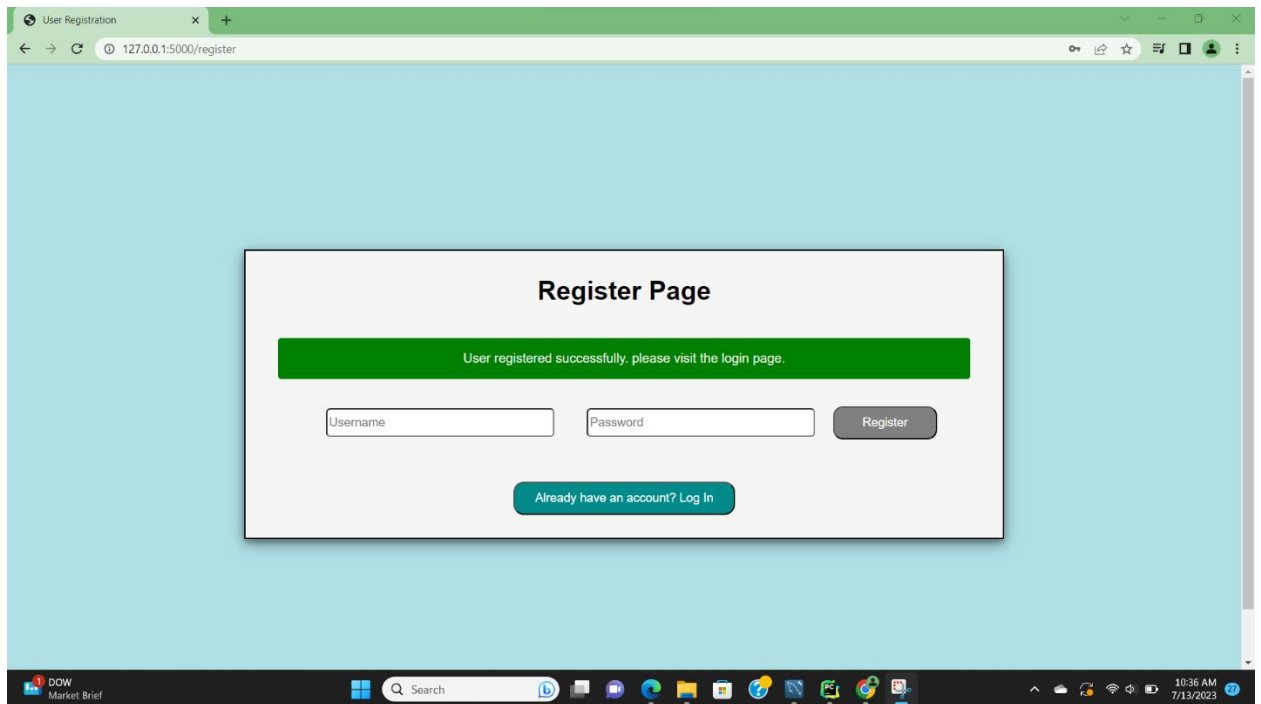


Enter username and password as say tammy, 1234

Validate in DB that these are saved:

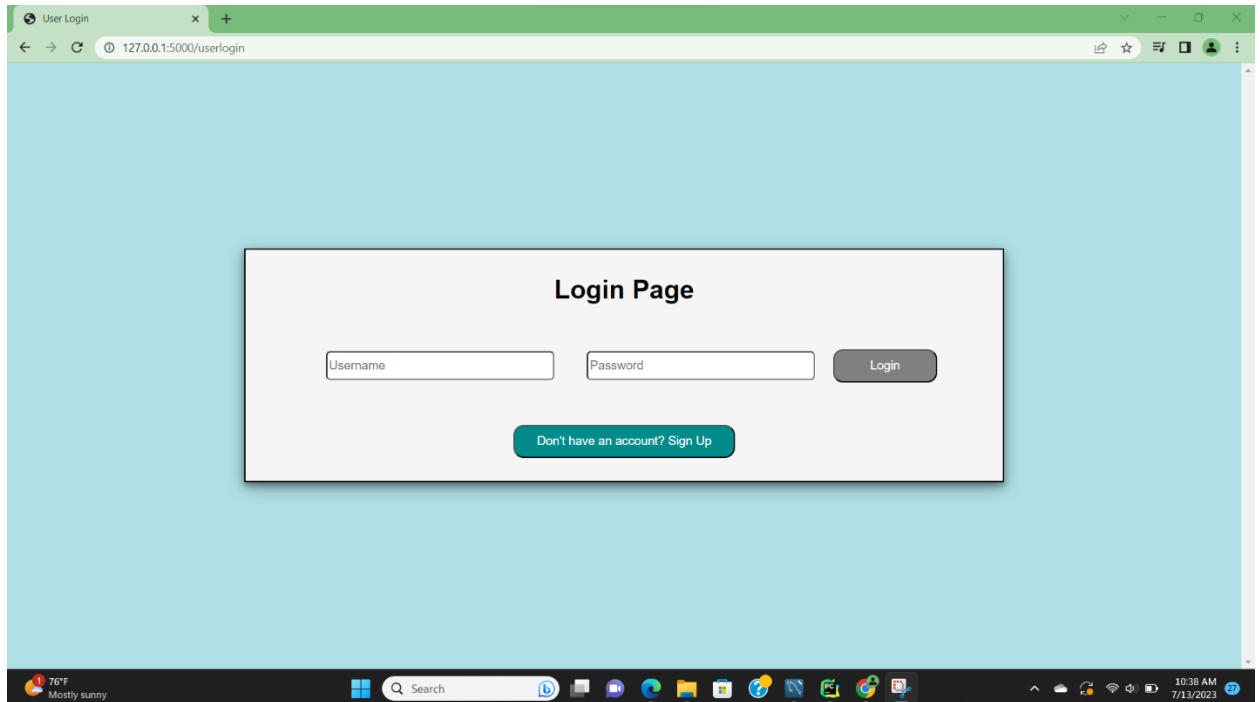


5. Message that user is registered successfully is also shown on successful user registration:

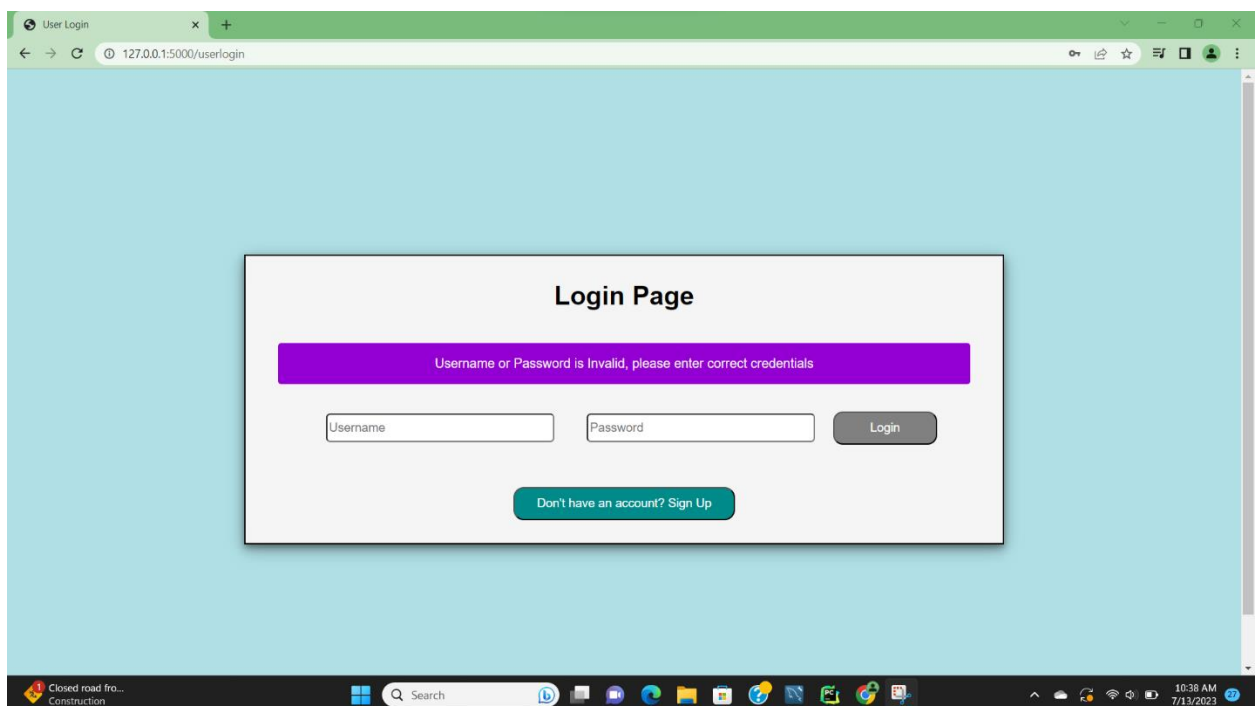


Now click on Already have an account? Log In Button

6. Login page:



7. Try entering incorrect username/password: We get message for invalid username or password as below:



8. Now enter correct credentials and click Login button, House Loan Prediction Page is launched:

The screenshot shows a web browser window with the title "Loan Prediction Results" and the address bar displaying "127.0.0.1:5000/input_data". The main content area is titled "House Loan Eligibility Prediction" and contains the instruction "Please enter the details in order to check your house loan eligibility". The form includes the following fields and their current values:

Field	Value
Gender	Male
Married	No
Dependents	Dependents
Education	Graduate
Self Employed	No
Applicant Income (\$)	Applicant Income
Coapplicant Income (\$)	Coapplicant Income
Loan Amount in Thousands (\$)	Loan Amount in Thousands
Loan Amount Term (in months)	Loan Amount Term
Credit History	No
Property Area	Rural

At the bottom of the form, there are two buttons: "Submit" and "Press here to Logout". The Windows taskbar at the bottom shows the time as 10:39 AM on 7/13/2023.

9. Please enter below inputs for being eligible for loan:

The screenshot shows the same web browser window as before, but with the following input values entered into the form fields:

Field	Value
Gender	Male
Married	No
Dependents	1
Education	Graduate
Self Employed	No
Applicant Income (\$)	10000
Coapplicant Income (\$)	0
Loan Amount in Thousands (\$)	100
Loan Amount Term (in months)	11
Credit History	Yes
Property Area	Rural

The "Submit" and "Press here to Logout" buttons are still visible at the bottom. The Windows taskbar at the bottom shows the time as 5:35 PM on 7/13/2023.

You get message: Congrats you are eligible for loan:

Loan Prediction Page

127.0.0.1:5000/predictresults

House Loan Eligibility Prediction

Congrats!! You are eligible for the loan.

Please enter the details in order to check your house loan eligibility

Gender	Male
Married	No
Dependents	Dependents
Education	Graduate
Self Employed	No
Applicant Income (\$)	Applicant Income
Coapplicant Income (\$)	Coapplicant Income
Loan Amount in Thousands (\$)	Loan Amount in Thousands
Loan Amount Term (in months)	Loan Amount Term
Credit History	No
Property Area	Rural

Submit

Press here to Logout

85°F Sunny 5:35 PM 7/13/2023

10. Please enter below inputs for not being able to get loan approved:

Loan Prediction Results

127.0.0.1:5000/input_data

House Loan Eligibility Prediction

Please enter the details in order to check your house loan eligibility

Gender	Male
Married	No
Dependents	1
Education	Graduate
Self Employed	No
Applicant Income (\$)	10000
Coapplicant Income (\$)	0
Loan Amount in Thousands (\$)	100
Loan Amount Term (in months)	11
Credit History	No
Property Area	Rural

Submit

Press here to Logout

Boone Ave N SB Closed road 10:40 AM 7/13/2023

You get message that Sorry, you are not eligible for loan:

Loan Prediction Results

127.0.0.1:5000/predictresults

House Loan Eligibility Prediction

Sorry, You are not eligible for the loan.

Please enter the details in order to check your house loan eligibility

Gender	Male
Married	No
Dependents	Dependents
Education	Graduate
Self Employed	No
Applicant Income (\$)	Applicant Income
Coapplicant Income (\$)	Coapplicant Income
Loan Amount In Thousands (\$)	Loan Amount In Thousands
Loan Amount Term (in months)	Loan Amount Term
Credit History	No
Property Area	Rural

Submit

Press here to Logout

76°F Mostly sunny 10:40 AM 7/13/2023