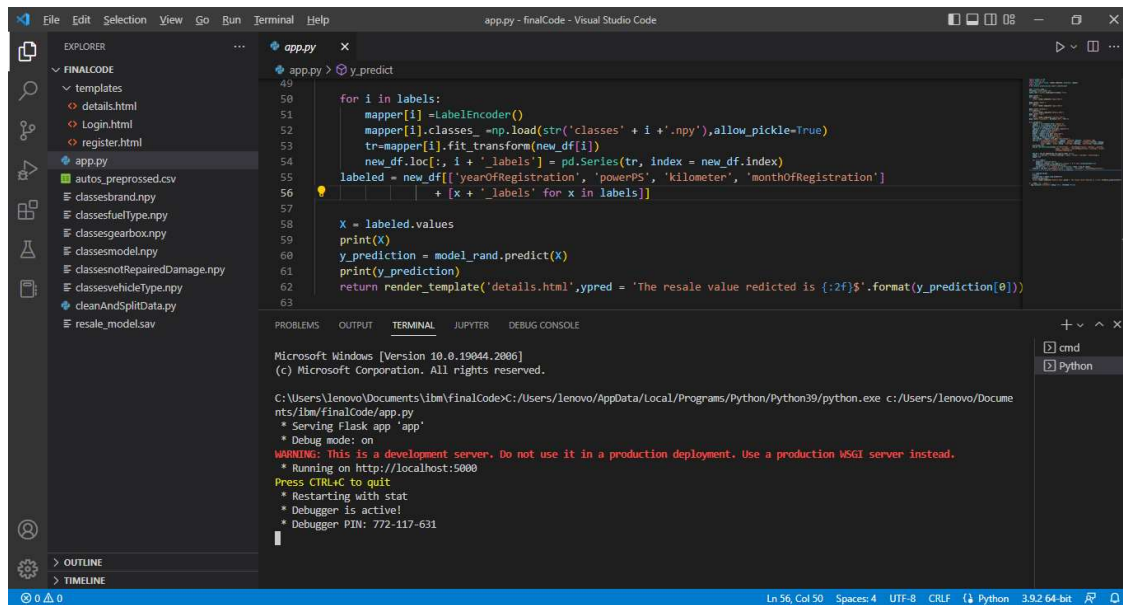


APPLICATION BUILDING

Execute and Test The Model

Team ID	PNT2022TMID32654
Project Name	Execute and Test The Model



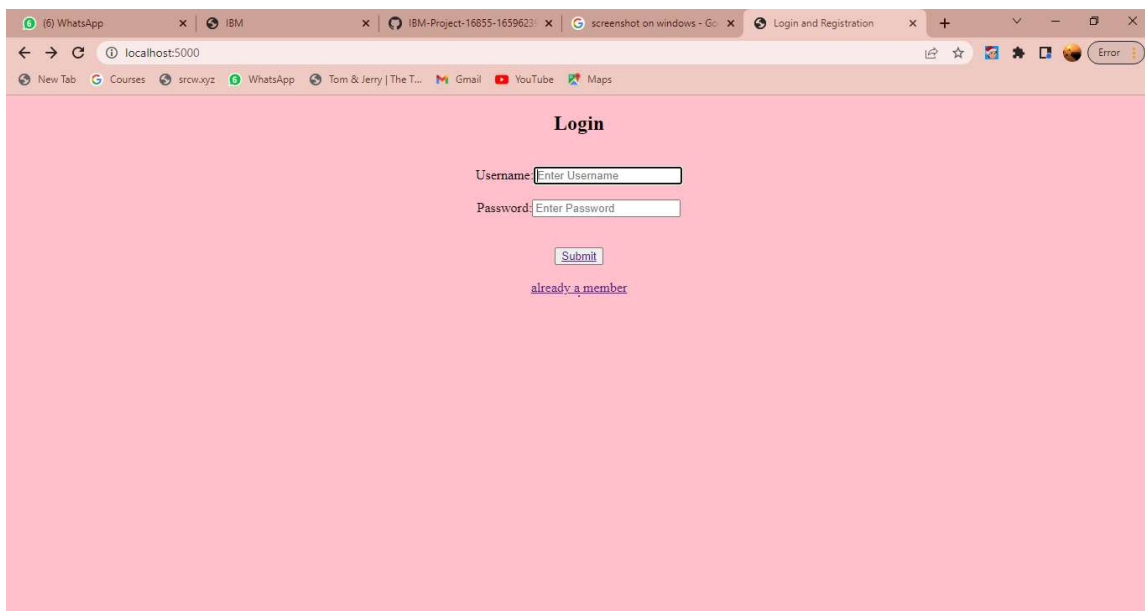
The screenshot shows the Visual Studio Code editor with the file explorer on the left displaying a project named 'FINALCODE'. The file explorer lists files such as 'templates', 'details.html', 'Login.html', 'register.html', 'app.py', 'autos_preprocessed.csv', 'classesbrand.npy', 'classesfuelType.npy', 'classessgearbox.npy', 'classesmodel.npy', 'classesnotRepairedDamage.npy', 'classesvehideType.npy', 'cleanAndSplitData.py', and 'resale_model.sav'. The main editor window shows the 'app.py' file with the following code:

```
49
50 for i in labels:
51     mapper[i] = LabelEncoder()
52     mapper[i].classes_ = np.load(str('classes' + i + '.npy'), allow_pickle=True)
53     tr = mapper[i].fit_transform(new_df[i])
54     new_df.loc[:, i + '_labels'] = pd.Series(tr, index = new_df.index)
55     labeled = new_df[['yearOfRegistration', 'powerPS', 'kilometer', 'monthOfRegistration']]
56     + [x + '_labels' for x in labels]]
57
58 X = labeled.values
59 print(X)
60 y_prediction = model_rand.predict(X)
61 print(y_prediction)
62 return render_template('details.html', ypred = 'The resale value redicted is {:.2f}$'.format(y_prediction[0]))
63
```

The terminal output at the bottom shows the command prompt running the application. It displays the following messages:

```
Microsoft Windows [Version 10.0.19044.2006]
(c) Microsoft Corporation. All rights reserved.

C:\Users\lenovo\Documents\ibm\finalCode>C:\Users\lenovo\AppData\Local\Programs\Python\Python39\python.exe c:/Users/lenovo/Docume
nts/ibm/finalCode/app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://localhost:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 772-117-631
```



The screenshot shows a web browser window with the address bar displaying 'localhost:5000'. The page has a pink background and a white login form. The form contains the following elements:

- A heading 'Login' in bold black text.
- A label 'Username' followed by a text input field with the placeholder text 'Enter Username'.
- A label 'Password' followed by a text input field with the placeholder text 'Enter Password'.
- A 'Submit' button.
- A link 'already a member' in blue text.

Browser tabs: (6) WhatsApp, IBM, IBM-Project-16855-1659623, screenshot on windows - Go, Login and Registration

Address bar: localhost:5000/reg

Registration Form

First Name :

Last Name :

Username :

Password :

Email :

Mobile No :

[Submit](#) [Back to Home](#)

Browser tabs: (6) WhatsApp, IBM, IBM-Project-16855-1659623, screenshot on windows - Go, car details

Address bar: localhost:5000/predict

Please fill the following details of your car

Registration year

Registration Month

Power of car in PS

Kilometers Driven

Gear Box Type ☒ Manual ☐ Automatic ☐ Not declared

Your Car is Damaged or Repaired ☒ Yes ☐ No ☐ Not declared

Fuel type of the car

Brand of the Car

Model Type

Vehicle Type

[Go Home!](#)

(6) WhatsApp

IBM

IBM-Project-16855-1659623

screenshot on windows - Go

car details

localhost:5000/y_predict

New Tab

Courses

srcw.xyz

WhatsApp

Tom & Jerry | The T...

Gmail

YouTube

Maps

Error

Registration year

2002

Registration Month

January

Power of car in PS

109

Kilometers Driven

150000

Gear Box Type

☒ Manual ☐ Automatic ☐ Not declared

Your Car is Damaged or Repaired

☒ Yes ☐ No ☐ Not declared

Fuel type of the car

not-declared

Brand of the Car

audi

Model Type

not-declared

Vehicle Type

coupe

Predict

The resale value redicted is 2621.574886\$

[Go Home!](#)