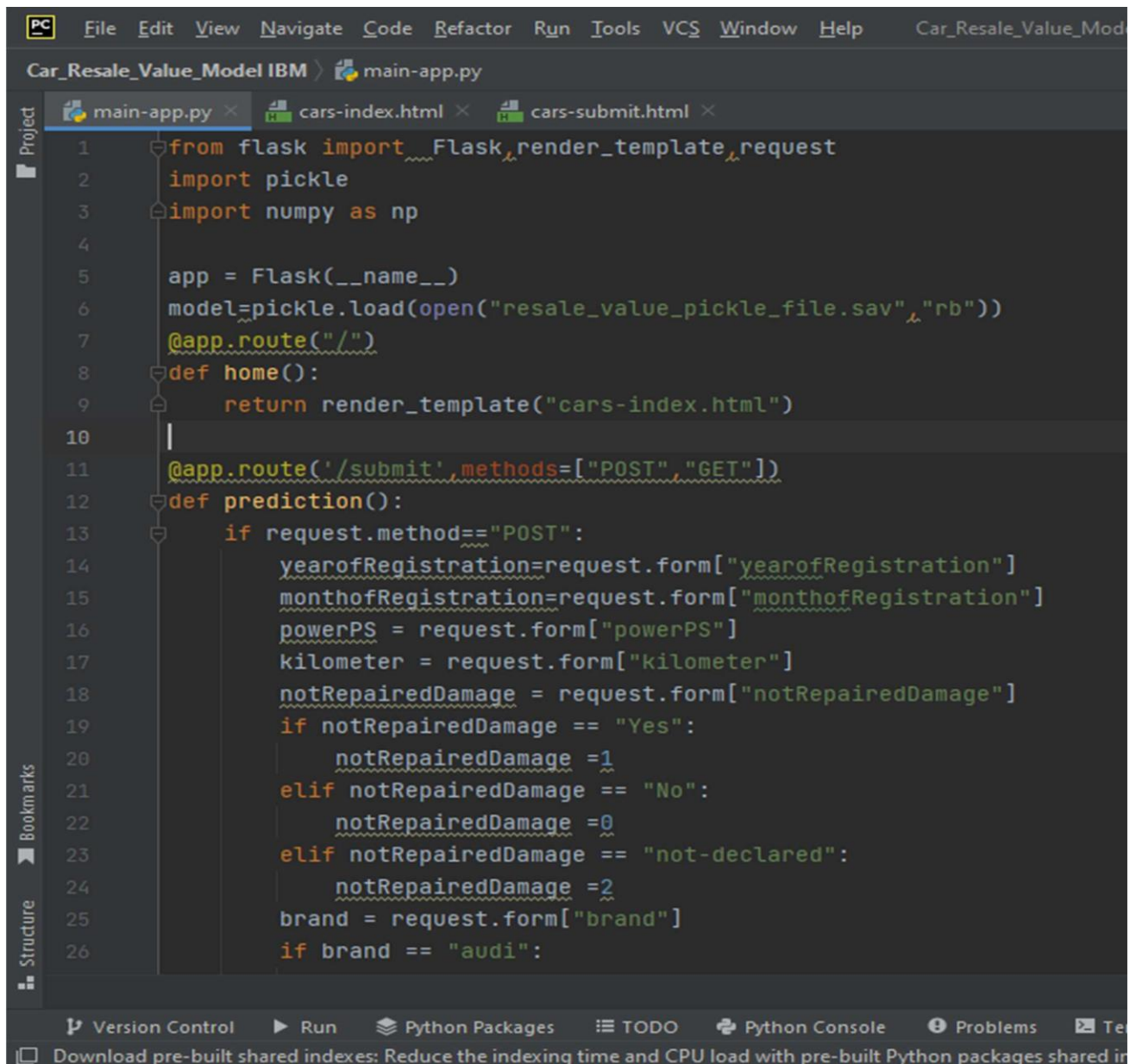


PROJECT DEVELOPMENT PHASE

DELIVERY OF SPRINT-3

DATE	8 November 2022
TEAM ID	PNT2022TMID43633
PROJECT NAME	Car Resale Value Prediction
MAXIMUM MARK	4 Marks

- Flask framework



```
PC File Edit View Navigate Code Refactor Run Tools VCS Window Help Car_Resale_Value_Mod
Car_Resale_Value_Model IBM > main-app.py
main-app.py x cars-index.html x cars-submit.html x
1 from flask import Flask, render_template, request
2 import pickle
3 import numpy as np
4
5 app = Flask(__name__)
6 model=pickle.load(open("resale_value_pickle_file.sav", "rb"))
7 @app.route("/")
8 def home():
9     return render_template("cars-index.html")
10
11 @app.route('/submit', methods=["POST", "GET"])
12 def prediction():
13     if request.method=="POST":
14         yearofRegistration=request.form["yearofRegistration"]
15         monthofRegistration=request.form["monthofRegistration"]
16         powerPS = request.form["powerPS"]
17         kilometer = request.form["kilometer"]
18         notRepairedDamage = request.form["notRepairedDamage"]
19         if notRepairedDamage == "Yes":
20             notRepairedDamage = 1
21         elif notRepairedDamage == "No":
22             notRepairedDamage = 0
23         elif notRepairedDamage == "not-declared":
24             notRepairedDamage = 2
25         brand = request.form["brand"]
26         if brand == "audi":
```

- **HTML Code 1**

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help Car_Resale_Value_Model IBM - cars-index.html
Car_Resale_Value_Model IBM / templates / cars-index.html
main-app.py x cars-index.html x cars-submit.html x
Project
49 <body>
50 <div class="container">
51 <h1 class="text-center" style = "font-family:Argent CF"><b>Car Resale Value Prediction</b></h1>
52 <h5 style = "text-align:center"><i><strong>Please fill the following details of your car !!! </strong></i></h5><br>
53 <form action="/submit" method="POST">
54
55 <div class="form-group">
56 <label for="yearofRegistration"><b>Registration Year</b></label>
57 <input type="number" class="form-control" id="yearofRegistration" name="yearofRegistration" placeholder="Enter Year of Registration">
58 </div>
59 <div class="form-group">
60 <label for="monthofRegistration"><b>Registration Month</b></label>
61 <input type="number" class="form-control" id="monthofRegistration" name="monthofRegistration" placeholder="Enter Month of Registration">
62 </div>
63 <div class="form-group">
64 <label for="powerPS"><b>Power of the car in PS</b></label>
65 <input type="number" class="form-control" id="powerPS" name="powerPS" placeholder="Enter Power of the car in PS">
66 </div>
67 <div class="form-group">
68 <label for="kilometer"><b>Kilometers Driven </b></label>
69 <input type="number" class="form-control" id="kilometer" name="kilometer" placeholder="Enter Kilometers Driven">
70 </div>
71 <div class="form-group">
72 <label for="notRepairedDamage"><b>Your car is Damaged or Repaired</b></label>
73 <select class="form-control" id="notRepairedDamage" name="notRepairedDamage">
74 <option value="Yes">Yes</option>
```

- **HTML Code 2**

```
Resale_Value_Model IBM / templates / cars-submit.html
main-app.py x cars-index.html x cars-submit.html x
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Car Resale Value Prediction</title>
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" integrity="sha384-JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8&
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

  <style>
    body{
      background-color: #fcde67;
    }
    .container{
      background-color: white;
      margin-top: 10px;
      padding: 20px;
      border-radius: 0px;
    }
    .form-group{
      margin-top: 20px;
    }
    .form-control{
      border-radius: 10px;
    }
    .btn{
```