

PROJECT DEVELOPMENT PHASE (DELIVERY OF SPRINT-3)

Date	10th November 2022
Team ID	PNT2022TMID01716
Project Name	Car Resale Value prediction
Maximum marks	4 Marks

- **Flask Framework:**

```
1 from flask import Flask,render_template,request
2 import pickle
3 import numpy as np
4 app = Flask(__name__)
5 model=pickle.load(open("histmodel.pkl","rb"))
6 @app.route("/")
7 def home():
8     return render_template("index.html")
9
10 @app.route('/submit',methods=["POST","GET"])
11 def prediction():
12     if request.method=="POST":
13         yearofRegistration=request.form["yearofRegistration"]
14         powerPS=request.form["powerPS"]
15         kilometer=request.form["kilometer"]
16         monthofRegistration=request.form["monthofRegistration"]
17         nameLen=request.form["nameLen"]
18         gearbox_feat=request.form["gearbox_feat"]
19         if gearbox_feat == "manuell":
20             gearbox_feat =1
21         elif gearbox_feat == "auto":
22             gearbox_feat =0
23         fuelType_feat = request.form["fuelType_feat"]
24         if fuelType_feat=="petrol":
25             fuelType_feat=1
26         elif fuelType_feat=="benzin":
27             fuelType_feat=2
28         elif fuelType_feat=="diesel":
29             fuelType_feat=3
30         elif fuelType_feat=="lpg":
31             fuelType_feat=4
32         elif fuelType_feat=="andere":
```

HTML Design Code:

[illegible]

Application Webpage:

Please fill the following details of your car:

Registration Month and Year	<input type="text" value="dd-mm-yyyy"/>
Insurance	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Sure
Kilometers the car has driven	<input type="text"/>
Gear Box Type	<input type="radio"/> Manual <input type="radio"/> Automatic <input type="radio"/> Not Declared
Your car is damaged or repaired	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Declared
Brand of the Car	<input type="text" value="Renault"/>
Model Type	<input type="text" value="Renault KWID"/>
Fuel type of the car	<input type="text" value="Diesel"/>
Vehicle Type	<input type="text" value="Roadster"/>