Mid Term Exam

Marks : 80

(80 + 10 + 10) 100 Marks Deadline : 16 Dec 2023 ; 11:59 pm

(72 + 9 + 9) 90 Marks Deadline : 17 Dec 2023 ; 11:59 pm

(64 + 8 + 8) 80 Marks Deadline : Any time after that

What You Need to Submit :

Sample :

1. Practice 18.5 : github link
2. Practice 19.5 : github link
3. Doc File or Video Link : doc/video file drive link
4. Mid Term Exam link : github link

Instructions: Watch the video sincerely

Mid Term Exam

Create a fully functional **car sales website** that facilitates car listings for users and allows the users to filter cars by brand, create account, login, logout and also to buy a car. Each car will have an image, title, description, price, and a "Buy Now" button. Users can place orders, view their order history, and manage their account.
The platform should consist of the following features:

User-Facing Features:
1. Car Listings: (35 Marks)
- There must be a navbar where an authenticated user can see home, profile, logout menu and an unauthenticated user will see home, signup, login.
- In the home page, at first show some text and a single picture on the home page. Then the user can see the car list with image, price, and can filter cars by brand name.
- There will be two models: Car Model and Brand Model. Make a relationship between them so that A brand has multiple cars but a car must have only one brand. You can add additional apps/models if you need.
- In the car details page there will be a car image, name, description, quantity,price, brand name and a button named Buy Now will be shown for an authenticated user to buy a product.
- Anyone can comment on any cars with their name, comment.

2. User Registration and Authentication: (10 Marks)
- Implement a user registration and login system.
- User can also edit their profile details

3. Placing Orders: (20 Marks)
- An authenticated user can only buy cars.
- An unauthorized user cannot see the buy now button.
- When an authenticated user clicks the buy now button this item will be purchased by that user and the total quantity of that car will be reduced by one.

4. Order History: (15 Marks)
- In the profile page users can see the bought cars lists.

N:B : There must be at least 3 class based views.