Coding Academy by Orange

MASTERPIECE PROJECT

Title: Car Care.

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Orange Coding Academy From Irbid

First Cohort

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Acknowledgments

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Abstract

This web application is important for people who will use it, and who are interested in taking care of their vehicles. Also, people interested in this service can contact us and we will provide a team to reach your homes. Our web application displays many products that maintain the appearance of vehicles from the inside and outside if you are one of the people who care about their vehicles

Chapter 1: Introduction

1.1 Problem Statement

Many obstacles made me think about this project. Among these obstacles, the climatic problems represented by the change in weather conditions in our country and this change affects our vehicles in the winter through the extreme cold in the winter season and in the summer through dust, dust and high temperatures. I noticed in recent years that there is a great interest from vehicle owners People with their vehicles and there are many materials that help to take care of vehicles, but many people are not aware of the existence of these materials.

1.2 Solution

This site has come to solve the problem. This site displays many materials that preserve vehicles, and people interested in our products can contact us and know all the details about each product. If the customer wants to buy our products, buy the product he wants, deliver to the address he wants, and pay upon arrival.

Chapter 2: Methodology

2.1 System Requirements

A.

No	Requirement Description
1	The website allows users to sign in
2	The website allows admins to sign in
3	The website allows admin to access users' requests.
4	The website allows admin to show all user and our orders.
5	The website allows admin to add new categories and new products .

B.

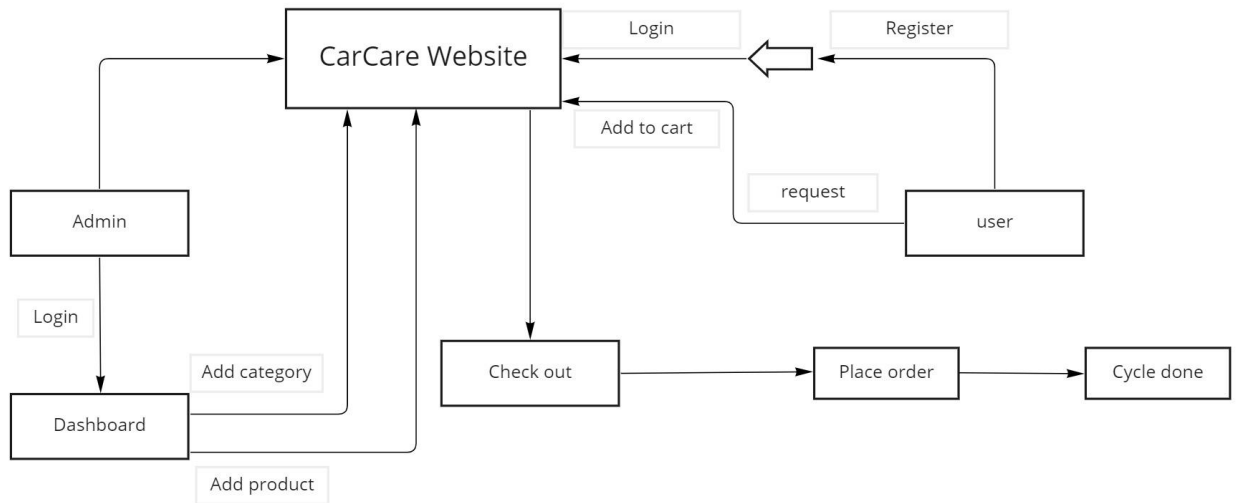| No.	Requirement Description
	Ease of use: The website is user-friendly, simple, and responsive
	Safety and confidentiality: No one is allowed access to user requests information other than the authorized body, who are admins.

Chapter 3: Technologies

3.1 Programming Languages

No	Website
1	HTML5
2	CSS3 – Bootstrap
3	JavaScript
4	PHP / Laravel
5	MySQL

Chapter 4: Design Models

```
                          ┌─────────────────────┐   Login         Register
                          │                     │◄──────────  ◄  ──────────
          ──────────────► │  CarCare Website    │
                          │                     │
                          └─────────────────────┘
                                 │        Add to cart
  ┌──────────────┐               │
  │    Admin     │               │                 request       ┌──────────────┐
  └──────────────┘               │                               │     user     │
                                 │                               └──────────────┘
       │ Login                   │
       │           Add category  ▼
       ▼          ┌──────────────────┐          ┌──────────────┐          ┌──────────────┐
  ┌──────────────┐│    Check out     │ ───────► │  Place order │ ───────► │  Cycle done  │
  │  Dashboard   │└──────────────────┘          └──────────────┘          └──────────────┘
  └──────────────┘
       Add product
```

CarCare Website

Login

Register

Add to cart

request

Admin

user

Login

Add category

Dashboard

Add product

Check out

Place order

Cycle done

Chapter 5: Experiments and results

Projects Features:

1. The website implements SEO.

2. The website considers UX/UI design principles.

3. The website is fully responsive.

4. The website contains quiet animations.

5. The website considers security by hashing strong passwords and

activating the authorization demanding the user's role.