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***Website - proposal***

***Service Station Web***

***LOGO:*** 

## ***Scope***

The scope of this site is to increase more and more customers. it provide a hassle-free service to their customer for booking their Car packages as per their will. The duration of the project is 20 working days which is equals to 4 weeks.

***GOALS***

The main goals are to provide customers with excellent services. Such as Car Servicing, Car repairs and Car cleaning - we are your one-stop solution for all things cars. Stay in the comforts of your home or office and make the most of our complimentary pick-up and drop-in service. Count on us to be your personal car care expert, advisor and car mechanic.

Service Station has more than one physical station for Car Servicing and provide a hassle-free service by providing a Web Application for easy access by their client.

It is very easy to access the functionality of web application by different user like Admin and Registered User as a client.

## ***Specifications***

This website has many features like:

* Browser consistency
* Effective navigation
* Contrasting colour scheme
* Short load time
* Login panel Secure log in and registration
* Crud operation such as add, edit, delete
* Add new user
* Anytime login /logout if the user is register
* Register user capable to use all services provide by service station

## ***Project Deliverables***

The table below outlines these deliverables.

|  |  |
| --- | --- |
| **Deliverable** | **Description** |
| Final Report | This document introduces the project and explains its details and requirements. Also states the milestone, schedule, hardware and software requirement and other important details. |
| Programming / coding | This will be the code of the project. |
| User Documentation | This will show how one can use the web application |
| Test Plan | This will provide the test detail of the project |

### 

#### ***Target audience:***

The main audience would be the people who want to maintain their Car life in a hassle free environment. The age can go from 20 plus to 60 plus.

## ***Project Tasks and Milestones***

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Project Stages | Major Activities | Week1-2 | | | | Week-2-3 | | | | | Week-3-4 | | | | |
| Planning | Research |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Planning for decide the best frames (like mvc , web Api etc ) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Project Proposal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Documentation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Implementation | Design |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Register panel |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| User, admin panel |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Working on pages |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Testing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Closing | Last Documentation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

***Resource Requirements***

* Asp.net MVC Framework
* Identity framework- ASP
* Windows Operating System
* 64-bit Processor and 8 GB or more RAM

## ***Risks***

The following are the high risks

* Project delays can lead to delays for other related tasks.
* The plan can be underestimated in size and length.
* Application will be free and open source.
* Project scope and duration may be underestimated.

***VISUAL PLANNING AND DESIGN***

#### ***Analysis:***

#### The analysis covers the functional and non-functional aspects of the system.

#### ***Functional Aspects***

The functional requirements of this project is divided into types. One for Admin , and one for users / customers .

|  |  |
| --- | --- |
| **Users / Customer** | **Functional Requirements** |
| **User** | * Can view details of all services given by service station * User register panel * New customer register for free |
| **Admin** | **Functional Requirements** |
| **Admin** | * Can add, edit, delete and view details of all services given by service station * Add New admin anytime * Admin login panel * View all booking * Confirm all booking |

#### ***Non-Functional***

|  |  |
| --- | --- |
| **Operational** | * run in all web browsers. * High speed loading |
| **Performance** | * Good performance and high security |
| **Security** | * Admin Can only confirms and add new deals |

SITE MAP:

Home

Book history

Register

Book packages

car

packages

Login

***PAGE CONTENT PLANNING:***

1. ***Home:***

This is the main landing page of the application. This page contains 8 main navigation buttons – Home, Packages, cars, Book Packages, Book history, Login and Register.

A screenshot of a computer

Description automatically generated with medium confidence

***2) Packages***

In this page we can show all services packages available on our service station.

A picture containing text, indoor, computer, screenshot

Description automatically generated

### ***3)*** ***Car Page***

In this page Visitor have a glimpse of car model which we are handle at our Service Station.

A screenshot of a computer

Description automatically generated with medium confidence

*4)* ***Car Model Admin***

This page provides a way to Admin View of All Car Model and their operations.

A picture containing table

Description automatically generated

### ***Booking Package Page***

In this page registered user booking their car service package after successful login.

A picture containing text, computer, indoor, screenshot

Description automatically generated

## 

***6) All Service Home Page***

In this page Visitor/Registered user can all services provided by our service station.

## A screenshot of a computer Description automatically generated with medium confidence

1. ***Booking Page***

In his page register user can view all booking history with our service station.

## A screenshot of a computer Description automatically generated with medium confidence

1. ***All Booking Admin***

This page shows the all booking of service station done at online web application and this page is for Admin user and he is capable of confirm the booking.

## A screenshot of a computer Description automatically generated with medium confidence

## 

## ***Browser support:-***

##### Google chrome version v66.4.52125+

* Mozilla fire fox v60.0.5+
* Opera v42.0+
* Internet explorer v9.0+

# ***User Manual: -***

The main purpose of the application Service Station is to provide a portal where customer stay in the comforts of your home or office and make the most of our complimentary pick-up and drop-in service. In this application there are two types of users- admin and registered user or visitor. Admin has different functionalities as compared to registered user. Admin can add, edit, delete and check details of Services, Packages, Brands and their Car Models which they serviced. Registered User is capable to book their car packages and view their booking history at single click.

### ***System Overview:-***

This web app consists of admin and customer. Admin can add, edit, delete and check details of the booking. customer can add new booking request, edit, delete and check details of the package. Admin can also add new car models and deal, edit, delete and check details for the same. Moreover, admin can edit, delete and access details of the packages. Admin can register new admins and new customer can sign up for the application for free.

## **Summary**

### ***System Configuration:-***

This web application developed using Asp.net MVC Framework. It works on most modern web browsers and does not need a special programme setup. Internet access is required as a web application.

### ***User Access Levels:-***

Only registered customer can access the features of this web application.

***Admin:*** Full access to the customer

***User:*** Limited access can only add new booking

## ***System Usability Testing***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Tester – 1** | | **Scale** | | | |
| **No.** | **Question** | **Strongly Agree** | **Agree** | **Neutral** | **Disagree** |
| 1 | Would you like to use this application more frequently |  |  |  |  |
| 2 | System is complicated |  |  |  |  |
| 3 | easy to use? |  |  |  |  |
| 4 | you need any support of a technical person to use this system? |  |  |  |  |
| 5 | All functions of the system were well integrated |  |  |  |  |
| 6 | any inconsistencies in this system |  |  |  |  |
| 7 | I think most people would learn to use this system very quickly |  |  |  |  |
| 8 | I found the system very challenging to use |  |  |  |  |
| 9 | I felt very confident using the system |  |  |  |  |
| 10 | I needed to learn a lot of things before using the system |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Tester – 2** | | **Scale** | | | |
| **No.** | **Question** | **Strongly Agree** | **Agree** | **Neutral** | **Disagree** |
| 1 | Would you like to use this application more frequently |  |  |  |  |
| 2 | System is complicated |  |  |  |  |
| 3 | easy to use? |  |  |  |  |
| 4 | you need any support of a technical person to use this system? |  |  |  |  |
| 5 | All functions of the system were well integrated |  |  |  |  |
| 6 | any inconsistencies in this system |  |  |  |  |
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