

Car Wash Booking System

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Created By:

Muhammad Wasil Shahzad

Bilal Ahmad

Noman Jamshaid

Prepared for:

Sir. Abid Sohail Bhutta

Sir. Faisal Mumtaz

DataBase Department



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Proposal:

OVERVIEW:

In the world of advancements and innovation there comes huge need for managing different tasks the project we put forward is **Car Wash Booking System**. This system will provide solution to the complex and manual working of Car Wash bookings. The main purpose is providing E-Booking Services to the clients.

ORGANISATION:

Diamond Hand Car Wash is an Australia based Organization Our team got the information and related data through certain references. We have got to know about the overall structure of the organization. Some client's information and products being used and different packages details, discounts and services types and much more.

Organizations Site:

www.diamondhandwash.com.au

PROBLEM STATEMENT:

A carwash management system is a huge group of employees, vehicles and customers. All of these are connected to each other and need to work hand in hand. There comes a huge amount of data. Small workshops save the data in excel sheets or just a book registry. The issue here is, less availability of information than its overabundance, and access to quality information for diverse users and uses. The challenge is to refine what is useful out of the huge quantity of information available: to retrieve, store, calculate, alter, explain, and present information in all its forms like text, and numeric data.

SOLUTION STATEMENT:

The goal is to provide not only data but, information that enhances the understanding. The database will provide us with information about vehicles, employees, working hours, transactions and packages. It will let the admin know about the details of customers, how many vehicles are booked and number of all

transactions. The database will help shop to sort and categorize data as per vehicle, customer and booking id.

The database will have the data of all the employees and vehicle types. The admin can use the data to determine information like: customer's information, vehicles registered to particular wash type, employee's availability, business hours, pricing information, Employees Details, Vehicle Details and successfully completed transactions. The database will provide a framework to the user through describing the high-level components and architecture, sub systems, interfaces, database design.

Whereas for Database backend language will be Sql Server.

Description:

Basic Description:

Car Wash Booking system will include the E-Booking facility to the clients. This System involves clients and their vehicle information registration afterwards clients are able to do a booking for their vehicles in the desired store location to get different washing services, times and service token. Afterwards Employees of different washing services categories will get their respective job done using different products. Then the system will provide the invoice proceeding by payment methods whereas there could be some discounts based on certain days like Mother's Day, Father's Day etc. This overall system will be headed by Owner or Admin and will compel and let the bookings be within business hours. However, one can also look up to the transactions.

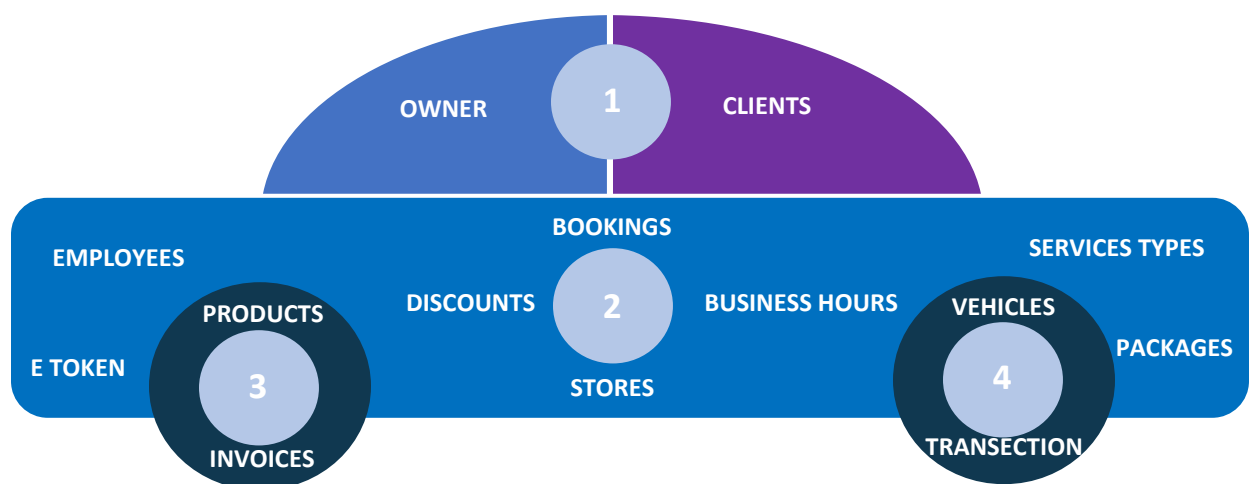
Functionalities and Requirements:

Car Wash Booking System will base on the following requirements and some basic functionalities.

- The System will store the information of Clients, which can be accessible to the Admin/Owner and specific Employees.
- The System shall display Clients Information as whole and as specifically.
- The System shall display Clients Information with respect to booking and booking status.
- The System will store the information of Vehicle e.g., Chassis Number, Number Plate, Type etc.
- The system shall display Vehicle information.

- The System shall display pricing according to vehicle types.
- The System shall display pricing according to vehicle types and service types.
- The System shall display the employees working on specific service type.
- The System shall display the products used on cars on specific service type.
- The System will display client's information with their booking status and time.
- The system will show total registered vehicles
- The system will display the offered discount based on types of vehicles
- The system will show the schedule of business hours
- The System shall display the Clients, Vehicles and booking status and their Service Type to the specific Employee
- The System will consist of Employees Details.
- The System will generate service token after the booking.
- The System shall display the Invoice
- The System shall display the Total Sales per day or on specific date, year.
- The system will store the info of other branches
- The system will calculate total income based on transactions.
- The System shall align the clients as per their payment method.

DIAGRAMATIC STRUCTURE OF INITIAL STAGE FOR CAR WASH BOOKING SYSTEM



BASIC IDEA CYCLE

1

CLIENTS

Clients and Vehicles will get Registered

2

BOOKING

Clients will then book the Washing Slot available

5

BILLINGS

At the end billing will be proceeded

4

EMPLOYEES

Specific Employees will assigned the task for washing the car

3

SERVICES

Client will select the required Washing Service

