**Car Wash Management System**



**Session: 2022**

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# IntroductioN

A brief Description and background of the project is described below:

## Background

In today's fast-paced world, owning a car has become a necessity for many people. With the increase in the number of vehicles on the road, the demand for car wash services has also grown significantly. However, managing a car wash business efficiently can be challenging without the right tools and systems in place. This is where a Car Wash Management System comes into play.

## Objective

The main objective of the Car Wash Management System is to streamline and automate the various aspects of running a car wash business. The key features and functions of this system include:

1. **Customer Management**: Keep track of customer information, preferences, and service details.
2. **Inventory Management**: Keep track of cleaning supplies, tools, and equipment to ensure smooth operations.
3. **Billing and Invoicing**: Generate invoices, process payments, and keep track of financial transactions.
4. **Receipt and Revenue Generation**: Generate reports on business performance, revenue calculation and manipulation.

## Existing Software

* **Sonny's CarWash College**

A comprehensive software solution for car wash businesses.

* **Washify**

An all-in-one car wash management software that offers features such as POS integration, marketing tools, and more.

* **DRB Systems**

A leading provider of technology solutions for the car wash industry, including point-of-sale systems, tunnel controllers, and more.

## Advantages

1. **Storing Service History**

Facilitates service to calculate revenue, cost of goods sold and other payment information and store it for later use.

1. **Data Management and Handling**

Makes data management lot easier and easier to modify or delete any previous record.

1. **User-Friendly Experience**

Offers an intuitive interface for admin to easily add, change or delete any records. Admin can also modify the revenue and also print the receipts and invoices of previous service easily.

1. **Reporting and Insights**

Provides valuable insights into wash volume, customer services, and employee performance.

# Functions

## View and Generate Revenue Receipt

The system will allow the admin to view revenue, cost of goods sold and Gross Profit information. The admin can add sales information to affect revenue and gross profit and delete record.

## Customer Services Data Addition & Modification

The system will allow admin to add customer data which includes the car wash services information, customer details and payment information. The admin can change or delete the customer service records easily.

## Employees Information Addition & Modification

The admin can add employee’s data which includes the employee information and status. The admin can change or delete the employee records easily.

## Service Invoice Generation

The admin can generate an invoice for each customer service invoice, store it and print it.

## Calculate Revenue

The admin can directly manipulate the revenue, calculate the revenue, and print the receipts of revenue, cost of goods sold and Gross Profit information.

## Change company details.

If an admin wants to change the company details which include company name, company address etc. then he can do this easily. They will also take effect on receipts.

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