

**A REPORT FOR MINOR SOFTWARE PROJECT ON**

**“Automobile Website”**

IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR DEGREE OF

BACHELORS OF COMPUTER APPLICATIONS

(SEMESTER VI)

**SUBMITTED BY**

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**SUBMITTED TO**

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**DECLARATION**

I undersigned hereby declare that the project report entitled **“Automobile Website”** is developed and submitted by me for the partial fulfilment of the Bachelor of Computer Application (BCA-VI) semester under the guidance of Dr. Pramod Pawar.

All the material obtained for this project report is exclusively based on information collected by me during the system study and have not formed part of any other report previously.

**Kshitiz Ravi**

Date:



Certificate of Completion

This is to certify that **Kshitiz Ravi** is a bona-fide students studying in Semester-VI of Bachelor of Computer Application (BCA) degree program of Bharati Vidyapeeth(Deemed to be University), Pune for the year **2017-2018**.

As a part of University Curriculum, I have successfully completed a minor software project title as **“Automobile Website”** under the guidance of **Mr. Pramod Pawar**. This fulfills the requirement of University course module “**MINOR PROJECT”** of Semester- VI.

**PROJECT GUIDE**

**(Dr. Pramod Pawar)**

**DIRECTOR**

**(Dr. Sachin Vernekar)**

**PROGRAMME DIRECTOR (BCA)**

**(Dr. Ramachandra Mahadik)**

**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**

Acknowledgement

This project would not have been possible without the help and efforts of our Program coordinator Prof. Ramachandra Mahadik and our project mentor Dr. Pramod Pawar who helped me in all sorts of way to accomplish the goal.

I also thank the Director of Bharti Vidyapeeth’s Institute of management and entrepreneurship development Dr. Sachin S. Vernekar for providing us to embark on this project.

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Introduction

This Automobile Website is a Web-Form based application that works within a personal computer. The software project “Automobile Website” provides a user-friendly experience to the visitors by providing those tools to book periodic service for their respective Vehicles.

In today’s modern world, there is a requirement and need for an effective online tool for managing all the manual aspects in life. Hence, there is a need for a platform to express the service in an organized fashion for better communication with the customers. The main objective of this project is to provide user’s a hassle free experience while visiting the website and an ease of registering and booking service as per there schedule.

Existing System& Need for Computation

Over the centuries, the traditional way of assigning schedule or appointment was to use pen and a set of paper books, which worked fine for the businesses at that time. You may still keep this manual procedure for your small business for convenience. However, with today's dynamic world computerization and digitization are widely used, there seems no need to have to take the manual way. The computer system should be able to perform these basic tasks in a flash and keep you up to date. Digitization removes many of the paper "books" flaws that are used to record the transactions of an entity. At this time, you are wondering whether you are going to computerize the process, especially if you have clearly outgrown your calculator system.

How can a Website help you and what is the benefit of the computerization? A Website makes business easy by providing a series of Webpages and providing a simple interface between the user and the system. Websites have helped in greatly reducing the typographical errors and human efforts in the series of processes provided within the interface.

There are many benefits in computerizing your business ethics if you have a strong foundation. Automation reduces time of lengthy manual processing, eliminates human involvement to some extent.

Scope of Work

My work is based upon how to prepare a Website for any automobile company. The main purpose of my proposed system is to provide a user interface to the customers regarding company profile, service registration and is developed to replace the manual appointment scheduling into something that is more convenient and efficient to use in electronic form. I have tried to make my work/project (Automobile Website) user-friendly so that a person with no technical knowledge can also have access.

The scope of this project is limited to the use for small scale in Automobile Shops to schedule service appointment and Servicing & Maintenance of respective vehicles of Owner.

Operating Environment

The project work of mine deals with Automobile Website that is been made by using HTML&CSS as Front End and PHP& MySQL database as Back-End. It requires all requirements to be fulfilled as mentioned by IEEE to run on a machine. As mentioned by Modern Web-browser the System requirements are -

Software requirement –

* Microsoft Windows XP or higher/Linux
* Web Browser with HTML5 Support
* Chrome, Mozilla Firefox, Internet Explorer

Hardware requirement –

* Marginal Free Space on Hard disk
* 256 Mb of System Memory
* Monitor Keyboard and Mouse.

Description of Technology Used

Here I have used many features of Web Technologies like HTML, CSS, PHP, MySQL Database and some simple function provided by these Web Languages like Forms, Text Field, Table, Styling, Radio Buttons and Checkboxes for standard input and output. I have taken help of IO Brackets to design the whole website(GUI), which appears as the Webpage opens and continues to the last and the internal part is managed by the PHP program as well as logics done inside every functional operations.

Proposed System

I have opted for Automobile Website as project. In this, I have added nearly all the features required to manage an Automobile Workshop. I have added job card options like Service type, vehicle make, Service Description and additional requirements can be entered manually into the system. This project describes how an automobile website operates and works for the customers in a hassle-free user-friendly manner. You can manually select preferred services through checkboxes provided by selecting individual items as per choice during the maintenance of the specific vehicle.

Objectives of this System

The system’s main objective is to make the work of the user easier and efficient while every registered customer’s vehicle can be booked for service and maintenance at the time of necessity. It is mend to provide a GUI to the customer without affecting the speed of operation.

This Automobile Website deals with saving details of registered users and providing services as well as storing details regarding the periodic maintenance of their respective vehicle. The System is able to handle a vast majority of data related to customers in an organized way.

User Requirement

Users are required to know the basic operation i.e. how to open a Webpage and give commands at the required fields on the forms. I have guided the user through the whole process, from describing the user data to open the system. The basic need for the customers is to first register themselves, than book their service schedule by filling up the data & information, checkbox input, and selections from the form. User are required to save and submit the information entered on the Web-form to successfully complete the process.

Conclusion

This Automobile Website “MotoFix” has a rich user interface so that novice users can access easily. The Application provide functions for maintaining an automobile workshop its service history and customer details for better business.

Several user-friendly codes have been adapted in the project and would hence be a powerful package, which is both easy to update and scalable at some extent. Thus, it is a time saving as well as cost efficient application. Therefore, I conclude that the proposed system can be used to reduce human efforts and would be hand in hand, with the modern technology.

As a student of B.C.A, this is my fourth practical project, as I wish to have more of such projects in future that would help me in developing my programming skills as I pursue my future as a programmer.

Bibliography

I cover the major part of the project in guidance of our software project mentor Dr. Pramod Pawar. Except this, I have taken help from

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