

# SYNOPSIS ON

A**uto**C**art** B**uc**k**et**

## Submitted By: Submitted To:

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**INTRODUCTION**

The project objective is to deliver the online shopping Website into online platform.This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet using website. There are numerous E-commerce websites across the internet which have a wide range of products of many categories but there is a limitation of these websites that customer has to search a lot to find a particular product of their choice,

to overcome this limitation, This project focuses on a particular category i.e. Car assessories and its parts, where you can buy various car related assessories such seat covers, GPS navigators,car tyres etc.

## EXISTING SYSTEM

Some existing system similar to our project are :-

### Autofurnish

* **Boodmo**
* **Carplus**
* **Motorbhp**
* **Autotrends**

These website provide user-friendly interface, which helps in making search for any desired car accessories easier.

## USE OF THE PROJECT

This document lays out a project plan for e-commerce website for online shopping. The shopping site targets on a particular variety relatad to car accessories.

The scope of this project named as Autocart Bucket is to provide a user-friendly e-commerce website which will be used for buying accessories like seat covers, car tyres, car horn etc. A Relational Database Management System (RDBMS) is used to store all the details related to users, products, owner.

An online shopping (E-commerce) website for Car Accessories like

seat covers, car tyres, car horn etc. Its development is based on Full Stack web development using HTML, HTML5, CSS, CSS3, JavaScript, Bootstrap, PHP, MySQL. The website consists of two modules. 1st module is User Module i.e. the face of the website where user can buy or view products. User can be a visitor or a customer. Visitor can view all the products but can't buy them. If the visitor has visited the website 1st time then they have to sign up to buy the product or add their desired product or cart, else they have to login with their user id and password which they have entered during signup to buy the products. For security purpose there is google re-captcha while signup and text captcha during login.

Second Module is Owner Module from where website can be controlled and content inside the website can be manipulated. Each Owner can update the users(view

the number of users and can delete them too), Update the products (View products inside each category, edit products, and can add products inside respective categories), and view orders(can view order list of particular users).

## Feasibility of Project

The front-end part of all applications forms the user-accessible area. This layer, also known as the presentation layer, covers everything available to the user; this front-end operative part of all the applications deal directly with the user interface.

Back-end, also known as the Logic Layer, this layer deals with everything other than the user interface. The data validation part forms the nucleus of this layer’s core structure.

Database is the central data part of the application. All process in database management systems like extraction, creation, manipulation, or deletion of the data from the database is a part of this layer.

## FUNCTIONAL SPECIFICATION

1. Once user is registered, he/she can add products to cart to buy them further or directly buy them.
2. After checkout, user can view all addresses registered by him if any, otherwise, user can add address on which he/she wants delivery.
3. User can view the website as a visitor. He/She can view the products and other things but to buy the product, they have to signup for 1st time and then login.
4. User must signup by providing valid details like First Name, Last Name, User ID which be their identity, State, DOB, email, Phone, password with confirmation to register themselves on the website.
5. Even if the user has address added and they want to add another address, they can do it.
6. After the order is placed, user can view their previous orders in Your Order Panel.
7. Owner can view the number of users using the website and can delete the user if needed.
8. Owner can view the products inside each category and can add, edit and delete product inside each category.
9. Owner can view the orders of particular user with all the details like order date, address, phone etc.
10. After Login/Signup user can also view their details by clicking on their user ID in the header part where they can also update their details if they want to.
11. There is a Owner Panel from where website will be controlled.
12. Owner will login from the userid and password which is already entered in the database to login.

**Software Specification:**

* Technology Implemented : Mern Technology
* Language Used : HTML, CSS, JAVA SCRIPT, REACT
* Database : MangoDB
* User Interface Design : Figma
* Web Browser : Chrome

**Hardware Requirements:**

* Processor : Core i3
* Operating System : Windows
* RAM : 4 GB (minimum)
* Hardware Devices : Laptop
* Hard disk : NA
* Display : Adaptive

**FUTURE SCOPE**

The scope of this project named as AutoCart Bucket is to provide user-friendly e-commerce website which will be used for buying accessories related to Cars

like Seat Cover, Tires, Lights etc. A Relational Database Management System (RDBMS) is used to store all the details related to users, products, Owner.