**PROJECT SYNOPSIS**

**TITLE -: E-Commerce Furniture Shop Website**

1. **INTRODUCTION**

An E-commerce website requires an appropriate strategy of successful design and implementation. Everything is required to plan from scratch to end of website. The e-commerce sector is seen exponential growth thus a new option will easily be part of this race of commercial website. The e-commerce website will feature an online shopping facility for various Furniture products under a single web space. This furniture site supplies facilities to buy online basic, durable home and office furniture.

This website for is created to help increase its sales as well as to acquire more customers in the furniture market. As well as to treat every supplier, employee, and customer, our employees and our community and to provide a safe and convenient environment to shop.

This Project Online Furniture Shop will be developed on ReactJS. The main aim of this project on E-Commerce Furniture is to manage the details of Customers, Furniture, Order etc. There are two types of users in this project one is the admin, the second one is the customer. Admin can manage category, customer, furniture, order, system user etc,. Customer can manage their orders, order receipts, payments, item cart, etc.

1. **DEFINITION OF THE PROBLEM**

Currently shop owners keep all the records manually which is time consuming and tedious task. This is paper work which faces many human errors and is difficult to maintain. Therefore, this website will definitely help them to maintain the data in systematic manner in Digital way.

1. **PURPOSE & SCOPE**
2. Purpose:-

The website is to expand the business and get more customers making it convenient for them to buy products at their own place. This Website can be used by many users at the same time.

1. Scope:-

An Online E-Commerce Furniture Shop web-based application that enables users to by furniture products online. An online E-commerce system allows users to check various furniture products available at the online store and purchase online.

1. **MODULES**
2. Customer Module:

The main purpose of this module is to provide all the functionality related to customers. It tracks all the information and details of the customer. We have developed all type of CRUD(Create, Read, Update and Delete) operations of the customers.

This is a role-based module where admin can purpose each and every operation on data but the customer will be able to view only his/her data, so access level restrictions has also been implemented on the project.

*Features of Customer Module:*

* Admin can add new customers records
* Admin can see the list of customer’s details
* Only admin can edit and update the record of the customers
* Admin will be able to delete the records of the customers
* All customers forms are validated on client side
* Customer will be able to see his details
* Customer will be able to update his details

1. Category Module:

The main purpose for developing this module is to manage the category of furniture data-wise. So all furniture category will be managed by admin and the customer will be able to see the furniture category. Admin can see the list of all the furniture categories and filter it according to the customers.

*Features of Category Module:*

* Admin can manage the category
* Admin can edit/delete the category
* Admin can see the list of all category
* Customer can see category

1. Furniture Module:

The main purpose of developing this module is to manage the furniture. So all categories of furniture will be managed by admin and customers will be able to see the furniture.

*Features of Furniture Module:*

* Admin can manage the furniture
* Admin can edit/delete the furniture
* Admin can see the list of all furniture
* Customer can see furniture

1. Order Module:

The main purpose of developing this module is to manage customer orders for furniture. So all orders will be managed by admin and customers will be able to see their order and their payment receipt.

*Features of Order Module:*

* Admin can manage the order
* Admin can edit/delete the order
* Amin can see the list of all orders
* Customer can see his order

1. **REQUIREMENT AND SPECIFICATION**
2. Language and Software tools used:-

* Front-end: ReactJS
* Operating System: Windows 10
* Back-end: ReactJS, Firebase.

1. Hardware Requirement:-

* Processor: Pentium-IV and above
* Operating System: Windows, Mac, Linux.
* Hard disks: 20Gb of available disk space minimum
* RAM: 2Gb
* Screen: 1280 x 800 minimum screen resolution

1. Software Requirement:-

* Visual Studio Code
* Google Chrome

1. **CONCLUSION**

Websites are playing huge role in improvement of business. Most of the users are using dynamic and interactive websites because of their eye-catching visual effects. When it comes to our website basic motto was to change the manual working into the digital one.

The Website “E-Commerce Furniture Shop” reduces the drawbacks like burden of maintain records. It saves time and provides twenty-four hours accessibility at any place. GUI makes the interface very much user friendly. The system is highly user friendly and is well efficient to interactions with the users of the system.