

**PROJECT(2020-2021)**

**GLASSWARE  
(Web Development)**

**SYNOPSIS**

**Department of Computer Engineering &  
Applications**

**Institute of Engineering & Technology**



**GLA**  
**UNIVERSITY**  
**MATHURA**  
Established vide U.P. Act 21 of 2010.

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## **ACKNOWLEDGEMENT**

In the present world of competition there is a race of existence in which those are having will to come forward succeed. Project is like a bridge between theoretical and practical working. With this willing we joined this particular project. It gives us great pleasure and we are glad to represent the synopsis of our B.Tech mini Project-2 undertaken during the third year of our graduation era.

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## GLASSWARE

The project GLASSWARE aims to provide a responsive website which is an ecommerce website. This website will contain information about glassworks like it will contains products like lightings, Chandeliers, Crockeries, Bangles and Antique Pieces. The person will be able to buy such products from our site. We will be providing all the relevant information about such products.

In this website, we have a user module. A user will firstly log in into his or her account , After that he will be searching for the items which he or she have to buy and then he will be making a wishlist of his item and later on our site will give him an estimation or calculate the price of all the items he wants to buy.

So our website is basically for the customers who want to do online shoppings for glassworks . the user can be anyone like a businessman, party-planner and any other person.



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## **ABSTRACT**

This project is based on web development in which we are going to use both front-end and backend. We are going to build a E-Commerce website which will help people to make their life somewhat more easy.

Now, introducing our website, I would like to tell that we are going to build a Glassware Website. The site will contain all the relevant information related to the glassware items including lightings, glassworks, crockery, antique items etc.

- Lightings: We are going to make a section in our website which will contain lighting materials like hangings, wall lights, ceiling lights, Chandeliers, spare lights etc.
- Crockery: This section will contain items like glass, plates, dinner sets, bowls, mugs etc.
- Glassworks: This will contain bangles, bracelets and many more beautiful products.
- Alluring Antiques: This section will contain fascinating antique pieces.

The website will be responsive and attractive.

## **INTRODUCTION**

### **OBJECTIVE**

We are creating a real-time website to 'take a look of Glasswork' effectively and effortlessly having great features involved. This site accommodates attractive interfaces that are easily accessible and understandable by the users. Altogether this website will include all items related to glasses and all the relevant details to it. This site will be for all types of users who wants to look for things related to glasswork either the user can be businessman, shopkeeper, normal man and women who are looking for such things to decorate their houses or want to buy them.

### **MOTIVATION**

Gone are the days when Customers or buyers used to be satisfied with the services offered by offline agents and groups. In today's era of millennials and digital natives, customers are highly picky. They want something out of the ordinary. They are looking for highly magnificent and attractive products that perfectly suit their class and social status. People choices have changed significantly in recent years. Now, people prefer to have multiple varieties for same products. The purpose of the website is the principal fact that Internet users are increasing today, so to facilitate offline customers online because customers cannot spend their precious time in markets trying to find out the best deals. This site will provide users with the right information at the right time and with the enormous facilities. This site will intent to connect with the audience elegantly. Hence it is essential to have a strong and reliable front-end which can withhold the users on the site.

### **PROBLEM STATEMENT**

We are dealing with the situations of making things easier for the people who plan to do online shopping. This website will help the people to buy things related to glass for their houses, hotels, restaurants, party venues and marriage home with the utmost facilities. In today's era, building the trust of people and finding all the services in one place is most difficult. People are compelled to look at different websites for different offerings and better facilities, but this site will engage them more effectively with its good facilities. Beyond serving a trustworthy source of inspiration for doing the shopping, this site will also be giving travellers all the information clearly and evidently that they required to arrange their travel plans.

## **REQUIREMENT ANALYSIS**

### **HARDWARE REQUIREMENT(MINIMUM)**

- ✓ 4 GB RAM
- ✓ Processor core i3(7<sup>th</sup> generation)

### **SOFTWARE REQUIREMENT-**

- ✓ **SYSTEM SOFTWARE**
  - Operating System (Windows 10)
- ✓ **APPLICATION SOFTWARE**
  - VS code

### **TECHNOLOGY USED-**

- Front-end : Vscode
- Backend: MongoDB

### **LANGUAGE USED-**

- HTML
- CSS
- JavaScript

## **HTML:**

HTML stands for Hyper Text Markup Language. Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript. HTML describes the structure of a Web page.

## **CSS:**

CSS stands for Cascading Style Sheets. CSS describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once. External stylesheets are stored in CSS files.

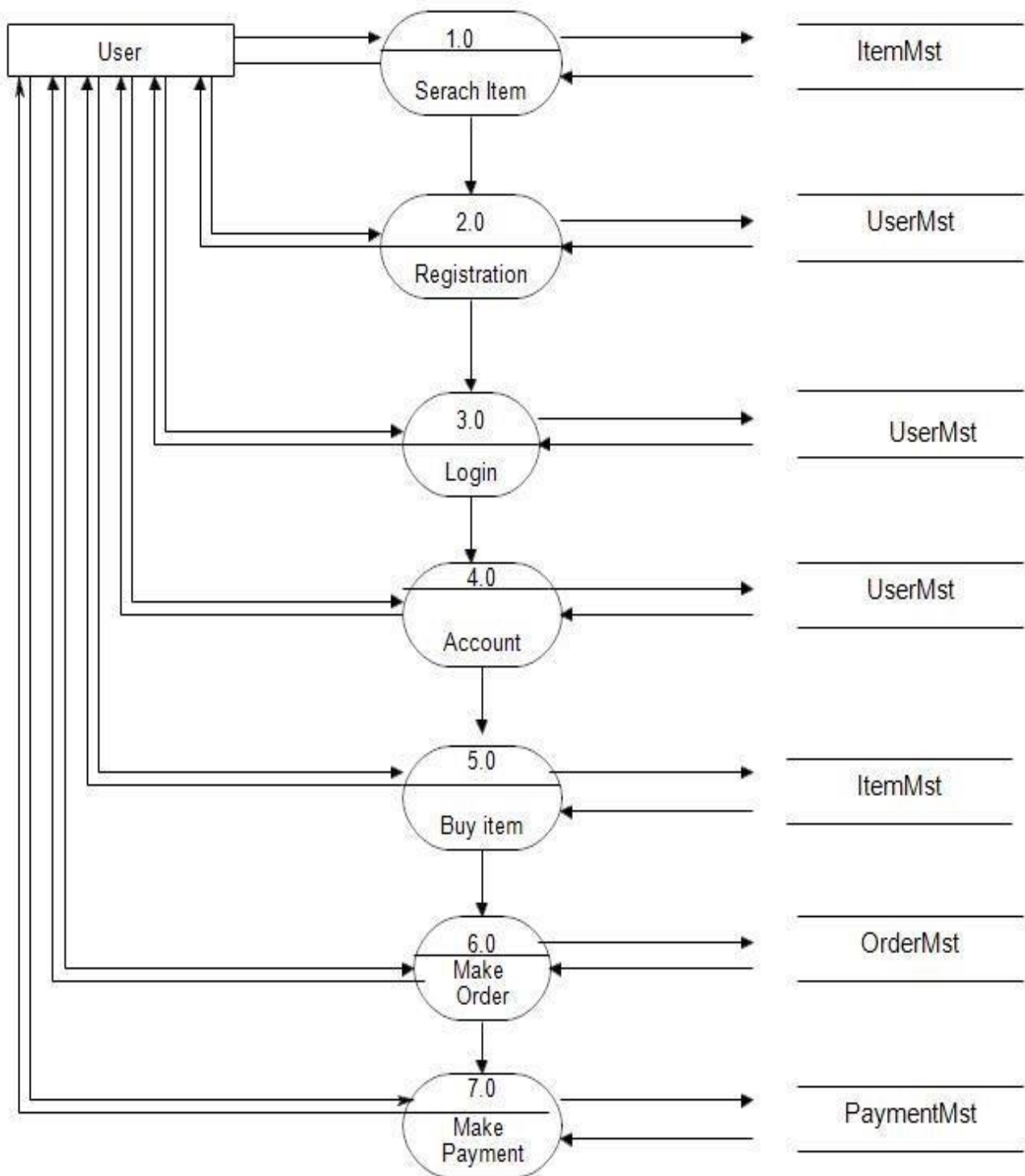
CSS is used to define styles for your web pages, including the design, layout and variations in display for different devices and screen sizes.

## **JavaScript:**

JavaScript is a text-based programming language used both on the client-side and **server**-side that allows you to make web pages interactive. Where HTML and CSS are languages that give structure and style to web pages, JavaScript gives web pages interactive elements that engage a user.



## DFD of website



## **Future Scope**

The purpose of the website is the principal fact that Internet users are increasing today, so to facilitate offline customers online because customers cannot spend their precious time in markets trying to find out the best deals. This site will provide users with the right information at the right time and with the enormous facilities. This site will intent to connect with the audience elegantly. Hence it is essential to have a strong and reliable front-end which can withhold the users on the site.

Our design objectives are:

- A Responsive, Mobile-friendly Design
- Clean, Easy-to-Use and User-friendly Search forms
- Being Comprehensive and provide Complete Information
- User-engaging and Attractive Interfaces

## **ADVANTAGES:**

- This is a e-commerce website and it will help people buy different products from their home instead of wandering for the items here and there.
- It will save time of people.
- People will have different varieties and they will have multiple choices for the item they are looking for.

## **DISADVANTAGES:**

- The item can be expensive in the website.
- The services provide by the website may be out of reach.

## **REFERENCES**

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