

A
PROJECT REPORT ON
SHRUTI'S CRAFT CORNER

SUBMITTED BY
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SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN PARTIAL FULLFILLMENT OF DEGREE
MASTERS OF COMPUTER APPLICATIONS (SEM-I)

UNDER THE GUIDANCE OF
Dr. Samiksha Yeola
Through,



**Sadhu Vaswani Institute of Management and Studies for Girls,
Koregaon Park, Pune-411001**

2024-25

CERTIFICATE



This is to certify that the mini project report entitled, “**Shruti’s Craft Corner**” being submitted herewith in partial fulfillment of requirement of the award of the degree of **Masters in Computer Applications** (SEM-I) to Savitribai Phule Pune university, Pune is the result of original project completed by Nikita Govind Mushan under my supervision and guidance and to the best of my knowledge and belief, the work embodies in this project has not found earlier the basis for the award of degree of any similar title or any other university or examining body.

Date:

Place: Pune

Dr. Samiksha Yeola
Project Guide

Dr. Neeta Raskar
HOD

Dr. B. H Nanwani
Director

Examiner 1 sign

Examiner 2 sign

DECLARATION BY STUDENT

To

The Director

SVIMS, Koregaon Park, Pune

I undersigned declare that this project titled “Shruti’s Craft Corner” Written submitted by me to SPPU, Pune, in partial fulfillment of the requirement and award of the degree of Masters of Computer Applications (MCA-I) under the guidance of Dr. Samiksha Yeola, is my original work.

I further declare that to the best of my knowledge and belief, this project has not been submitted to this or any other University or Indian institute for award of any degree.

Place: Pune

Date:

(Nikita Govind Mushan)

ACKNOWLEDGEMENT

I extend my sincere gratitude to Ms. B. H. Nanwani, Ms. Neeta Raskar and Miss. Samiksha Yeola for allowing me to carry out the study and for their constant encouragement, valuable suggestions, and guidance during the research work.

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Place: Pune

Date:

Nikita Govind Mushan

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CHAPTER 1

INTRODUCTION

1.1 Client/ Organization profile: -

Name: Shruti's Craft Corner

Location: Solapur

About Organization:

Handicrafts refer to products that are made by hand with simple tools, often with traditional methods and skills passed down through generations. These items can include a wide range of objects such as pottery, textiles, jewellery, woodworking, metalwork, basketry, and more.

Handicrafts are often valued for their uniqueness, quality, and cultural significance. They can be utilitarian objects or decorative pieces, and they are often created by artisans or craftspeople who specialize in specific techniques or materials. Handicrafts are celebrated for their craftsmanship and can be found in markets, galleries, and craft fairs around the world.

Every handicraft has a story of the passion of craftsman who created it or his inspiration to make it.

Now a days, people are not valuing the art and not continuing to be with it. They do not pay the right price and encourage artist.

As the value of handicraft and artists is decreasing artists are also at times looking for different ways of employment.

We should contribute to the handicraft and art bring home made in India. So, we are making a handmade craft website named as "Shruti's Craft Store" which will very useful for the handicraft artist.

1.2 Need for Website: -

A Shruti's Craft Corner website needs to showcase products beautifully and intuitively. It requires a visually appealing design that reflects the store's unique artistic style. Essential features include a user-friendly navigation system, high-quality images with zoom options, and detailed product descriptions. An integrated shopping cart, secure payment gateway, and order tracking system are crucial for seamless transactions. The website should also have customer review sections, a blog for craft-related content, and an "About Us" page to build brand connection. Mobile responsiveness, fast loading speeds, and SEO optimization are necessary to attract and retain customers. Social media integration can boost engagement and sales.

1. Homepage

- Banner: Highlight featured products, seasonal offers, or special events.
- Mission Statement: Briefly convey your store's passion for handmade craftsmanship.
- Featured Products: Display bestsellers or newly added items.

2. Shop Page

- Categories: Organize products into categories (e.g. photo frames, polaroids, calendars gifts, etc.).
- Filters: Allow sorting by price, material, colour, size, or occasion.
- Product Pages: Include product photos, detailed descriptions, size/material specifications, pricing, and customer reviews.

3. About Us Page

- Story: Share the journey behind your craft store and your inspiration.
- Meet the Team: Introduce artisans or the store owner with photos and bios.
- Sustainability Practices: Highlight eco-friendly materials or processes if applicable.

5. Contact Us Page

- Form: Enable users to ask questions or request custom orders.

8. Special Features

- Gift Cards: Offer digital gift card options.
- Custom Orders: Provide an option for custom handmade items.

1.3 Scope of The System: -

This website is made for only “Shruti’s Craft Store” business.

This website is made for only online purpose only.

❖ Feasibility of Work:

During the course of designing and analyzing the project stress has been given on the hardware and software requirements and the data connectivity required.

Following are three types of feasibility study:

- 1. Technical Feasibility**
- 2. Economic Feasibility**
- 3. Operational Feasibility**

➤ Technical Feasibility: -

Technical Feasibility it is the study of hardware and software requirement on which the website is to be used upon.

➤ Economic Feasibility: -

Economic analysis is the most frequently used technique for evaluating the effectiveness of a proposed system. More commonly known as cost/benefit analysis; in this procedure we determine the benefits and savings that are expected from a proposed system and compare them with costs. We found the benefits outweigh the costs; we take a decision to design and implement the new proposed system.

➤ Operational feasibility: -

Only those users will be able to access this website/Mobile Application who have registered themselves on this website. The user needs to have Computer or a smartphone as well as a basic knowledge of a computer or Internet which is not a big issue. This website will be compatible with both Computer and Android /IOS devices

1.4 Operating Environment – H/w & S/w:-

-Minimum Hardware Requirement: -

- 1] RAM: - 4GB(Recommended).
- 2] Hard Disk with at least 10GB ROM

-Software Requirements: -

- 1] Integrated Development Environment (IDE): Visual Studio Code.
- 2] Database: PhpMyAdmin.
- 3] Backend: PHP Language.
- 4] Platform: Windows 11.
- 5] Browser (Google Chrome recommended).

1.5 Detail Description of technology used:-

2 HTML (Version: HTML5)

It stands for Hypertext Markup Language which is used to add basic structure to web page. HTML provides the building the block of the webpage. Other than that HTML is very useful in building and connecting multiple pages. HTML uses mark-up to annotate text, images and other content. HTML tags are used to build the block of the web page.

Advantages of HTML:

- **Accessibility:** HTML provides features that make it possible to create web pages that are accessible to users with disabilities.
- **Easy to Learn and Use:** HTML has a simple structure, which makes it easy for beginners too to learn and use.
- **Wide range of tools and resources:** There are many tools and resources available for HTML development including editors, validators and libraries. This makes it easy for developers to create and maintain web pages using HTML.

3 CSS (Version CSS3)

It stands for Cascading Style Sheets which is used to make the websites more attractive and beautiful web pages. It is used to design the page and to create animation as well. It is used for describing the presentation of a document written in mark-up language such as HTML or XHTML. It is a corner store technology of the World Wide Web, alongside HTML and JavaScript. It provides more flexibility and control to the HTML tags and content.

Advantages of CSS:

- **Compatibility:** CSS is supported by all modern web browsers, making it a reliable and widely used technology for web design.
- **Responsive Design:** CSS allows developers to create responsive web designs that adapt to different screen sizes and devices. This means that the website will look good and be easy to use on desktops, laptops, tablets and smart phones.
- **Consistency:** With CSS, developers can create a set of style rules that apply it to all pages on a website, ensuring a consistent look and feel throughout the site.

4 JavaScript (Version ES022)

It is a scripting language. It was developed by Brendan Eich of Netscape. It is one of the most popular language in 2024. It is used to make web pages more interactive and used to create web applications as well as games and web applications. Javascript is used to program the behavior of the web page. All major web browsers have a dedicated Javascript engine to execute the code on user's device.

Advantages of JavaScript:

- **Improved Performance:** By allowing for dynamic updates to web pages without the need to reload the entire page, JavaScript can improve the performance of web applications and reduce server load.
- **Platform Independent:** JavaScript runs on all major web browsers and can be used on a variety of platforms, including desktop and mobile devices, making it a highly flexible and versatile technology for web development.
- **Easy to Learn:** JavaScript is a relatively easy language to learn, with a simple syntax and a large community of developers providing support and resources.

5 PHP

The abbreviation PHP initially stood for Personal Homepage. But now it is a recursive acronym for Hypertext Preprocessor. PHP is an open-source server-side scripting language that many developers use for the web development. It is also a general-purpose language that you can use to make lots of projects, including Graphical User Interfaces (GUIs).

Advantages of PHP:

- **Cross-Platform:** PHP is a platform independent language. You don't have to have a particular OS to use it because it runs on every platform, whether it's Mac, Linux, Windows, or any other.
- **Open Source:** PHP is an open source. The original code is made available to everyone who wants to build upon it.
- **Easy to Learn:** PHP is not hard to learn for absolute beginners. You can pick it up pretty if you already have programming knowledge.
- **Supportive Community:** PHP has a very supportive online community. The official documentation provides guides on how to use features and you can easily get your problem fixed while stuck.

6 MySQL

MySQL is an open-source relational database management system (RDBMS) that is widely used for storing, organizing, and retrieving data. Developed and maintained by Oracle Corporation, MySQL operates based on the Structured Query Language (SQL), which allows users to perform various operations like querying, updating, and managing databases. It is known for its reliability, scalability, and performance, making it a popular choice for web applications, data warehousing, and e-commerce platforms. MySQL supports multiple platforms and programming languages, and its compatibility with tools like PHP and Apache makes it a cornerstone of the LAMP stack (Linux, Apache, MySQL, PHP).

Advantages of MySQL

- **Open-Source:** MySQL is free to use and open-source, making it accessible to developers and organizations of all sizes.
- **Cross-Platform Compatibility:** It works seamlessly on various operating systems, including Windows, Linux, macOS, and Unix.
- **Ease of Use:** MySQL has a user-friendly interface and well-documented features, making it easy for beginners and experts alike.
- **High Performance:** Optimized for speed and reliability, MySQL efficiently handles large databases and high-traffic applications.
- **Scalability:** MySQL scales effectively to accommodate growing data volumes and increasing user demands.
- **Security Features:** Provides robust security mechanisms like user authentication, data encryption, and access control.

CHAPTER 2

PROPOSED SYSTEM

2.1 Proposed System: -

To buy any product in our website firstly you have to visit our website and login with your email and password if you are new user to our website then first you have to register.

After login you can see our products. To order any product you have to select any product and then click on add to card button then your selected product will be added in the cart. If you want to delete any product then just click on delete button. Then you have to click on proceed to continue after clicking you will see the details form and after filling this form your order will be successfully placed.

We provide the payment method online and also cash on delivery. We provide PhonePe and google pay number through this you can pay online.

2.2 Objective of The System: -

- Customers can buy a product.
- Customers can view our products samples.
- We also provide customized products.
- Customers can see the details for products.
- Customers can send their queries and messages.
- Can be used anywhere anytime

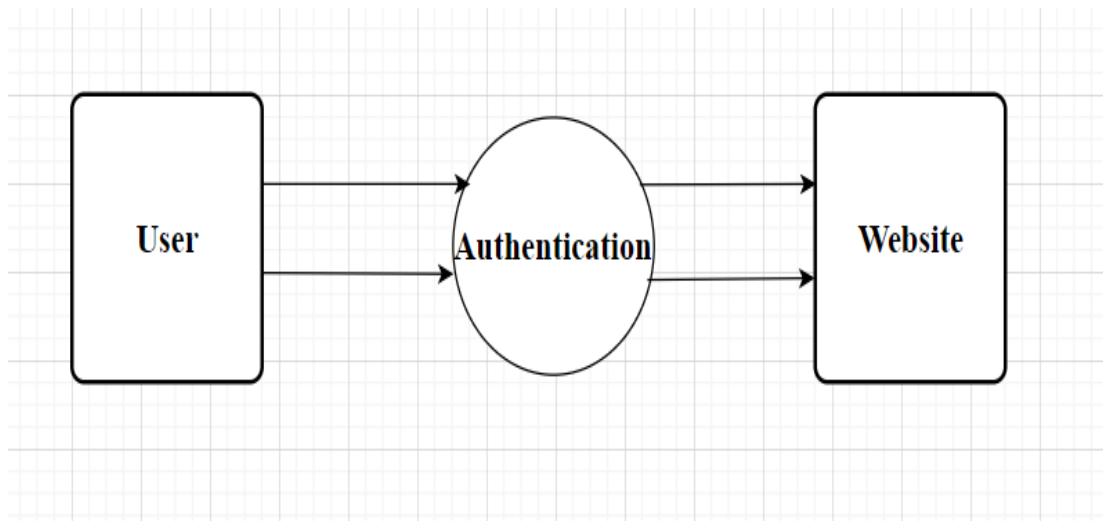
2.3 User Requirements: -

- The users should be able to create accounts with unique emails, usernames and passwords.
- The comprehensive shop page of different types of products should be available each product should have detailed information, including name, description, price, and any safety guidance.
- The users can add multiple products in cart for later purchase.
- The cart should display the total price and allow users to modify quantities or remove items.
- Users can fill up the checkout form for the final order confirmation.
- The users can view the about page that shows detailed explanation of our team and our journey.
- If users want to inquire about products or wants to give us any feedback, they can send message to us by contact form

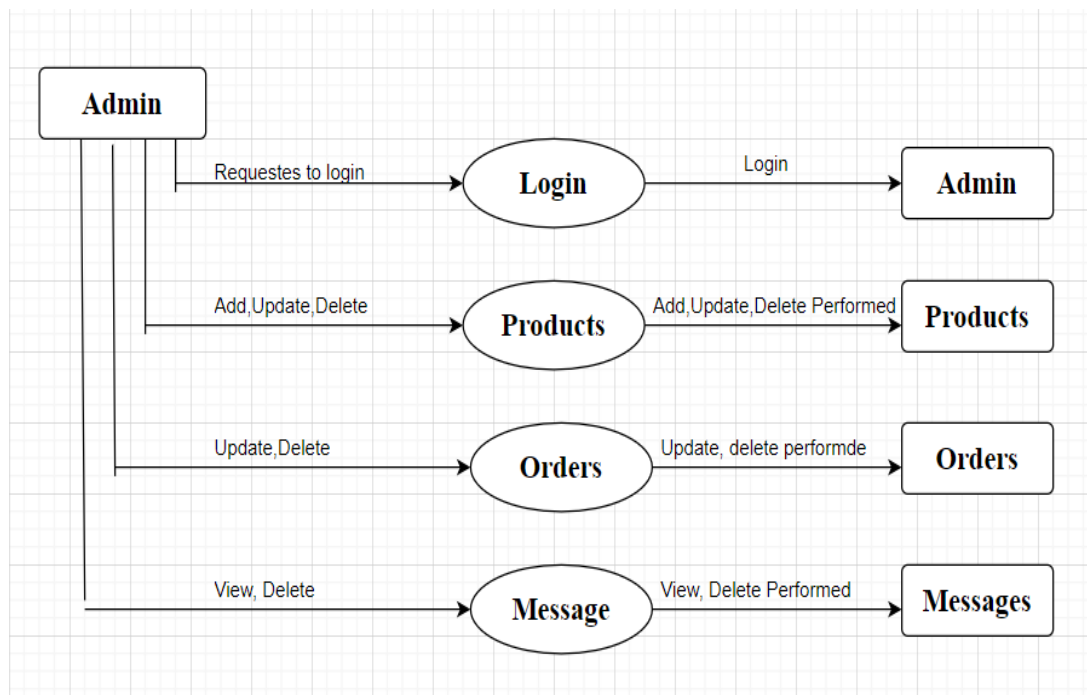
CHAPTER 3

ANALYSIS AND DESIGN

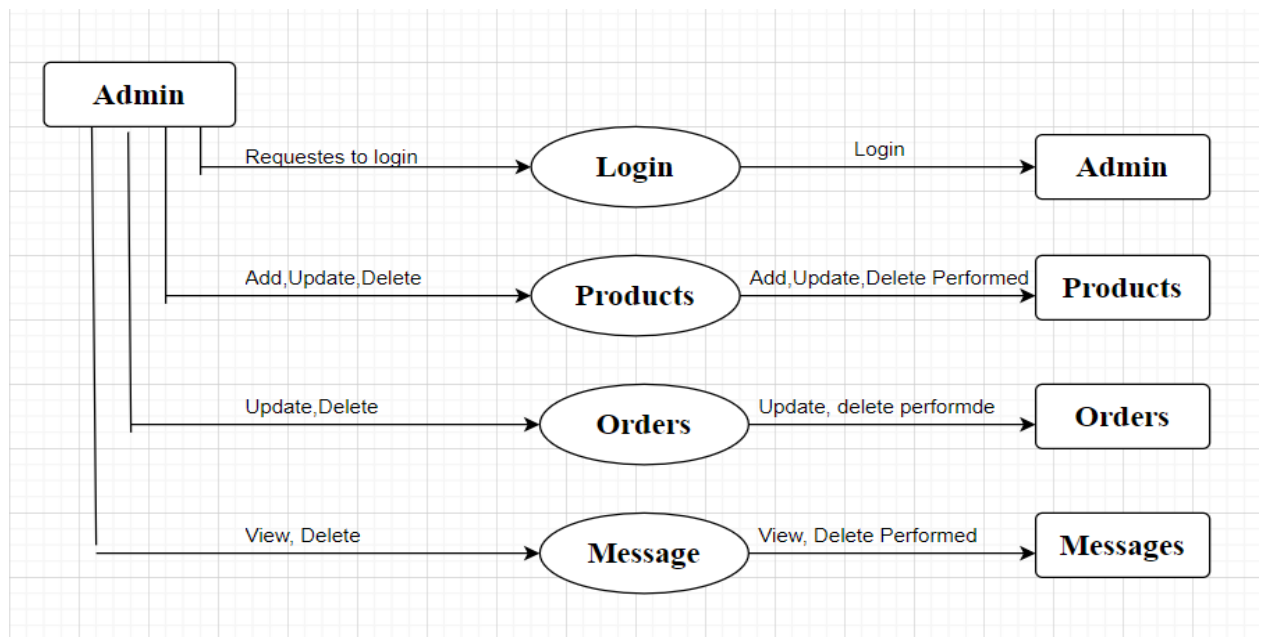
Zero Level DFD: -



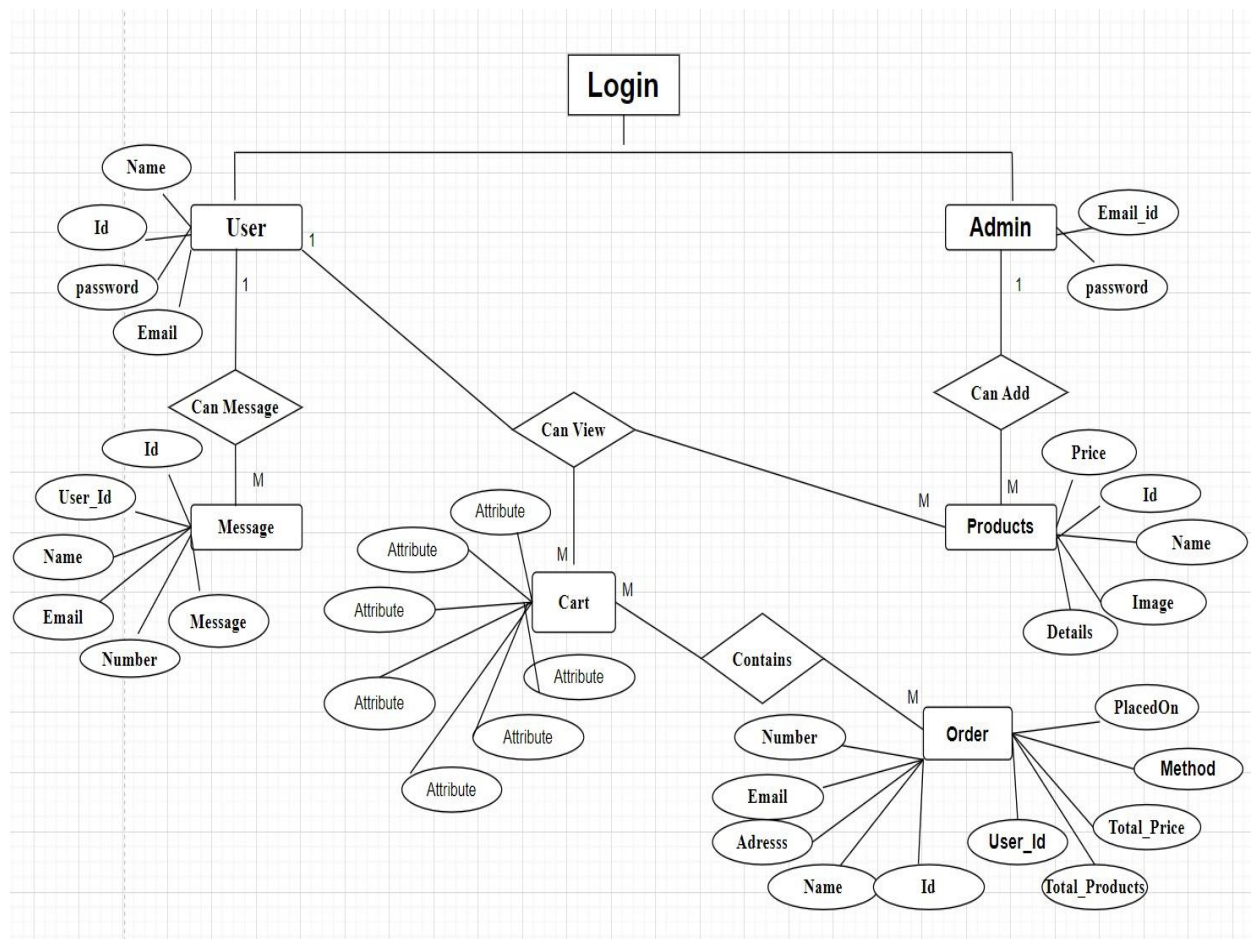
First level (Admin) DFD: -



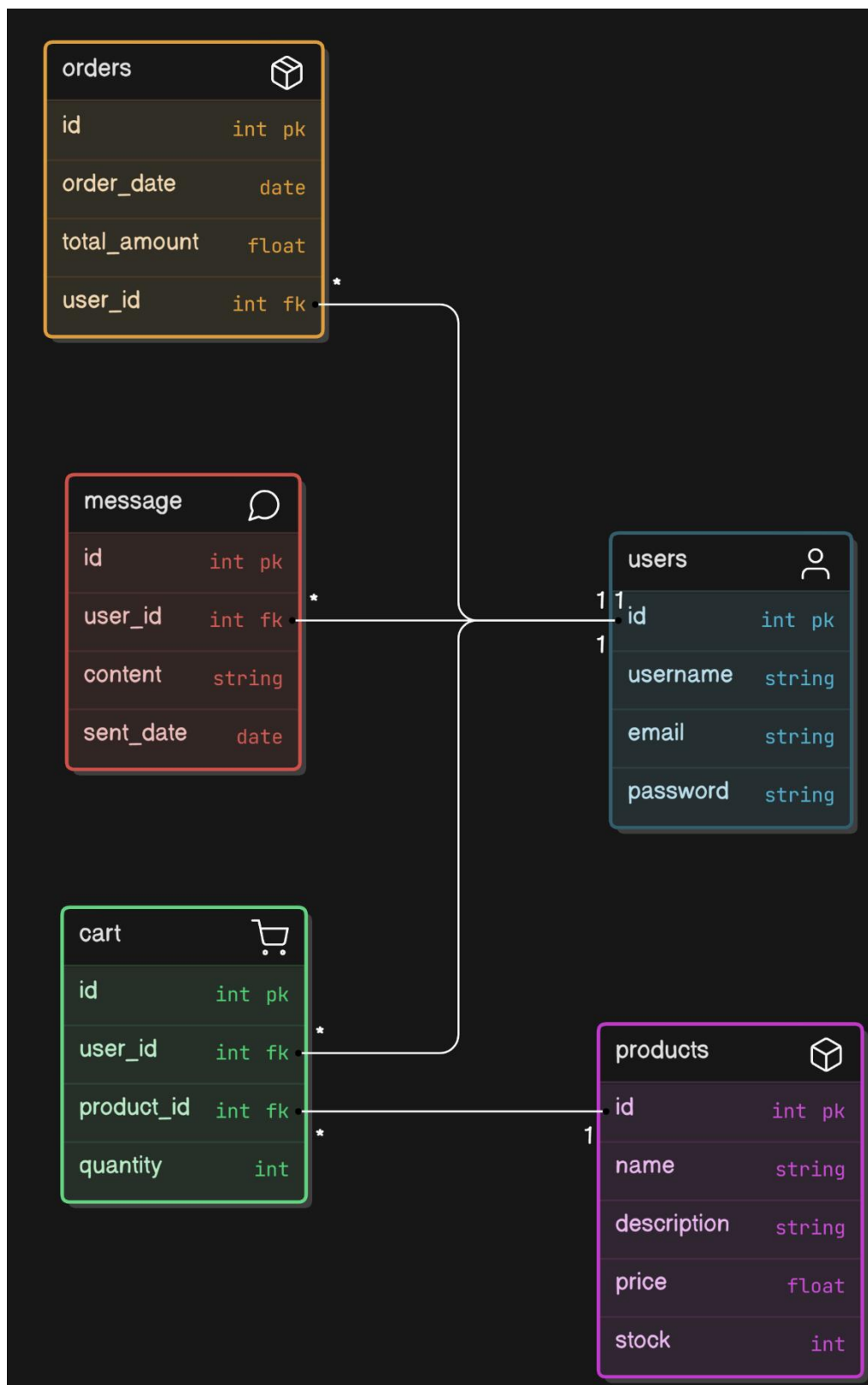
Admin Level DFD: -



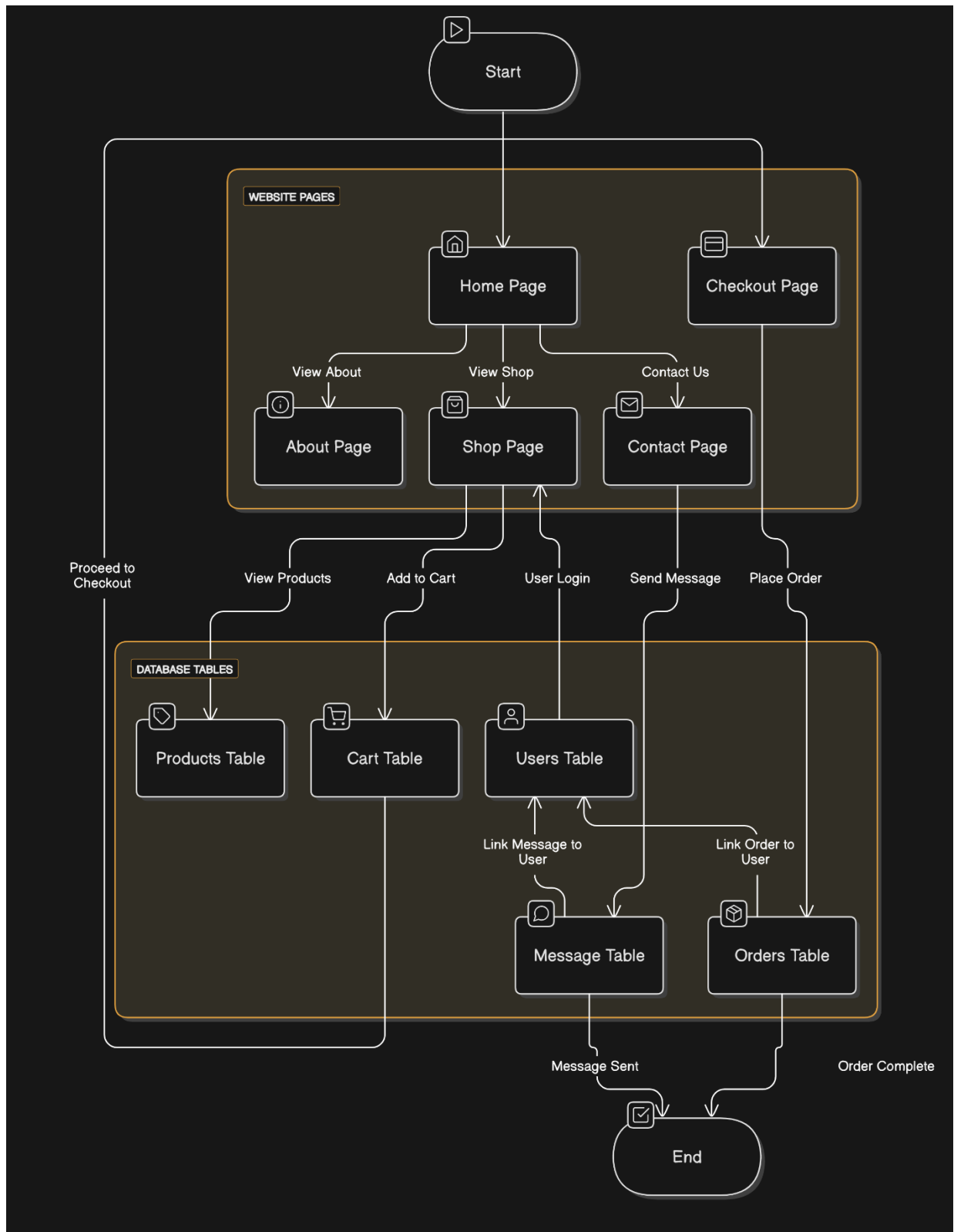
ERD: -



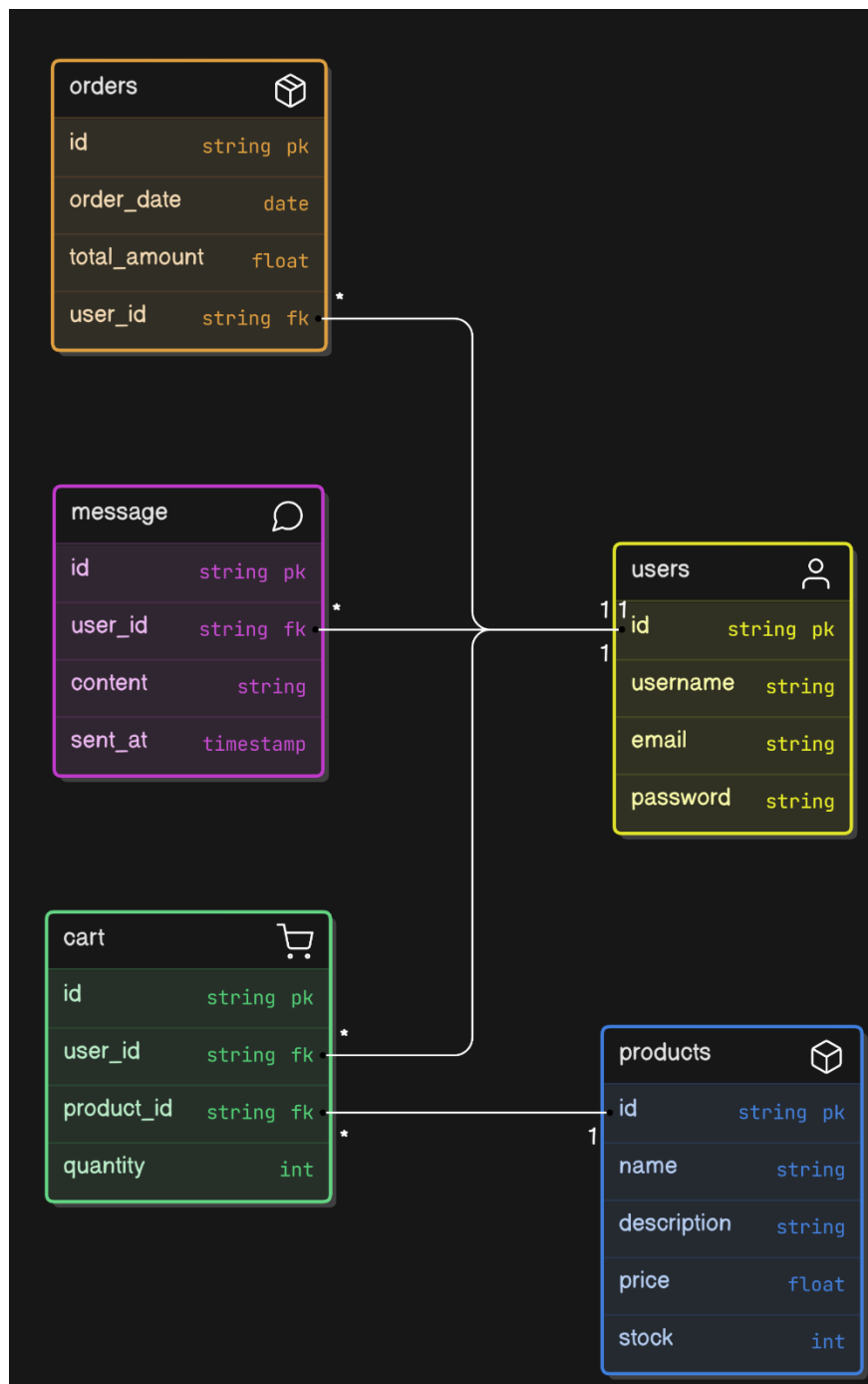
Class Diagram: -



Use Case Diagram: -



Activity Diagram: -



- **Table Specification: -**

➤ User Registration Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(100)			No	None		AUTO_INCREMENT
2	name	varchar(100)	utf8mb4_general_ci		No	None		
3	email	varchar(100)	utf8mb4_general_ci		No	None		
4	password	varchar(100)	utf8mb4_general_ci		No	None		
5	user_type	varchar(20)	utf8mb4_general_ci		No	user		

➤ Cart Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(100)			No	None		AUTO_INCREMENT
2	user_id	int(100)			No	None		
3	pid	int(100)			No	None		
4	name	varchar(100)	utf8mb4_general_ci		No	None		
5	price	int(100)			No	None		
6	quantity	int(100)			No	None		
7	image	varchar(100)	utf8mb4_general_ci		No	None		

➤ Product Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(100)			No	None		AUTO_INCREMENT
2	name	varchar(100)	utf8mb4_general_ci		No	None		
3	details	varchar(500)	utf8mb4_general_ci		No	None		
4	price	int(100)			No	None		
5	image	varchar(100)	utf8mb4_general_ci		No	None		

➤ Order Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🔑	int(100)			No	None		AUTO_INCREMENT
2	user_id	int(100)			No	None		
3	name	varchar(100)	utf8mb4_general_ci		No	None		
4	number	varchar(12)	utf8mb4_general_ci		No	None		
5	email	varchar(100)	utf8mb4_general_ci		No	None		
6	method	varchar(50)	utf8mb4_general_ci		No	None		
7	address	varchar(500)	utf8mb4_general_ci		No	None		
8	total_products	varchar(1000)	utf8mb4_general_ci		No	None		
9	total_price	int(100)			No	None		
10	placed_on	varchar(50)	utf8mb4_general_ci		No	None		
11	payment_status	varchar(20)	utf8mb4_general_ci		No	pending		

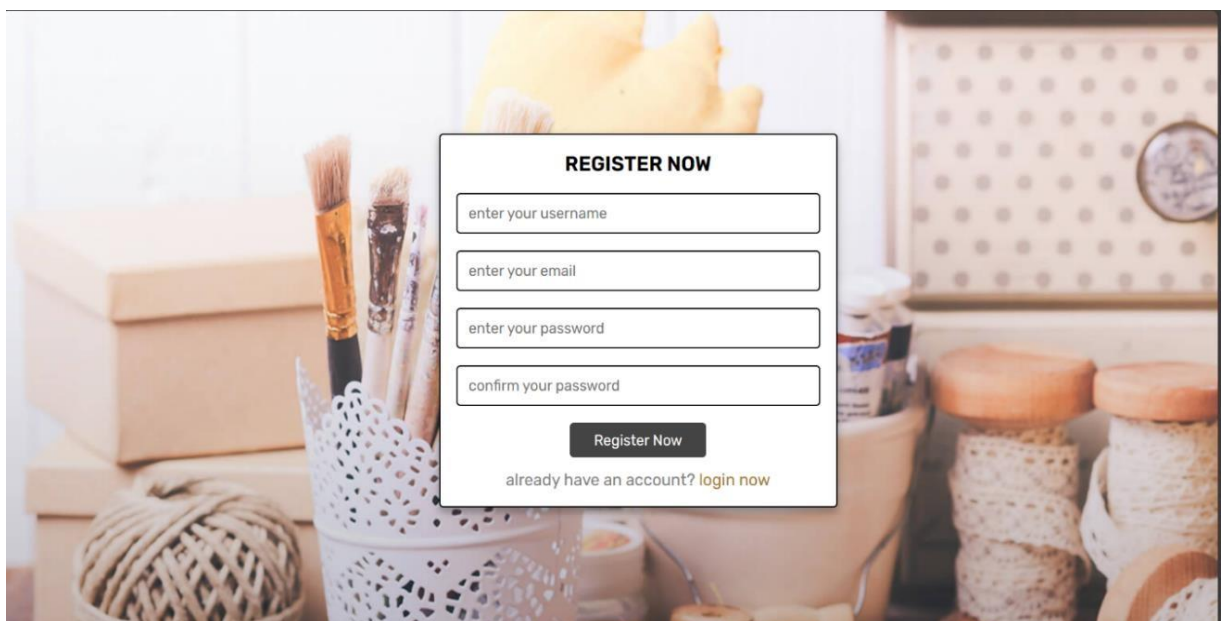
➤ Message Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🔑	int(100)			No	None		AUTO_INCREMENT
2	user_id	int(100)			No	None		
3	name	varchar(100)	utf8mb4_general_ci		No	None		
4	email	varchar(100)	utf8mb4_general_ci		No	None		
5	number	varchar(12)	utf8mb4_general_ci		No	None		
6	message	varchar(500)	utf8mb4_general_ci		No	None		

CHAPTER 4

USER INTERFACE DESIGN

User Registration Page: -

The image shows a user registration form overlaid on a background of craft supplies. The form is titled "REGISTER NOW" and contains four input fields: "enter your username", "enter your email", "enter your password", and "confirm your password". Below the fields is a "Register Now" button and a link that says "already have an account? login now". The background features paintbrushes in a white holder, a ball of twine, and spools of thread.

REGISTER NOW

enter your username

enter your email

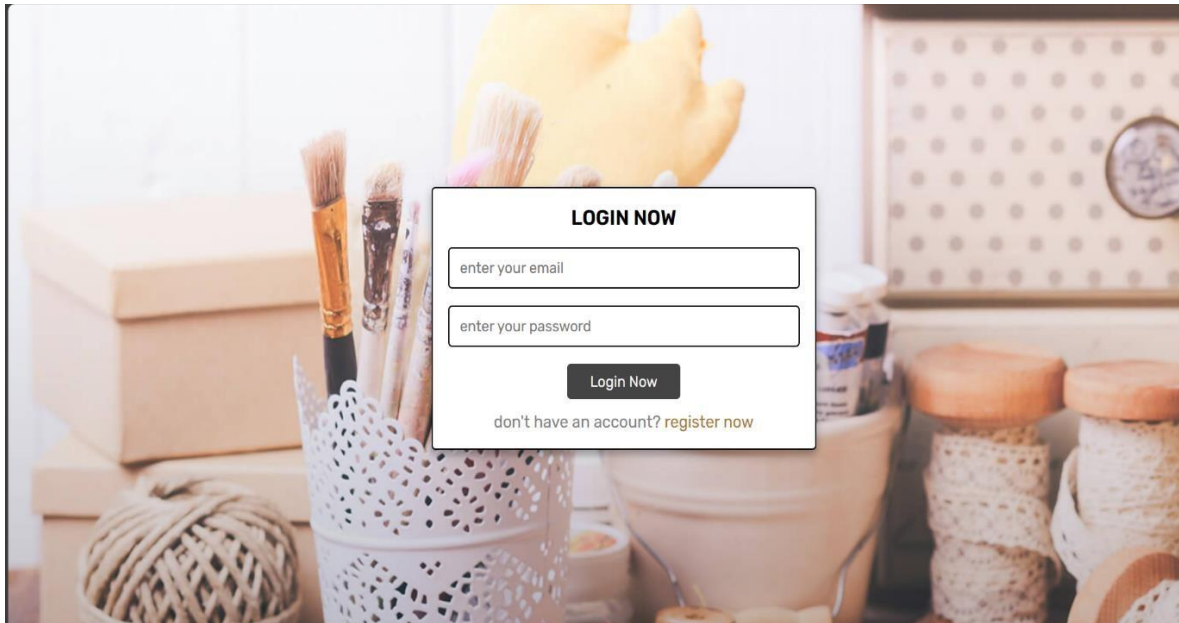
enter your password

confirm your password

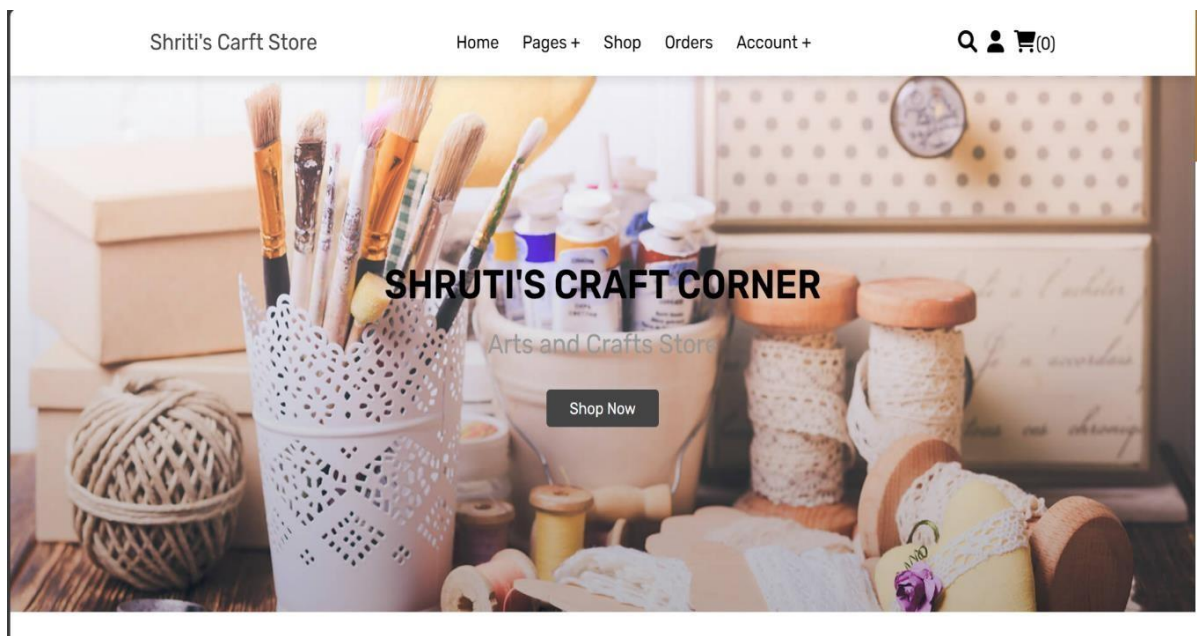
Register Now

already have an account? [login now](#)

Login Page: -



Home Page: -



About Page: -

Shriti's Carft Store

HomePages +ShopOrdersAccount +


Q

👤

🛒(0)

ABOUT US

home / about



welcome to our shop

Hello I'm Shruti Dyawarshetti founder of Shruti's Craft Corner!!

Welcome to my website. We are a team of craft lovers (Me & My Sis) who enjoy creating beautiful and unique products for our customers. We specialize in handmade crafts and gifts. We love to create unique and personalized items for any occasion, such as birthdays, weddings, anniversaries, holidays, and more. more. Our products include greeting cards, phone cases, photo album, memory book, vintage frames, calendar and polaroids.

Read More

Product Page: -

Shriti's Carft Store

HomePages +ShopOrdersAccount +


Q

👤

🛒(0)

OUR PRODUCTS

200/-




Memory Album

1

Add To Cart

200/-




Calendar

1

Add To Cart

200/-



Polaroids

1

Add To Cart

Order Page: -

localhost:3000/admin_orders.php

AdminPanel home products orders users messages

PLACED ORDERS

<p>user id : 16</p> <p>placed on : 29-Nov-2024</p> <p>name : Nikita Mushan</p> <p>number : 8421132637</p> <p>email : nikitamushan381@gmail.com</p> <p>address : Solapur, 413005</p> <p>total products : , cottage rose (1) , lavender rose (1) , pink rose (1)</p> <p>total price : ₹40/-</p> <p>payment method : online : 9309033661</p> <p>pending</p> <p>Update Delete</p>	<p>user id : 17</p> <p>placed on : 30-Nov-2024</p> <p>name : Nikita Mushan</p> <p>number : 8421132637</p> <p>email : nikitamushan381@gmail.com</p> <p>address : Solapur, 413005</p> <p>total products : , pink bouquet (2)</p> <p>total price : ₹30/-</p> <p>payment method : cash on delivery</p> <p>completed</p> <p>Update Delete</p>
---	--

Checkout page: -

Shruti's Craft Store Home Pages + Shop Orders Account +

🔍 👤 🛒(1)

Place Your Order

your name :

your number :

your email :

address line :

payment method :

city :




pin code :

Order Now

Contact Us: -

Shriti's Carft Store

HomePages +ShopOrdersAccount +

 (0)

CONTACT US


home / contact

Send Message

Admin Dashboard: -

AdminPanel

homeproductsordersusersmessages



DASHBOARD

₹800/-

total pendings

₹0/-

completed paymets

3

orders placed

6

products added

4

normal users

4

new messages

Product Edit Page: -


AdminPanel

home products orders users messages


ADD NEW PRODUCT

No file chosen


\$200/-



\$200/-



\$200/-



Users Page: -

AdminPanel

home products orders users messages

USERS ACCOUNT

<div>user id : 10</div> <div>username : admin A</div> <div>email : admin01@gmail.com</div> <div>user type : admin</div> <div><input type="button" value="Delete"/></div>	<div>user id : 14</div> <div>username : user A</div> <div>email : user01@gmail.com</div> <div>user type : user</div> <div><input type="button" value="Delete"/></div>	<div>user id : 15</div> <div>username : user B</div> <div>email : user02@gmail.com</div> <div>user type : user</div> <div><input type="button" value="Delete"/></div>
<div>user id : 16</div> <div>username : nik</div> <div>email : nik@gmail.com</div> <div>user type : user</div> <div><input type="button" value="Delete"/></div>	<div>user id : 17</div> <div>username : shreya</div> <div>email : shreya@gmail.com</div> <div>user type : user</div> <div><input type="button" value="Delete"/></div>	<div>user id : 18</div> <div>username : Nikita Mushan</div> <div>email : nikitamushan381@gmail.com</div> <div>user type : user</div> <div><input type="button" value="Delete"/></div>

Message Page: -

AdminPanel

home products orders users messages

MESSAGES

user id : 18

name : nikita

number : 8421132637

email :
nikitamushan381@gmail.com

message : Hello can i get more
information related to this
bussiness

Delete

user id : 18

name : Shreya Dyavershetti

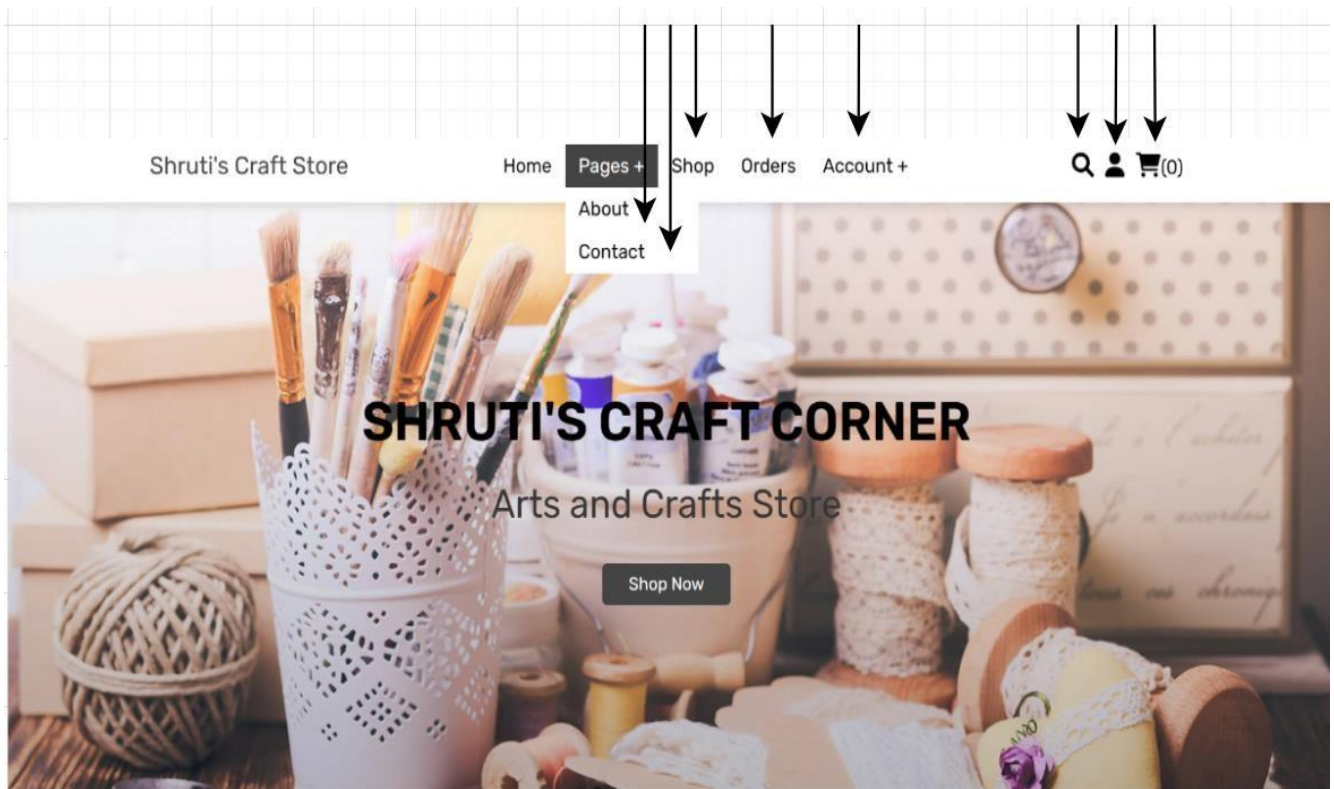
number : 8421132637

email : shreya@gmail.com

message : can i get more info

Delete

- **User Manual**



- After clicking on the About the user can see the journey of the “shruti’s Craft Store” website.
- After clicking on the Contact, the user can send their queries, requirements, about their customized products information etc.
- After clicking on the Shop, the user can see products and also from there user can easily add products to cart to order.
- After clicking on orders, the user can see their previous orders list.
- After clicking on login, the user can login with another email and pass if registered.
- After clicking on the register, the user can register for our website.
- After clicking on the search icon, the user can search the products.
- After clicking on the user icon, the user can logout from there.
- After clicking on the cart icon, the user can see their products which are added to the cart.

4.2 Limitations

The "Shruti's Craft Corner" website may face certain limitations that could impact its overall effectiveness. One key limitation is its scalability; as the business grows and the number of products increases, the website might require significant upgrades to handle additional traffic and maintain optimal performance. Another potential limitation is the user interface, which may not be sufficiently intuitive for all users, especially those who are not tech-savvy, leading to a subpar user experience. Additionally, the website's security measures could be a concern if not properly implemented, posing risks to customer data and transactions. Lastly, the website may lack advanced analytics tools to monitor user behavior and optimize marketing strategies, thereby limiting the business's ability to adapt to customer needs effectively.

4.3 Future Enhancements

In this website now we are providing only online mode number through which the user can pay online. But in future we are going to implement the payment process completely.

• BIBLOGRAPHY

To design and develop this project we have collected information with the help of following.

Books Referred:

Web Technologies Black Book.

Author Name: Kogent Learning Solutions inc.

Website Referred:

1.<https://www.w3schools.com/>

2.<https://www.javatpoint.com/html-tutorial>

Annexure (Sample Program Code)

```
<?php

@include 'config.php';

if(isset($_POST['submit'])){

    $filter_name = filter_var($_POST['name'], FILTER_SANITIZE_STRING);
    $name = mysqli_real_escape_string($conn, $filter_name);
    $filter_email = filter_var($_POST['email'], FILTER_SANITIZE_STRING);
    $email = mysqli_real_escape_string($conn, $filter_email);
    $filter_pass = filter_var($_POST['pass'], FILTER_SANITIZE_STRING);
    $pass = mysqli_real_escape_string($conn, md5($filter_pass));
    $filter_cpass = filter_var($_POST['cpass'], FILTER_SANITIZE_STRING);
    $cpass = mysqli_real_escape_string($conn, md5($filter_cpass));

    $select_users = mysqli_query($conn, "SELECT * FROM `users` WHERE email = '$email'" ) or
die('query failed');

    if(mysqli_num_rows($select_users) > 0){
        $message[] = 'user already exist!';
    }else{
        if($pass != $cpass){
            $message[] = 'confirm password not matched!';
        }else{
            mysqli_query($conn, "INSERT INTO `users`(name, email, password) VALUES('$name', '$email',
'$pass')") or die('query failed');
            $message[] = 'registered successfully!';
            header('location:login.php');
        }
    }
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>register</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

    <!-- custom css file link -->
```

```

<link rel="stylesheet" href="css/style.css">

</head>
<body>

<?php
if(isset($message)){
    foreach($message as $message){
        echo '
        <div class="message">
            <span>'.$message.'</span>
            <i class="fas fa-times" onclick="this.parentElement.remove();"></i>
        </div>
        ';
    }
}
?>

<section class="form-container">

    <form action="" method="post">
        <h3>register now</h3>
        <input type="text" name="name" class="box" pattern="[A-Za-z\s\-'"]+" placeholder="enter your name" title="Please enter only alphabets from A to Z " required>
        <input type="email" name="email" class="box" placeholder="Enter your email" required>
        <input type="password" name="pass" class="box" placeholder="enter your password" required>
        <input type="password" name="cpass" class="box" placeholder="confirm your password" required>
        <input type="submit" class="btn" name="submit" value="register now">
        <p>already have an account? <a href="login.php">login now</a></p>
    </form>

</section>

</body>
</html>

```