

# Introducing Prisha Pottery

A comprehensive overview of Prisha Pottery's vision for elegant and functional ceramic designs.

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Presenter



# Prisha Pottery Overview

Quality Homemade Ceramics

## Product Line

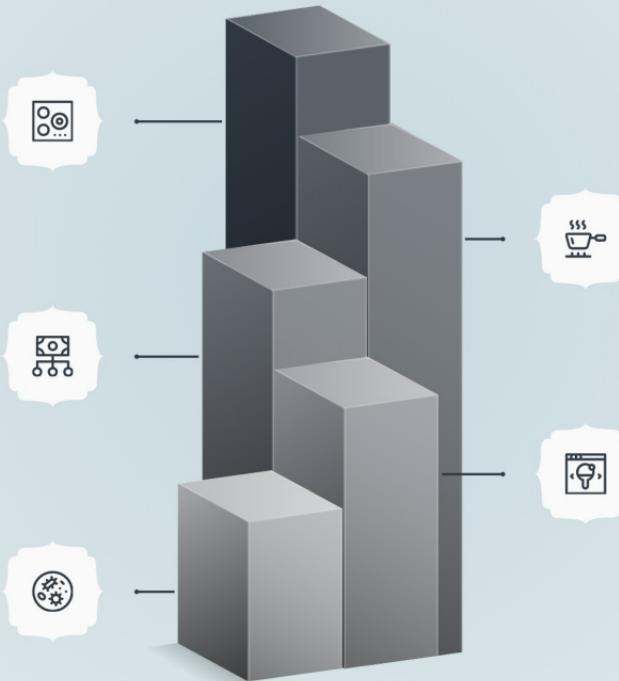
Prisha Pottery specializes in an array of quality homemade ceramic pieces, including mugs, vases, tableware, pots for plants, berry bowls, and nativity scenes. Each item is crafted with a focus on simple, elegant, and functional design.

## Fair Pricing Strategy

We strive to keep our prices fair and accessible. By offering a wide range of sizes and considering the time spent crafting each piece, we appeal to a broad public while maintaining value.

## Unique Handmade Quality

Every piece from Prisha Pottery is designed to bring joy and add a unique quality to your home. Our handmade creations serve as a reminder that some of the best things in life are crafted with care.



## Commitment to Sustainability

A core value at Prisha Pottery is sustainability. We minimize packaging for shipping and adopt environmentally friendly practices in our production process, such as reusing clay and utilizing minimal glazes.

## Strong Online Presence

Unlike many local artisans who operate at a smaller scale, Prisha Pottery focuses on expanding our online presence. We ship our handmade ceramics, making them accessible to a wider audience while ensuring the personal touch remains intact.

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Comprehensive outline of project documentation

## ■ Abstract

A concise summary of the entire document that outlines the purpose, methodology, and findings of the project.

## ■ Acknowledgments

A section dedicated to expressing gratitude towards individuals and organizations that contributed to the project's success.

## ■ Introductions

An introduction that sets the stage for the project, covering background information and the context of the study.

## ■ Executive Summary

A brief overview of the project, highlighting key points, objectives, and strategic importance.

## ■ Project Overview

Detailed information about the project's scope, objectives, and overall goals.

## ■ Technology Overview

An exploration of the technologies utilized in the project, including tools, platforms, and methodologies.

## ■ Project Management

Insights into the management strategies employed during the project, including planning and execution.

## ■ Project Scheduling

A detailed timeline of project milestones, tasks, and deadlines that outline the project's progress.

## ■ System Analysis and Requirement

Analysis of the system requirements necessary for project implementation, including stakeholder needs.

## ■ System Design

An overview of the system architecture and design processes that facilitate project execution.

## ■ Data Dictionary

A comprehensive listing of data elements, their definitions, and relationships within the system.

## ■ Implementation and Testing

Details on the implementation phase of the project, including testing strategies and outcomes.

## ■ Screenshot

Visual documentation of the project, showcasing key functionalities and interfaces.

# **Development of an online site for ceramic lovers**

Creating a dedicated online platform aimed at attracting enthusiasts of homemade ceramic pieces, enabling them to explore and purchase unique items.

# Executive Summary

## Prisha Pottery Overview

### Quality Homemade Ceramic Pieces

Prisha Pottery specializes in creating high-quality, homemade ceramic pieces that cater to various budgets. The product line includes an array of items such as mugs, vases, tableware, pots for plants, and berry bowls, all designed to enhance your living space.

### Emphasis on Handmade Quality

Each piece crafted by Prisha Pottery is imbued with a sense of joy and individuality, aiming to bring a smile to users each time they interact with the product. This uniqueness contributes to a more personalized home environment.

### Diverse Target Audience

Prisha Pottery aims to reach a broad demographic, appealing to anyone who appreciates the charm of handmade items. The focus is particularly on individuals who value local craftsmanship and sustainable living.

### Support for Local Living

By targeting consumers who enjoy supporting local artisans, Prisha Pottery positions itself as a brand that not only meets aesthetic desires but also aligns with customers' values regarding community support and sustainability.

### Aesthetic Appeal of Earthy Tones

The pottery line is characterized by its earthy tones and clean designs, catering to those who appreciate simplicity and elegance in their home decor. This style resonates well with customers seeking a tranquil and natural ambiance.

### Competitive Pricing Strategy

While handmade ceramics often come with a higher price tag due to the craftsmanship involved, Prisha Pottery strives to offer competitive pricing. This approach makes quality handmade items accessible to a wider audience.

# Project Overview

Explore the artistry of Prisha Pottery, designed and developed by Disha Jasani.

# Operating System

The foundation of the technology stack is based on Windows 10 and Windows 11. These operating systems provide a robust environment for both development and deployment of software applications.

# Project Management Overview

## Understanding the Framework and Scope in Project Management

### Project Planning Objectives

The objective of project planning is to provide a SMART framework. This framework ensures that project goals are specific, measurable, action-driven, realistic, and time-bound, allowing for effective tracking and management of project progress.

#### Action-driven

Action-driven objectives focus on actionable tasks that can be executed to achieve project goals. This approach emphasizes taking concrete steps toward completion.

### Defining Software Scope

The first activity in project planning involves determining the software scope. This includes assessing functions and performance during system engineering to establish a clear and unambiguous project scope.

#### Specific

Specific objectives clearly define what needs to be achieved, minimizing ambiguity. This clarity helps in directing efforts towards precise goals.

#### Realistic

Realistic objectives take into account the resources, skills, and constraints available. This ensures that project goals are achievable and grounded in reality.

#### Key Components of Software Scope

Software scope encompasses the data and control to be processed, functional requirements, performance criteria, constraints, interfaces, and reliability expectations.

#### Measurable

Measurable objectives allow for tracking progress against defined criteria. This ensures that stakeholders can assess project advancements accurately over time.

#### Time-bound

Time-bound objectives establish deadlines for tasks and milestones. This fosters a sense of urgency and keeps the project on track, ensuring timely completion.

#### Clarity in Scope Statement

Functions described in the scope statement need to be clear and understandable to both management and technical teams. This ensures that all stakeholders have a unified understanding of project expectations.

# Project Scheduling

Understanding the Techniques and Importance of Effective Scheduling

## Basic Principle of Project Management

Project management is the structured process of developing a proposed project within a rigorous framework, ensuring that all aspects of the project are effectively organized.

## Task Identification

Identifying all necessary tasks is the first step in scheduling. This involves a thorough analysis of the project requirements to ensure that no critical activities are overlooked.

## Regular Plan Control

As the project progresses, it is vital to control and monitor the plan to ensure it remains aligned with the project's goals and to make necessary adjustments when needed.

## Importance of Scheduling

Project scheduling is crucial as it involves planning the activities necessary for the project's success. It ensures that tasks are executed in a logical order and within the established time frame.

## Estimating Task Duration

Once tasks are identified, estimating how long each will take is essential for developing a realistic schedule. This involves using past data and expert judgment to predict timeframes.

## Ensuring Effective Planning

Effective project planning is crucial for delivering systems within budget, on time, and to the required standards. It serves as a roadmap for project success.

## Steps in Project Scheduling

Effective scheduling involves several key steps: identifying tasks, estimating their duration, allocating required resources, and setting a timeline for task execution.

## Resource Allocation

Allocating resources primarily involves assigning personnel to tasks based on their skills and availability, ensuring that the right people are working on the right tasks.

## Proper Scheduling Requirements

Proper scheduling requires careful allocation of effort and timing to each task, clear indication of interdependencies, and appropriate resource allocation to maximize efficiency.

# System Analysis and Requirements

Understanding the essential aspects of system development

## • Feasibility Study

The feasibility study assesses the viability of the project. It indicates that the estimated time duration for completion is approximately 5 months, which is manageable within the constraints set by both the organization and the university.

## • Functional Requirements

The functional requirements outline what the system should achieve. In this context, it is specified that any web user can access and utilize the website effectively.

## • Hardware Requirements

The system's hardware requirements include a Pentium or AMD processor or a higher version. A minimum of 256 MB RAM is necessary, alongside essential peripherals such as a color monitor with a resolution of 1024 x 768, a keyboard, and a mouse.

## • Software Requirements

The software configuration includes an operating system of either Windows 10 or Windows 11. The development environment will utilize UI design technologies such as HTML, CSS, JavaScript, and Bootstrap, with MySQL as the database and Visual Studio Code as the text editor.

## • Features of the New System

The new system will incorporate various features aimed at enhancing user experience, including tips for visitors, an online comment system, a mailing system, social network connectivity, optimized search functionality for blogs, and a commitment to effective service delivery in minimal time.

# System Design Diagrams

Understanding the Various Diagrams Used in System Design



## Data Flow Diagram

A Data Flow Diagram (DFD) is a visual representation of how data moves through a system. It illustrates the flow of information, shows where data enters and exits the system, highlights transformations that data undergoes, and indicates storage locations. DFDs are crucial for understanding system requirements and ensuring effective communication among stakeholders.

## Flow Chart

Flow charts are graphical representations of processes that depict the sequence of steps involved in completing a task or function. They use standardized symbols to illustrate decisions, actions, and workflows, making it easy to understand complex processes at a glance.

## E-R Diagram

Entity-Relationship (E-R) Diagrams are used to model the data relationships within a system. They represent entities, attributes, and the relationships between them visually. E-R Diagrams are essential in database design and help clarify how data interacts within the system.

## Class Diagram

Class Diagrams are a type of static structure diagram that show the classes of a system and their relationships. They are fundamental in object-oriented design, providing insights into the system's architecture and how different objects interact.

## Use Case Diagram

Use Case Diagrams capture the functional requirements of a system by illustrating the interactions between users (actors) and the system itself. They define the system's functional scope and serve as a starting point for detailing system requirements.

# Data Dictionary

Detailed overview of database tables including fields, data types, and descriptions for better understanding.

Table Name	Sr.no	Field/Attribute Name	Data Type	Description
Customer Table	1	Client_Id	Int	Auto generated
Customer Table	2	Client_name	varchar	Name of client
Customer Table	3	Password	varchar	Login Password for client
Customer Table	4	Contact_no	Int	Mobile no or Phone no
Customer Table	5	Email_id	Varchar	Any email id
Address Table	1	Address_id	Varchar	Address ID which is unique
Address Table	2	Address	Varchar	Address of the customer

# Implementation and Testing

## Essential Steps for Effective Website Deployment and Quality Assurance

### Implementation Planning

The implementation planning phase is crucial as it outlines the framework for the system's deployment. This plan ensures that multiple Registered Users and Visitors can effectively utilize the platform. A uniform GUI design is prioritized to enhance user experience, coupled with comprehensive internet support to facilitate accessibility across various devices.

### Website Inspection

Website inspection involves a thorough analysis of the website's representations, including requirements documents, design diagrams, and source code. This inspection is an ongoing process that can be applied at all stages of development, ensuring that every aspect aligns with the initial vision and functional requirements.

### Test Plan Development

A robust test plan is essential to document the strategies that will verify and ensure the product meets its design specifications. This plan outlines various testing levels and techniques necessary for comprehensive evaluation, confirming that the website performs well across different operating systems and web browsers.

### Cross-Browser Testing

The website undergoes rigorous testing across various platforms, including Windows Vista, Windows 10, Windows 11, and Linux. It is essential to test the website in multiple web browsers such as Google Chrome, Firefox, Internet Explorer, and Opera to ensure compatibility and a consistent user experience.

# Screenshots of E-commerce Store Pages

## Exploring the Essential Pages of an Online Shopping Experience

### ■ Home Page

The Home Page serves as the initial point of interaction for users, showcasing featured products, promotions, and a user-friendly navigation bar to guide visitors through the site.

### ■ Shop Page

The Shop Page allows users to browse through a wide selection of products. It includes filters and sorting options to enhance the shopping experience, making it easy for customers to find what they are looking for.

### ■ Cart Page

The Cart Page provides a summary of selected items before proceeding to checkout. It allows users to adjust quantities, remove items, and view the total cost, ensuring a smooth purchasing process.

### ■ About Page

The About Page shares the story behind the e-commerce store, including its mission, values, and team. This builds trust and connection with customers by providing insight into the brand.

### ■ Checkout Page

The Checkout Page is crucial for finalizing purchases. It offers various payment options and ensures a secure transaction process, enhancing customer confidence in the purchase.

### ■ Contact Page

The Contact Page provides customers with various ways to reach out for support or inquiries, including email, phone, and social media links, ensuring effective communication.

### ■ Account Page

The Account Page allows users to manage their profiles, view order history, and update personal information. This enhances user engagement and loyalty by providing a tailored experience.

### ■ Single Product Page

The Single Product Page offers detailed information about individual products, including descriptions, images, and customer reviews. This helps customers make informed purchasing decisions.

### ■ Best E-commerce Store

This collection of pages represents a best-practice approach to e-commerce design, ensuring a comprehensive and engaging shopping experience for users.