

***A Mini Project Synopsis on***

**Aloha Homes**

**S.E. - I.T. Engineering**

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**UNIVERSITY OF MUMBAI**

**Academic year: 2022-23**

## CERTIFICATE

This to certify that the Mini Project report on **Aloha Homes** has been submitted by Akshata Nalavade (21104003), Manjiri Gole (21104006) and Shweta Bhutada (21104007) who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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Principal

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- 1.
- 2.

Place: A.P. Shah Institute of Technology, Thane

Date:

## **ACKNOWLEDGEMENT**

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# Chapter 1

## Introduction

Aloha Homes is an online marketplace for artists who make home décor related crafts and to support and help them sell their products on our platform. Problems faced by handicrafts sellers include having a hard time finding the right buyers who give them proper accreditation on their crafts. Sometimes they may lack in skills like marketing strategies, distribution and organization management and also managing finances. They are not credited in a proper way, if they sell them to retailers or wholesalers. During Corona a lot of these small business shut down Aloha homes is a way for them to restart their craft.

Instead of the cheap or low-quality mass-market products pedaled by other online retail giants, Aloha Homes focuses on unique handcrafted items.

Aloha Homes is not just about commerce; It's about communication and exchange. Aloha Homes main motto is “We Connect, You Collect”. The site allows like-minded people to meet, exchange experiences, and motivate and inspire each other. This is one benefit no other online marketplace has yet been able to offer artists and art lovers.

Building your own website can give your brand a significant boost. With a website builder, you have the freedom to shape your business the way you see fit without the restrictions. You get to own your identity and also have a custom domain name.

Unlike the limits of using paid ads on Aloha Homes, you can market your handmade product listings to customers across social media and other platforms in different ways.

You simply get to open your business to new markets and sell unlimited products to a more diverse audience.

### **1.1. Purpose:**

1. To help artists and students who find it difficult to make their livelihood, although having exceptional talents.
2. To help in commercialization of the less known products and to boost the economy of the country by promoting local artists and let people know more about Indian Handicrafts.

### **1.2 Objectives:**

The main objectives of this platform are:

1. To build a marketplace for unique and creative goods.
2. To give customers a chance to support small artist and their business.
3. To increase innovation and introduce a healthy competition within the artists and to help them know the current trends within other artists.
4. To educate the customers about the craft they are buying.

### **1.3 Scope:**

The scopes of this project include:

1. Economic growth: This website is specially designed to promote small businesses and local business around the area helping Indian artists grow economically.
2. Easy accessibility and managing: Easy access to everyone and entrepreneurs who want to set up their business at any time.
3. Analyzing and optimizing your shop.

## **Chapter 2**

### **Problem Definition**

We selected this problem statement as this was a recently surfaced problem. In the last two to three years due to covid and corona virus many of the small businesses shut down as they were not able to sell their products. This especially affected artists from rural area where there was less awareness. As people were staying in their homes many people would now have time to redecorate their houses but they were not able to as a lot of businesses had shut down but we have provided a way for them to easily browse and buy products while staying at home and with good quality. As for the artists and entrepreneurs they can still create and sell their products.

## **Chapter 3**

### **Proposed System**

The solution for this problem statement can be by creating an online marketplace and promoting the website so that it can create awareness and people know about this website and that they can browse on these websites also.

#### **3.1 Features and Functionality**

The features of this project include:

1. A quick login and registration page available for both users' buyers and sellers.
2. A simplified category feature: With this feature customer can easily browse for something they want without having to look at all products it helps them save time.
3. Give feedbacks/ reviews for the product purchased: With the help of feedbacks new customers can know about quality of products.
4. Including a description and good quality images of the product: By including a product description we can educate the customers and by providing good quality images customers know what they are buying and how their products look like in different lightings and background.
5. Range of small business database to browse from: By collecting a database of small businesses we can promote and boost the economy of our country.
6. A database of handmade goods.



## **Chapter 4**

### **Project Outcomes**

With the help of this project, we were able to

1. Learn how to create a website and what technologies are used in the making of a website.
2. We were able to create a GUI using java.
3. We are now able to create the front end of a website using HTML and CSS helping us to learn about HTML and CSS and how it is applied in websites.
4. We are now able to create a Database for a working and we can connect the database to the website using JDBC.
5. We are now able to connect different database to java.

In this website the project outcomes are:

1. User can log in and set up their shop.
2. User can search products to buy.
3. User will be able to sell their products.
4. User will be able to learn about products.

## **Chapter 5**

### **Software Requirements**

For this project we used different soft wares and technologies.

The main software's used were:

1. JAVA ECLIPSE IDE
2. FIGMA
3. VSCODE
4. MYSQL

JAVA ECLIPSE IDE was used to create the GUI and connecting the front end and the backend of the website.

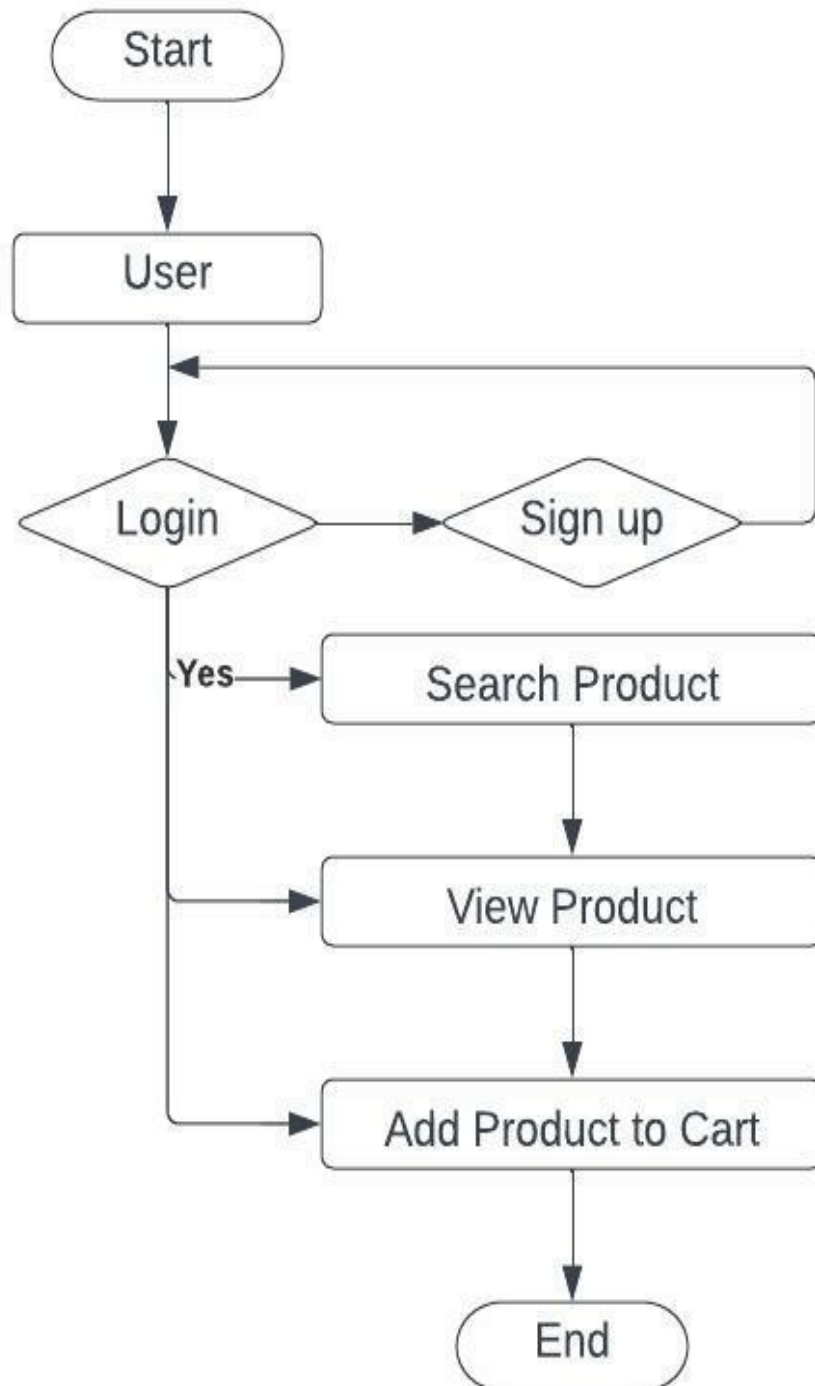
FIGMA was used to create static images of how we want our website to look like and to get an idea of how we are going to perform the HTML and the CSS of the website.

VSCODE was used to create the front end of the website.

MYSQL was used to create the database for the website.

## Chapter 6

### Project Design



# ALOHA HOMES

We Connect And You Collect

First Name

Last Name

Email

Username

Password

Confirm Password

**SIGN UP**

Already Have An Account? [Login](#)

Login Page

HOME

CATALOG

SHOPS

ALOHA HOMES


ABOUT US

CART

LOG IN

Q


Search by products



Light Up Your Indoors & Find Things You Love With Our Best Deals & Prices.


We Connect And You Collect

VIEW ALL




CATALOG

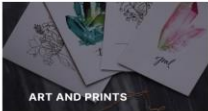
We Specialize In




HOME DECORATIVES




TEXTILES AND RUGS



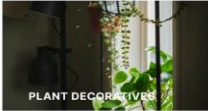
ART AND PRINTS



ORGANIZERS




CURTAINS AND BLINDS




PLANT DECORATIVES

BESTSELLERS


Don't Miss Out On These Products



Lorem ipsum dolor sit  
1234



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SHOP NOW

ABOUT US

Aloha Homes is an online platform for artists who make home decor related crafts. We aim to help and support small business and educate customers about the craft they are buying. We hope to improve economic growth and help as many artists as possible.

LEARN MORE



REVIEWS

What Customers Say About Us!

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~ Victor Hop



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~ Maxine



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~ Steve Johnson



CATALOG > HOME DECORATIVES

Q

Search by products

## HOME DECORATIVES

Vases   Clocks   Wall Decor   Mirrors   Centerpieces   Candle Holders



CRACKLE CERAMIC VASES  
CeramicVilla

Rs 999/-



BRASS CURVED VASES  
CurateBrass

Rs 1000/-



CONCRETE VASES SET  
PotteryStore

Rs 1200/-



MODERN STONEWARE VASES  
CreateMinimal

Rs 999/-



FINE ART VASE  
VintageTreasure

Rs 1000/-



BULGED GLASS VASES  
BigArtGlass

Rs 999/-



MODERN STONEWARE VASE  
CreateMinimal

Rs 800/-



GLASS BOTTLE VASES  
GlassJarArt

Rs 1200/-

HOME DECORATIVES &gt; VASES &gt; CRACKLE CERAMIC VASES



## Crackle Ceramic Vases



CeramicVilla

**Rs 999/-**

ADD TO CART

VIEW SHOP



### MEET YOUR SELLER

**Steve Mathews**  
CeramicVilla

MESSAGE

### FEATURES

Material Used:

Width:

Height:

Depth:

### DELIVERY POLICIES

Delivery in

**1 - 3 Business Days**[Know More](#)

### DESCRIPTION

[Know More](#)

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### REVIEWS

**Allison M**

20 Sept 2022

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**Jake S**

20 Sept 2022

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## Product Page

## Order Summary

You have added these items to your cart



Crackle Ceramic Vase  
Rs.900/-

[Remove](#)

Proceed to Payment

Cancel Order

**Order Summary Page**



# Chapter 7

## Project Scheduling

### Project Scheduling

WBS NUMB	TASK TITLE	START DATE	DUE DATE	DURATION (Weeks)	PERCENTAGE OF TASK
1	Project Conception and Initiation				
1.1	Group formation and Topic finalization. Identifying the scope and objectives of the Mini Project	7-28-22	8-4-22	1	100%
1.2	Identifying the functionalities of the Mini Project	8-4-22	8-11-22	1	100%
1.3	Discussing the project topic with the help of paper prototype.	8-11-22	8-18-22	1	100%
1.4	Designing the Graphical User Interface(GUI)	8-18-22	8-25-22	1	100%
1.5	Presentation I	8-25-22	9-8-22	1	100%
2	Project Design and Implementation				
2.1	Database Creation	9-8-22	9-22-22	2	100%
2.2	Connectivity	9-22-22	9-29-22	1	100%
2.3	Report Writing	9-29-22	10-6-22	1	100%
2.4	Presentation II	10-6-22	10-20-22	2	100%

## **Chapter 8**

### **Conclusion**

Aloha Homes main objective was to give artists and creatives everywhere a platform to share their best work and to give them a voice. Thus, we have created a web application with the help of technologies like JAVA, MYSQL, HTML/CSS. This website helps users get access to a server that is connected to an extensive database of creative goods. Users get an access that can link them to entrepreneurs who want to set up their business at any time. Setting up shop is made easier via our simple user interface. We help giving opportunities to artists everywhere and create a healthy marketplace that breeds creativity.

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