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DBMS MINI PROJECT REPORT
ON
“Handmade Product Management System”

Submitted by

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

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CERTIFICATE

*This is to certify that the Mini project entitled “**Handmade Product Management System**”
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ABSTRACT

India is a country in which millions of people possess traditional skills and knowledge of producing handicrafts goods. Indian Handicrafts industry is highly labour intensive & decentralized. It provides maximum employment opportunities after the agriculture sector. Despite being a major contributor towards the country's economy the industry has not achieved as much recognition as it deserves. Artisans are solely dependent on middle-man for the selling of their products. This creates a one-dimensional approach which minimises the profit and fails to display the skills of proud artisans. Internet marketing can help solve the problem of artisans in an efficient manner. Online Handicrafts Store is an e-commerce portal for artisans and individual handicrafts makers to retail their products online. Artisans would benefit by maximizing their profit as this eliminates the need for a middle-man and they will also avail the benefits of a wider target audience. With the right approach, skilled products of individual artisans will be readily made available to people in need of it. Going through various existing platforms there was a common theme of capitalism i.e. scope for minimal profits. Sellers can register on the website and provide details of their various products. After confirmation of authenticity their products will be readily available on the portal. The portal can be divided into two parts i.e. the front end which will be available to the user & the backend where data will be processed and maintained. The robust portal will provide convenience of ordering skilled handicraft products at the convenience of a computer system connected to the internet. Artisans can register as sellers and fill out a form pertaining to relevant details. The data will be entered into the databases and will be visible on the portal. Artisans will be kept in loop so as to maintain the availability of products and reduce the problems of online shopping.

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CHAPTER 1

INTRODUCTION

Online Handicrafts Store is a web-based portal designed keeping in mind the dedication and hardwork of individual artisans and craftsmen. Aim is to incorporate modern technology to provide artisans with a platform to showcase their skills of crafts and cater to a wider range of audience. This approach reduces the cost of acquiring a middle-man and also provides an opportunity for a greater profit margin for the sellers. Sellers can directly register on the portal and showcase their skills to the world. The portal is a digital store where users can buy various products handcrafted by skilled artisans and individual manufacturers in accordance to their needs. The website is trendy and highly functional in accordance with the needs of a modern consumer. The administrator owns the right over the data displayed on the portal. Artisans register as sellers and send their products info to the administrator who manages the data at the backend.

1.1 Problem Definition

Most skilled craftsmen lack a platform to sell their products and showcase their skill. In order to make their product available to a larger audience, local artisans rely on a middleman which further reduces their margin of profit. Further problems include the authenticity of a design or a product since it is not being registered. Lack of publicity automatically yields low demand. Low quality makers are trumping skilled craftsmen due their vastly superior presence in the market. An online web application for selling handicrafts online can be used to tackle these problems.

1.2 Objectives & Scope of Project

Scope of this project directly revolves around welfare of individual artisans.

Few of them are :-

- This can be used by and for various individual artisans throughout the country.
- Can be used anywhere any time as it is a web based application (user Location doesn't matter).

CHAPTER 2

SOFTWARE REQUIREMENT SPECIFICATION

Software requirement specification specifies the requirements required to run the given web application.

The detailed explanation is given below.

2.1 Functional Requirement

The functional requirements are those requirements which are necessary to the eye of the user and the client. Here we try to make the module possible to accomplish the need of the desired function.

2.2 Hardware Requirement Specification

- PROCESSOR: intel® Core™ i3-7100U
- SPEED: 2.10 GB
- RAM: 2.0 GB minimum
- SPACE ON DISK: 15 GB minimum

2.3 Software Requirement Specification

- XAMPP
- VS code editor
- SUBLIME
- Programming Languages: PHP, SQL, CSS, JS.

2.3.1 XAMPP

XAMPP is a free and open source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, Maria DB database, and interpreters for scripts written in the PHP and Perl programming languages. XAMPP stands for Cross-Platform (X), Apache (A), Maria DB (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers

to create a local web server for testing and deployment purposes. Everything needed to set up a web server – server application (Apache), database (Maria DB), and scripting language (PHP) - is included in an extractable file. XAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows. Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server extremely easy as well.

2.3.2 VISUAL STUDIO CODE

Visual Studio Code is a source-code editor made by Microsoft for Windows, Linux and mac OS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcuts, preferences, and install extensions that add additional functionality. Visual Studio Code includes multiple extensions for FTP, allowing the software to be used as a free alternative for web development. Code can be synced between the editor and the server, without downloading any extra software.

2.3.3 SUBLIME

Sublime Text editor is used as an Integrated Development Editor (IDE) like Visual Studio code and NetBeans. The current version of Sublime Text editor is 3.0 and is compatible with various operating systems like Windows, Linux and MacOS. Users can customize it with themes and expand its functionality with plugins, typically community-built and maintained under free-software licenses. To facilitate plugins, Sublime Text features a web development. The editor utilizes minimal interface and contains features for programmers including configurable syntax highlighting, code folding, search-and- replace supporting regular-expressions, terminal output window, and more. It is proprietary software, but a free evaluation version is available.

2.3.4 PHP

PHP is an acronym for "PHP: Hypertext Preprocessor". It is a widely-used, open source scripting language. PHP scripts are executed on the server and is free to download and use. It is powerful enough to be at the core of the biggest blogging system on the web (WordPress)!. It is deep enough to run large social networks! And is also easy enough to be a beginner's first server side language PHP performssystem functions, i.e. from files on a system it can create, open, read, write, and close them. PHP can handle forms, i.e. gather data from files, save data to a file, through email you can send data, return data to the user. You add, delete, modify elements within your database through PHP. Access cookies variables and set cookies.

Using PHP, you can restrict users to access some pages of your website and it can encrypt data.

2.3.5 SQL

SQL (Structured Query Language) is a standardized programming language that's used to manage relational databases and perform various operations on the data in them. SQL offers two main advantages over older read-write APIs such as ISAM or VSAM. Firstly, it introduced the concept of accessing many records with one single command. Secondly, it eliminates the need to specify how to reach a record, e.g. with or without an index. Originally based upon relational algebra and tuple relational calculus, SQL consists of many types of statements, which may be informally classed as sublanguages, commonly: a data query language (DQL), a data definition language (DDL), a data control language (DCL), and a data manipulation language (DML). The scope of SQL includes data query, data manipulation (insert, update, and delete), data definition (schema creation and modification), and data access control. Although SQL is essentially a declarative language (4GL), it also includes procedural elements. SQL implementations are incompatible between vendors and do not necessarily completely follow standards. In particular, date and time syntax, string concatenation and comparison case sensitivity vary from vendor to vendor. PostgreSQL and Mimer SQL strive for standards compliance, though PostgreSQL does not adhere to the standard in all cases. For example, the folding of unquoted names to lower case in PostgreSQL is incompatible with the SQL standard, which says that unquoted names should be folded to upper case.

CHAPTER 3

SYSTEM DESIGN

Software design is the process by which an agent creates specification of software artifact, intended to accomplish goals, using the set of primitive components and subject to constraints.

3.1 ER Model

An entity set is a group of similar entities and these entities can have attributes. An entity is a table or attribute of a table in database, so by showing relationship among tables and their attributes, ER diagram shows the complete logical structure of a database.

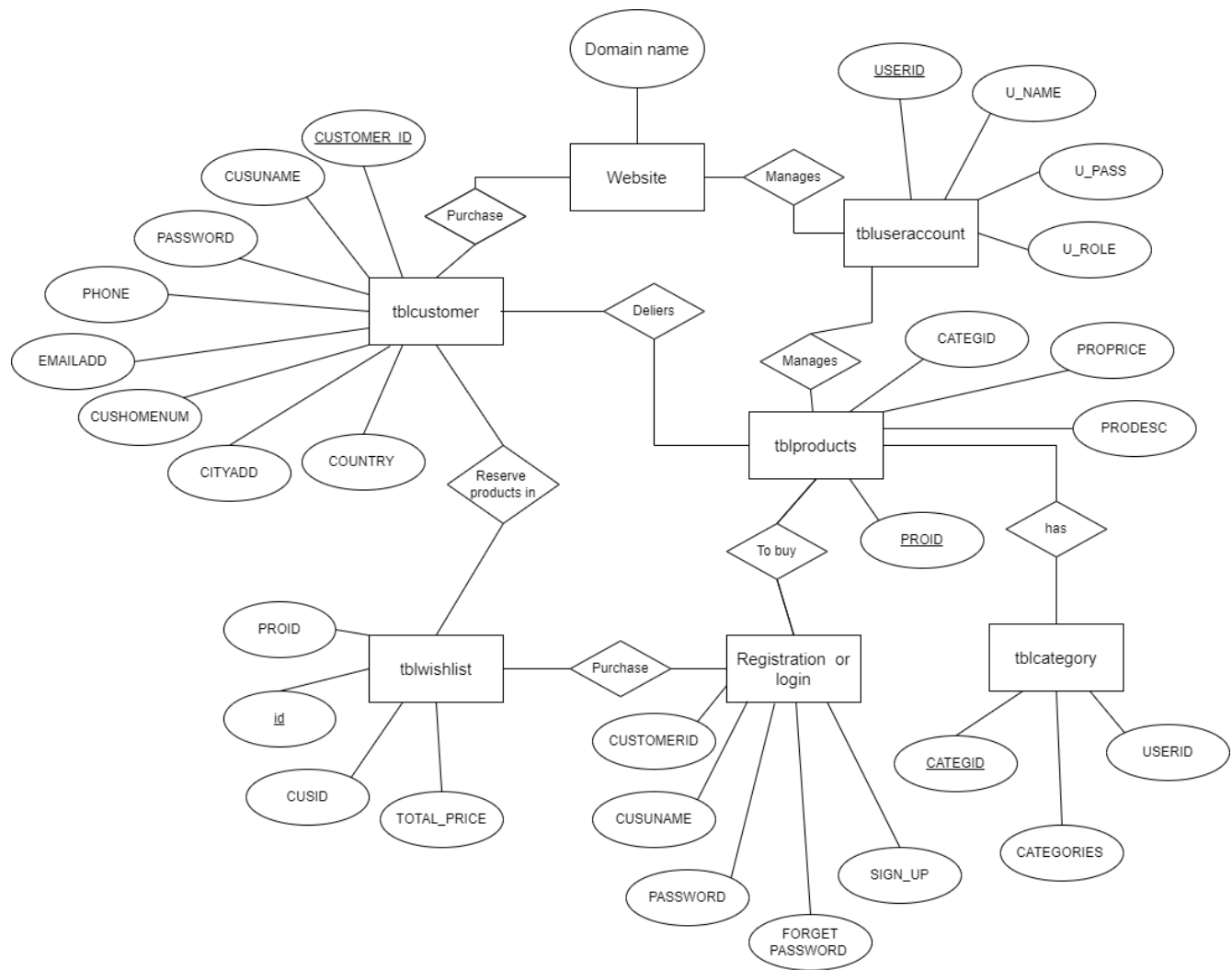


Figure 3.1: ER Diagram for Handmade Product Management System

3.2 Schema Diagram

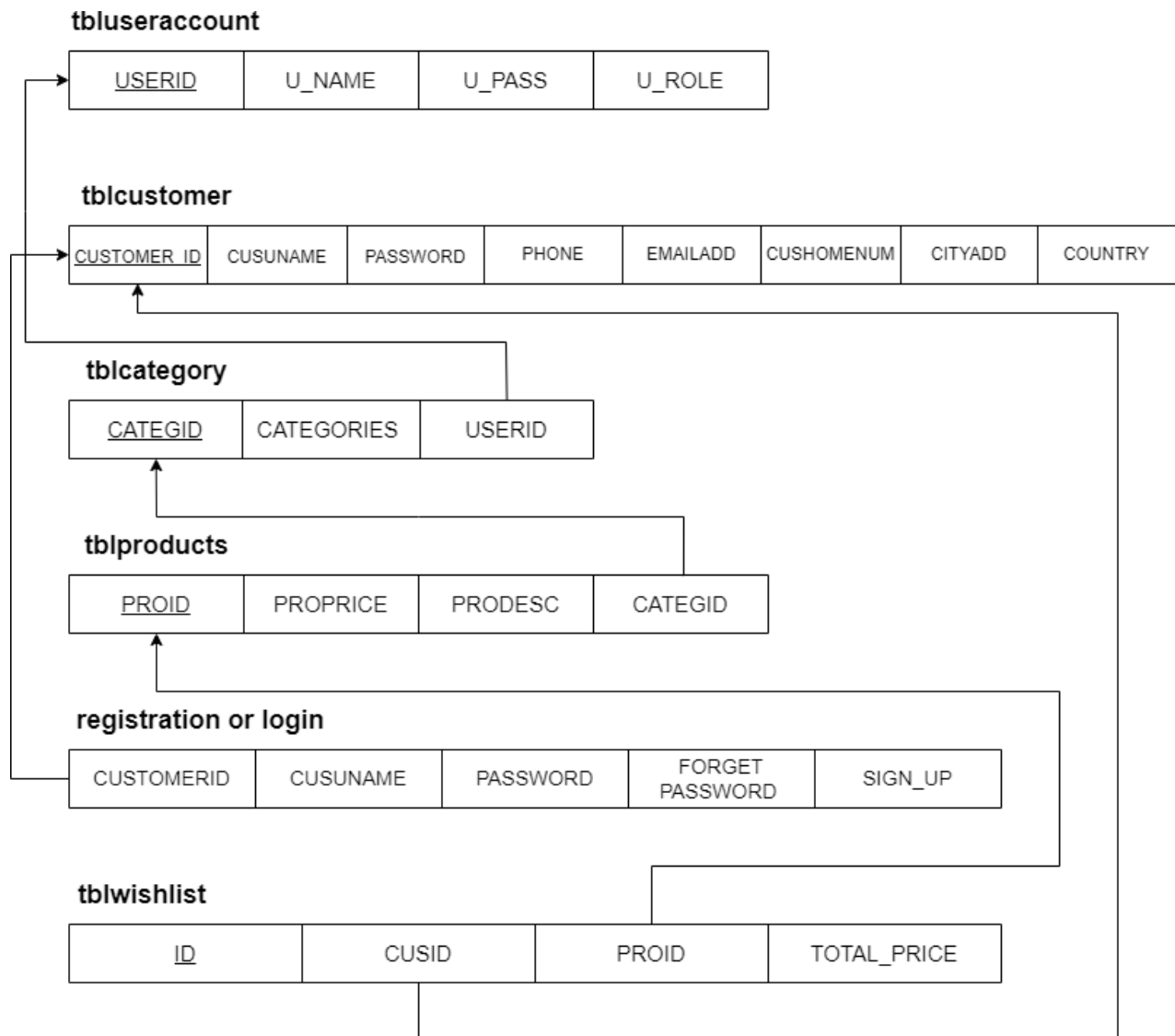


Figure 3.2: Schema Diagram for Handmade Product Management System

3.3 TABLE DESCRIPTION

A table is a named original data base data set that is organized by rows and columns. The relational table is a fundamental relational data base concept because tables are the primary form of a data storage. Columns form the table's structure and rows form the content.

In table 3.3.1: CUSTOMERID, FNAME, LNAME, MNAME, CUSHOMENUM, STREETADD, BRGYADD, CITYADD, PROVINCE, COUNTRY, DBIRTH, GENDER, PHONE, EMAILADD, ZIPCODE, CUSUNAME, CUSPASS, CUSPHOTO, TERMS, DATEJOIN are the attributes and CUSTOMERID is the primary key.

Table 3.3.1: Customer

ATTRIBUTE	DATA TYPE	CONSTRAINTS	DESCRIPTION
CUSTOMERID	int	Primary key	Id given for Customer
FNAME	varchar		First Name
LNAME	varchar		Last Name
MNAME	varchar		Middle Name
CUSHOMENUM	varchar		Home Number
STREETADD	text		Street Address
BRGYADD	text		BRGY Address
CITYADD	text		City Address
PROVINCE	varchar		Province
COUNTRY	varchar		Country
DBIRTH	date		Date of Birth
GENDER	varchar		Gender
PHONE	varchar		Phone Number
EMAILADD	varchar		Email Address
ZIPCODE	int		Zip code
CUSUNAME	varchar		Customer User Name
CUSPASS	varchar		Customer Password
CUSPHOTO	int		Customer Photo
TERMS	varchar		Terms
DATEJOIN	varchar		Date of Join

In table 3.3.2: ORDERID, PROID, ORDEREDQTY, ORDEREDPRICE, ORDEREDNUM, UDERID are the attributes, ORDERID is the primary key and PROID, ORDEREDNUM UDERID are the foreign key.

Table 3.3.2: Order

ATTRIBUTE	DATA TYPE	CONSTRAINTS	DESCRIPTION
ORDERID	int	Primary key	Order Id
PROID	int	Foreign key	Product Id
ORDEREDQTY	int		Ordered Quantity
ORDEREDPRICE	double		Ordered Price
ORDEREDNUM	int	Foreign key	Ordered Number
USERID	int	Foreign key	User Id

In table 3.3.3: PROID, PRODESC, INGREDIENTS, PROQTY, ORIGINALPRICE, PROPRICE, CATEGID, IMAGES, PROSTATS, OWNERNAME, OWNERPHONE are the attributes, PROID is the primary key and CATEGID is the foreign key.

Table 3.3.3: Product

ATTRIBUTE	DATA TYPE	CONSTRAINTS	DESCRIPTION
PROID	int	Primary key	Product Id
PRODESC	varchar		Product Description
INGREDIENTS	varchar		Ingredients
PROQTY	int		Product Quantity
ORIGINALPRICE	double		Original Price
PROPRICE	double		Product Price
CATEGID	int	Foreign key	Category Id
IMAGES	Varchar		Images
PROSTATS	Varchar		Product Status
OWNERNAME	Varchar		Owner Name
OWNERPHONE	varchar		Owner Phone Number

In table 3.3.4: SUMMARYID, ORDEREDDATE, CUSTOMERID, ORDEREDNUM, DELFEE, PAYMENT, PAYMENTMETHOD, ORDEREDSTATS, ORDEREDMARKS, CLAIMEDDATE, HVIEW, USERIS are the attributes, SUMMARYID is the primary key and CUSTOMERID, ORDEREDNUM are the foreign key.

Table 3.3.4: Summary

ATTRIBUTE	DATA TYPE	CONSTRAINTS	DESCRIPTION
SUMMARYID	int	Primary key	Summary Id
ORDEREDDATE	datetime		Ordered Date
CUSTOMERID	int	Foreign key	Customer Id
ORDEREDNUM	int	Foreign key	Ordered Number
DELFEE	double		Delivery Fees
PAYMENT	double		Payment
PAYMENTMETHOD	varchar		Payment Method
ORDEREDSTATS	varchar		Ordered Status
ORDEREDMARKS	varchar		Ordered Marks
CLAIMEDDATE	datetime		Claimed Date
HVIEW	tinyint		View
USERID	int		User Id

In table 3.3.5: id, CUSID, PROID, WISHDATE, WISHSTATS are the attributes and id are the primary key.

Table 3.3.5: Wishlist

ATTRIBUTE	DATA TYPE	CONSTRAINTS	DESCRIPTION
id	int	Primary key	Id
CUSID	int		Customer Id
PROID	int		Product Id
WISHDATE	date		Wishlist Date
WISHSTATS	text		Wishlist Status

In table 3.3.6: SETTINGID, PLACE, BRGY, DELPRICE are the attributes and SETTINGID is the primary key.

Table 3.3.6: Setting

ATTRIBUTE	DATA TYPE	CONSTRAINTS	DESCRIPTION
SETTINGID	int	Primary key	Setting Id
PLACE	text		Place
BRGY	varchar		BRGY
DELPRICE	double		Delivery Price

In table 3.3.7: PROMOID, PROID, PRODISCOUNT, PRODISPRICE, PROBANNER, PRONNEW are the attributes, PROMOID is the primary key and PROID is the foreign key.

Table 3.3.7: Promo

ATTRIBUTE	DATA TYPE	CONSTRAINTS	DESCRIPTION
PROMOID	int	Primary key	Promo Id
PROID	int	Foreign key	Product Id
PRODISCOUNT	double		Product Discount
PRODISPRICE	double		Product Discount Price
PROBANNER	tinyint		Product Banner
PRONNEW	tinyint		New Product

In table 3.3.8: CATEGID, CATEGORIES, USERID are the attributes and CATEGID is the primary key.

Table 3.3.8: Category

ATTRIBUTE	DATA TYPE	CONSTRAINTS	DESCRIPTION
CATEGID	int	Primary key	Category Id
CATEGORIES	varchar		Categories
USERID	int		User Id

In table 3.3.9: USERID, U_NAME, U_USERNAME, U_PASS, U_ROLE, USERIMAGE are the attributes and USERID is the primary key.

Table 3.3.9: User Account

ATTRIBUTE	DATA TYPE	CONSTRAINTS	DESCRIPTION
USERID	int	Primary key	User Id
U_NAME	varchar		Name of the User
U_USERNAME	varchar		Username
U_PASS	varchar		User Password
U_ROLE	varchar		User Role
USERIMAGE	varchar		User Image

CHAPTER 4

IMPLEMENTATION

Implementation is defined as specific set of activities designed to put into practice an activity or program of known dimensions. Implementation processes are purposeful and are described in sufficient details such that independent can detect the presence and strength of the specific set of activities related to implementation.

4.1 Details of the Language

Our project is implemented using MySQL, CSS, JS, PHP. The reason we chose PHP because it has many advantages such as it is opensource, platform independent, application can easily be loaded which are based on PHP and connected to database.

4.1.1 MySQL

Structured Query Language, commonly known as SQL, is a standard programming language for relational databases. Despite being older than many other types of code, it is the most widely implemented database language. Because SQL is so common, knowing it is valuable to anyone involved in computer programming or who uses databases to collect and organize information. Learn more about what SQL is and career opportunities in the field.

4.1.2 CSS

CSS was first developed in 1997, as a way for Web developers to define the look and feel of their Web pages. It was intended to allow developers to separate content from design so that HTML can perform more of the function that it was originally based on the markup of content, without worry about the design.

4.1.3 PHP

HP (recursive acronym for PHP: Hypertext Preprocessor) is a widely-used opensource general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

CHAPTER 5

SCREENSHOTS

The following screenshots includes database table structures and front-end view of a Handmade Product Management System. Database is used for Handmade Product Management System is XAMPP. The below tables used in Gym Evolution Management System database.

5.1 Screenshots of Table Created

The following database mainly contains of 9 tables as shown in the figure namely tblcategory, tblcustomer, tblorder, tblproduct, tblpromopro, tblsetting, tblsetting, tblsummary, tbluseraccount, tblwishlist. The description of each table is shown below.

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> tblcategory	★ Browse Structure Search Insert Empty Drop	8	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> tblcustomer	★ Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> tblorder	★ Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	64.0 KiB	-
<input type="checkbox"/> tblproduct	★ Browse Structure Search Insert Empty Drop	32	InnoDB	latin1_swedish_ci	32.0 KiB	-
<input type="checkbox"/> tblpromopro	★ Browse Structure Search Insert Empty Drop	32	InnoDB	latin1_swedish_ci	32.0 KiB	-
<input type="checkbox"/> tblsetting	★ Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> tblsummary	★ Browse Structure Search Insert Empty Drop	10	InnoDB	latin1_swedish_ci	64.0 KiB	-
<input type="checkbox"/> tbluseraccount	★ Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> tblwishlist	★ Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16.0 KiB	-

Figure 5.1.1: Handmade Product Management System Database Table

HANDMADE PRODUCT MANAGEMENT SYSTEM

		CATEGID	CATEGORIES	USERID
<input type="checkbox"/>	 Edit  Copy  Delete	5	SHOES	0
<input type="checkbox"/>	 Edit  Copy  Delete	11	BAGS	0
<input type="checkbox"/>	 Edit  Copy  Delete	12	CLOTHING	0
<input type="checkbox"/>	 Edit  Copy  Delete	13	JEWELLERY	0
<input type="checkbox"/>	 Edit  Copy  Delete	14	HOUSEHOLDS	0
<input type="checkbox"/>	 Edit  Copy  Delete	15	FASHION	0
<input type="checkbox"/>	 Edit  Copy  Delete	17	WOMENS	0
<input type="checkbox"/>	 Edit  Copy  Delete	18	MENS	0

Figure 5.1.2: Category Table








		CUSTOMERID	FNAME	LNAME	MNAME	CUSHOMENUM	STREETADD	BRGYADD	CITYADD	PROVINCE	COUNTRY	DBIRTH	GENDER	PHONE	EMAILADD	ZIPCODE
<input type="checkbox"/>	 Edit  Copy  Delete	12	Harsha	Raj		CUS01	Kottara		Mangalore		India	2003-03-14	Male	7353003191	harsharajb14303@gmail.com	575006
<input type="checkbox"/>	 Edit  Copy  Delete	13	Kiran	Kumar		CUS02	Jayanagar		Bangalore		India	2002-04-19	Male	9876543210	thekirankumarv@gmail.com	520088

Figure 5.1.3: Customer Table

		ORDERID	PROID	ORDEREDQTY	ORDEREDPRICE	ORDEREDNUM	USERID
<input type="checkbox"/>	 Edit  Copy  Delete	1	201737	4	476	93	0
<input type="checkbox"/>	 Edit  Copy  Delete	2	201740	3	447	93	0
<input type="checkbox"/>	 Edit  Copy  Delete	3	201738	1	199	94	0
<input type="checkbox"/>	 Edit  Copy  Delete	4	201749	1	2999	95	0
<input type="checkbox"/>	 Edit  Copy  Delete	5	201738	1	299	96	0

Figure 5.1.4: Order Table

HANDMADE PRODUCT MANAGEMENT SYSTEM

←T→	PROID	PRODESC	INGREDIENTS	PROQTY	ORIGINALPRICE	PROPRICE	CATEGID	IMAGES	PROSTATS	OWNERNAME	OWNERPHONE
<input type="checkbox"/> Edit Copy Delete	201747	Saundarya Kinnauri Stole		4	1999	1299	12	uploaded_photos/dsc02132.jpg	Available	kiran	1234567890
<input type="checkbox"/> Edit Copy Delete	201749	Wool mouthboots women shoes		8	3499	2999	5	uploaded_photos/bda6c21c7a0064e19f884ec2df6cf537.j...	Available	Harsharaj	7353003193
<input type="checkbox"/> Edit Copy Delete	201750	Men's High quality handmade shoes, Three pair in d...		9	10000	7999	5	uploaded_photos/688c929def36c8e3831dea9ea374682a.j...	Available	Harsharaj	7353003193
<input type="checkbox"/> Edit Copy Delete	201751	Brown Leather TREK Moccasin High Unisex - Etsy		9	8000	5999	5	uploaded_photos/52c6c4a3cdbc96c8c1e761f3e78b004d.j...	Available	Harsharaj	7353003193
<input type="checkbox"/> Edit Copy Delete	201752	Quirky Straight Collar Pineapple Shirt	...	10	599	399	18	uploaded_photos/dsc06160.jpg	Available	Harsharaj	7353003193
<input type="checkbox"/> Edit Copy Delete	201753	Crimson Wonder Mandarin Collar Shirt	...	10	299	249	18	uploaded_photos/dsc05972.jpg	Available	Harsharaj	7353003193
<input type="checkbox"/> Edit Copy Delete	201754	Straight Collar Ajrakh Print Shirt	...	10	599	499	18	uploaded_photos/dsc05596_copy_1.jpg	Available	Harsharaj	7353003193

Figure 5.1.5: Product Table

←T→	PROMOID	PROID	PRODISCOUNT	PRODISPRICE	PROBANNER	PRONNEW
<input type="checkbox"/> Edit Copy Delete	11	201747	0	1299	0	0
<input type="checkbox"/> Edit Copy Delete	13	201749	25	2249.25	1	0
<input type="checkbox"/> Edit Copy Delete	14	201750	50	3999.5	1	0
<input type="checkbox"/> Edit Copy Delete	15	201751	66	2039.66	1	0
<input type="checkbox"/> Edit Copy Delete	16	201752	0	399	0	0
<input type="checkbox"/> Edit Copy Delete	17	201753	0	249	0	0

Figure 5.1.6: Promo Table

←T→	SETTINGID	PLACE	BRGY	DELPRICE
<input type="checkbox"/> Edit Copy Delete	1	INDIA	COUNTRY	50
<input type="checkbox"/> Edit Copy Delete	2	USA	COUNTRY	70

Figure 5.1.7: Setting Table

HANDMADE PRODUCT MANAGEMENT SYSTEM

















		SUMMARYID	ORDEREDDATE	CUSTOMERID	ORDEREDNUM	DELFFEE	PAYMENT	PAYMENTMETHOD	ORDEREDSTATS	ORDEREDREMARKS
<input type="checkbox"/>	 Edit  Copy  Delete	1	2019-08-21 06:24:24	9	93	0	0	Cash on Delivery	Pending	Your order is on process.
<input type="checkbox"/>	 Edit  Copy  Delete	3	2019-08-21 06:27:09	9	94	70	269	Cash on Delivery	Confirmed	Your order has been confirmed.
<input type="checkbox"/>	 Edit  Copy  Delete	4	2023-01-25 07:59:23	14	95	0	2999	Cash on Delivery	Pending	Your order is on process.
<input type="checkbox"/>	 Edit  Copy  Delete	5	2023-01-25 08:25:42	12	96	0	299	Cash on Delivery	Pending	Your order is on process.
<input type="checkbox"/>	 Edit  Copy  Delete	6	2023-01-25 08:30:29	12	97	50	7999	Cash on Delivery	Pending	Your order is on process.

Figure 5.1.8: Summary Table








		USERID	U_NAME	U_USERNAME	U_PASS	U_ROLE	USERIMAGE
<input type="checkbox"/>	 Edit  Copy  Delete	128	harsha	harsha	d033e22ae348aeb5660fc2140aec35850c4da997	Administrator	photos/harsha.jpeg
<input type="checkbox"/>	 Edit  Copy  Delete	129	Kiran	kiran	d033e22ae348aeb5660fc2140aec35850c4da997	Administrator	

Figure 5.1.9: User Account Table








		id	CUSID	PROID	WISHDATE	WISHSTATS
<input type="checkbox"/>	 Edit  Copy  Delete	2	9	201742	2019-08-21	0
<input type="checkbox"/>	 Edit  Copy  Delete	3	12	201751	2023-01-25	0

Figure 5.1.10: Wishlist Table

5.2 Front-End Screenshots

This is the representation of how our front-end looks like when someone uses this project.

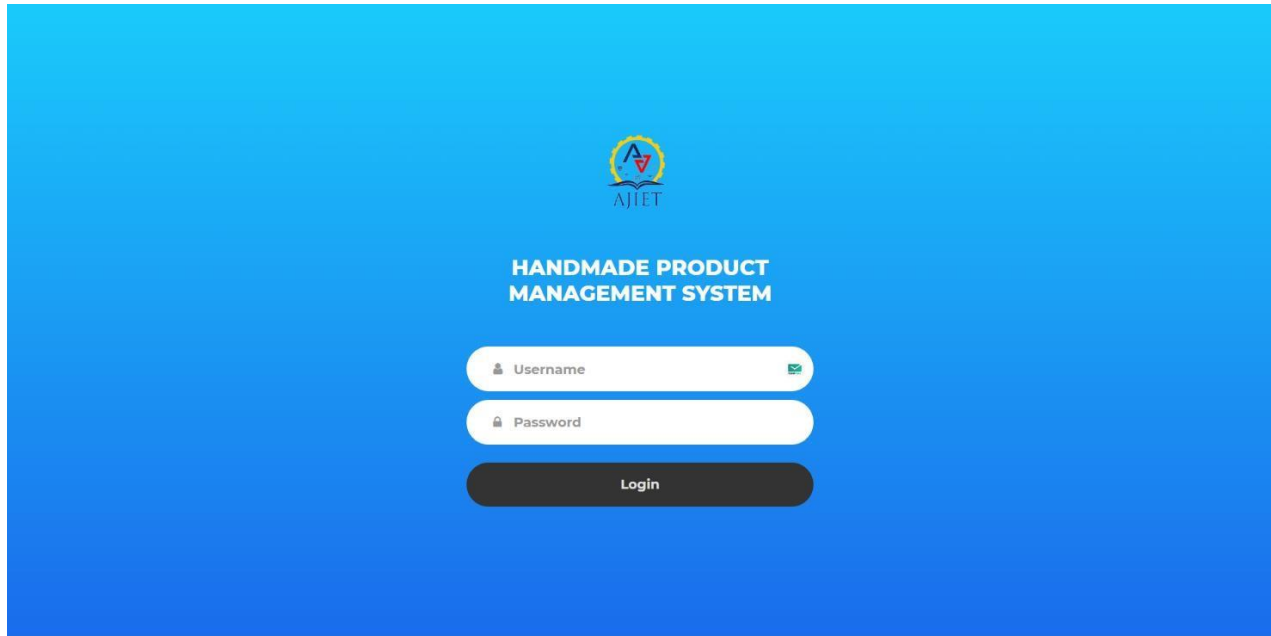


Figure 5.2.1: Admin Login Page

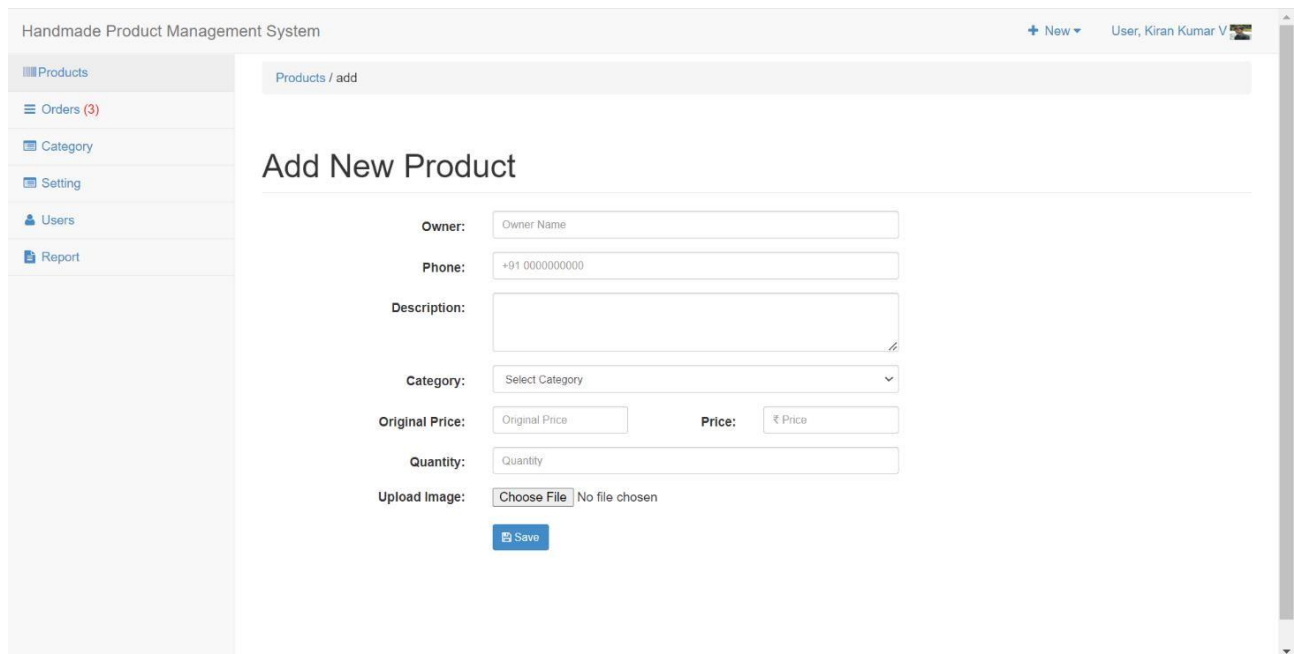


Figure 5.2.2: Add New Products Page

HANDMADE PRODUCT MANAGEMENT SYSTEM











Handmade Product Management System

+ New User, Kiran Kumar V

Products /

List of Products [New](#)

Show 10 entries Search

#	Image	Product	Description	Price	Discount%	Discounted Price	Quantity
<input type="checkbox"/>		GIFTING	Vikat Conch	₹ 1,818.00	₹ 0	₹ 1,818.00	0
<input type="checkbox"/>		GIFTING	Abayomi Table Lamp	₹ 1,593.00	₹ 0	₹ 1,593.00	2
<input type="checkbox"/>		GIFTING	Cobalt Cylindrical Vase	₹ 3,790.00	₹ 0	₹ 3,790.00	2
<input type="checkbox"/>		GIFTING	Regal Table Lamp	₹ 4,321.00	₹ 0	₹ 4,321.00	3
<input type="checkbox"/>		GIFTING	Gyasi Table Lamp	₹ 1,829.00	₹ 0	₹ 1,829.00	3
<input type="checkbox"/>		GIFTING	Olive Flower Vase	₹ 1,235.00	₹ 0	₹ 1,235.00	3
<input type="checkbox"/>		BAGS	Full Of Life Jute Tote	₹ 1,400.00	₹ 0	₹ 1,400.00	8
<input type="checkbox"/>		BAGS	Rosana Leather Bag	₹ 4,000.00	₹ 0	₹ 4,000.00	8
<input type="checkbox"/>		BAGS	Reza Leather Bag	₹ 2,478.00	₹ 0	₹ 2,478.00	8
<input type="checkbox"/>		BAGS	Boxy Leather Bag	₹ 2,500.00	₹ 0	₹ 2,500.00	4

Showing 1 to 10 of 47 entries

Previous 1 2 3 4 5 Next

Figure 5.2.3: List of Products Page

HAND-MADE PRODUCT MANAGEMENT SYSTEM

+ New User, harsha

Orders /

List of Orders

Show 10 entries Search: 1

#	Order#	Customer	DateOrdered	Price	PaymentMethod	Status	Action
1	101	Harsha Raj	Jan/25/2023 03:09:59	₹ 599.00	Cash on Delivery	Pending	Cancel Confirm
2	100	Harsha Raj	Jan/25/2023 02:48:18	₹ 5,999.00	Cash on Delivery	Pending	Cancel Confirm
3	99	Harsha Raj	Jan/25/2023 02:46:11	₹ 1,299.00	Cash on Delivery	Pending	Cancel Confirm

Showing 1 to 3 of 3 entries (filtered from 6 total entries)

Previous 1 Next

Figure 5.2.4: Orders Page

HANDMADE PRODUCT MANAGEMENT SYSTEM

Handmade Product Management System

+ New User, Kiran Kumar V

Products

Orders (3)

Category

Setting

Users

Report

Category / add

Add New Category

Category:

Save

Figure 5.2.5: Add New Category Page

Handmade Product Management System

+ New User, Kiran Kumar V

Products

Orders (3)

Category

Setting

Users

Report

Category /

List of Categories [+ New](#)

Show entries Search:

Category	Action
GIFTING	Edit Delete
BAGS	Edit Delete
CLOTHING	Edit Delete
HOME DECOR	Edit Delete
FASHION	Edit Delete
WOMENS	Edit Delete
MENS	Edit Delete
JEWELLERY	Edit Delete

Showing 1 to 8 of 8 entries

Previous **1** Next

Figure 5.2.6: Category Page

HANDMADE PRODUCT MANAGEMENT SYSTEM

Handmade Product Management System

Settings /

Settings

Product

List of Products

Show 10 entries

Search

Product	Category	Price	Action
Vikat Conch	GIFTING	₹ 1,818.00	Available Set Discount
Abayomi Table Lamp	GIFTING	₹ 1,593.00	Available Set Discount
Cobaat Cylindrical Vase	GIFTING	₹ 3,790.00	Available Set Discount
Regal Table Lamp	GIFTING	₹ 4,321.00	Available Set Discount
Gyasi Table Lamp	GIFTING	₹ 1,629.00	Available Set Discount
Olive Flower Vase	GIFTING	₹ 1,235.00	Available Set Discount
Full Of Life Jute Tote	BAGS	₹ 1,400.00	Available Set Discount
Rosana Leather Bag	BAGS	₹ 4,000.00	Available Set Discount
Reza Leather Bag	BAGS	₹ 2,478.00	Available Set Discount
Bory Leather Bag	BAGS	₹ 2,500.00	Available Set Discount

Showing 1 to 10 of 47 entries

Previous 1 2 3 4 5 Next

Figure 5.2.7: Settings Page

Handmade Product Management System

Users / add

Add New User

Name:

Username:

Password:

Role:

[Save](#)

Figure 5.2.8: Users Page

HANDMADE PRODUCT MANAGEMENT SYSTEM

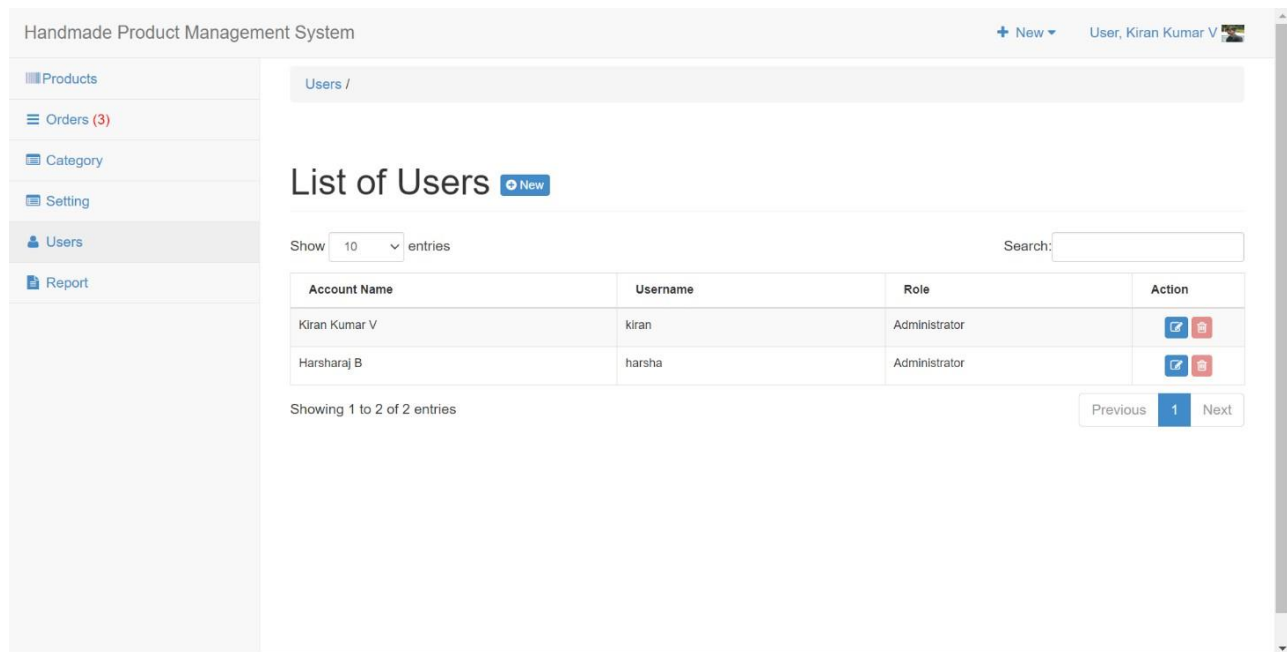


Figure 5.2.9: List of Users Page

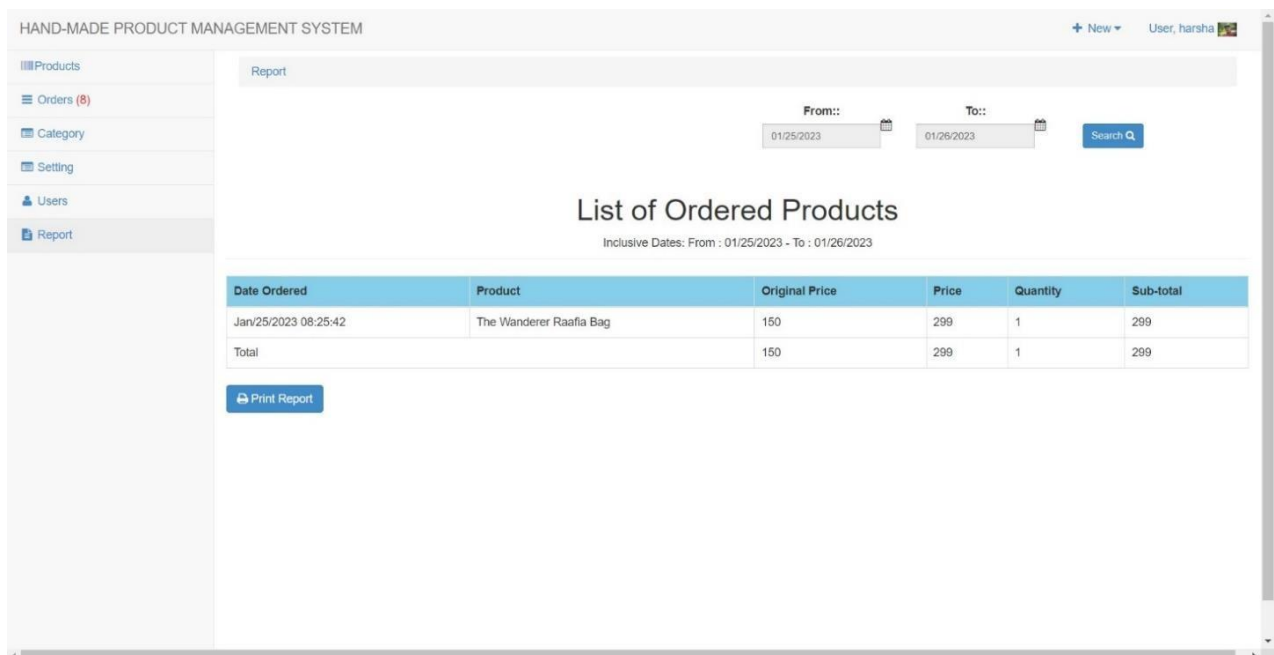


Figure 5.2.10: Report Page

HANDMADE PRODUCT MANAGEMENT SYSTEM

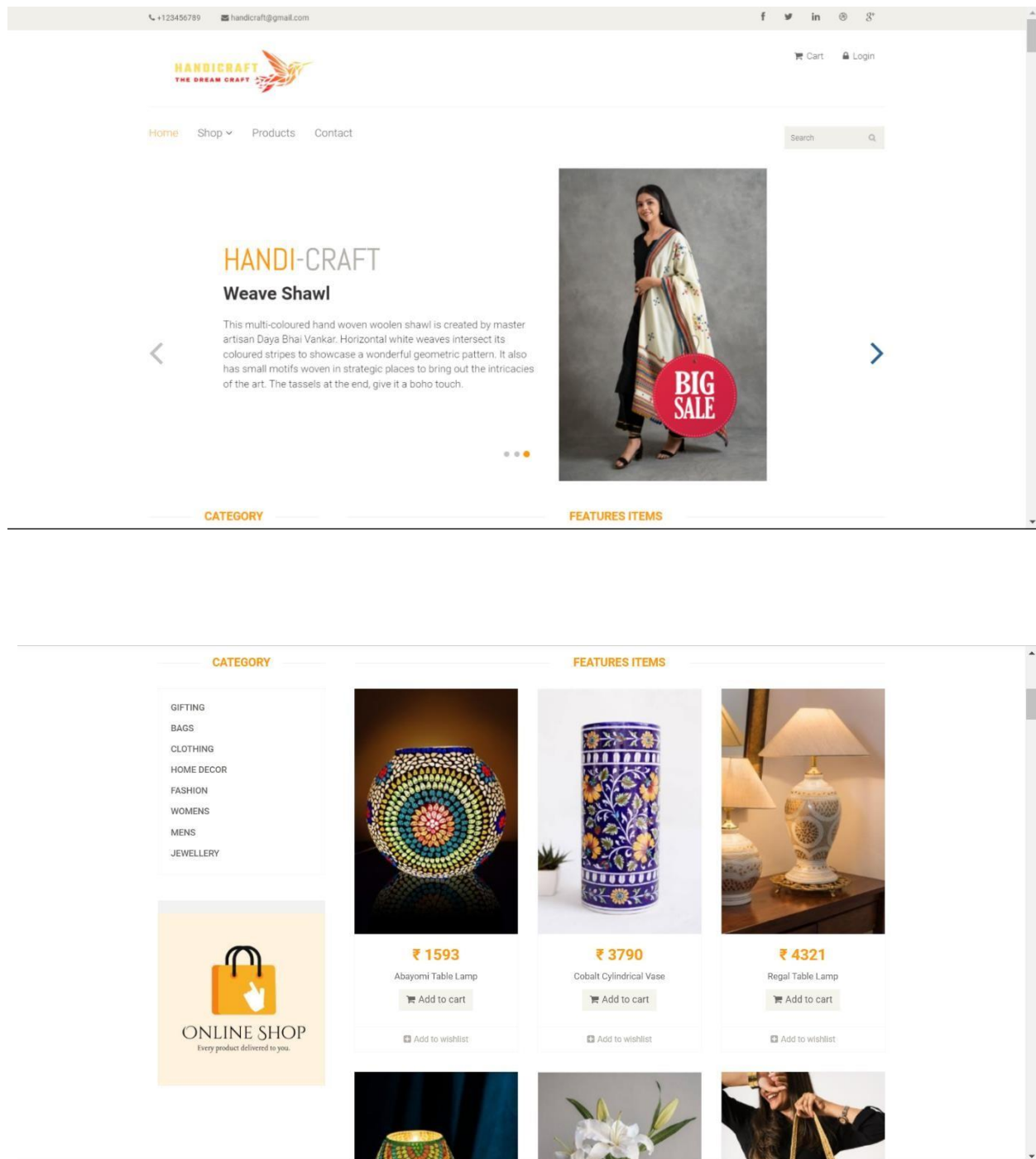


Figure 5.2.11: Website Front View Page

HANDMADE PRODUCT MANAGEMENT SYSTEM

The screenshot shows the 'CONTACT US' page of the 'HANDICRAFT THE DREAM CRAFT' website. The header includes contact information (+123456789, handicraft@gmail.com) and social media icons. The main navigation bar has links for Home, Shop, Products, and Contact. A search bar is located on the right. The 'CONTACT US' section is divided into two columns. The left column, titled 'GET IN TOUCH', contains a form with fields for Name, Email, Subject, and a large text area for 'Your Message Here'. A 'Submit' button is at the bottom of this column. The right column, titled 'CONTACT INFO', provides contact details for Handicraft Inc., including the address (A.J. Institute of Engineering & Technology, Mangalore, India), phone numbers (Mobile: +2346 17 38 93, Fax: 1-714-252-0026), and email (info@handicraft.com). Below this, a 'SOCIAL NETWORKING' section features icons for Facebook, Twitter, Google+, and YouTube.

Figure 5.2.12: Contact Us Page

The screenshot displays the 'Customer Login Page' of the Handicraft website. A modal window is overlaid on the page, featuring a 'Login' button and a 'Sign Up' button. Below these buttons, the 'Login Details' section includes input fields for 'Username' and 'Password', followed by 'Login' and 'Close' buttons. The background page is dimmed and shows a banner for 'HANDI-CRAFT Ceiling Lamp' with a 'SALE 50% OFF' tag. The banner text describes the lamp as 'Handcrafted to perfection, this spherical beauty is a must have for those who love to experiment with lights.' The page also includes a 'CATEGORY' section and a 'FEATURES ITEMS' section.

Figure 5.2.13: Customer Login Page

HANDMADE PRODUCT MANAGEMENT SYSTEM

Handicraft THE DREAM CRAFT

Home Shop Products

Handicraft THE DREAM CRAFT

Weave Sh

This multi-coloured handwoven fabric is a masterpiece of artisan Daya Bhai Vaidya. It features a series of multi-coloured stripes to which he has added small motifs woven into the fabric. The tassels at the ends of the fabric are also handwoven.

CATEGORY

Customer Details

First Name:

Last Name:

Gender: ☒ Male ☐ Female

Municipality/City:

Username:

Password:

Note: Password must be atleast 8 to 15 characters. Only letter, numeric digits, underscore and first character must be a letter.

Contact Number:

☐ I Agree with the [TERMS AND CONDITION](#)




Figure 5.2.14: Customer Sign Up Page

Handicraft THE DREAM CRAFT

Home Shop Products Contact

Home Shopping Cart

1 Item added in the cart.

Product	Description	Price	Quantity	Total
 Add to wishlist	Abayomi Table Lamp	₹ 1593	<input type="text" value="1"/>	₹ 1593
 Add to wishlist	Full Of Life Jute Tote	₹ 1400	<input type="text" value="1"/>	₹ 1400
 Add to wishlist	Men's Muffler	₹ 149	<input type="text" value="1"/>	₹ 1092
				Total ₹4085.00

What would you like to do next?
Choose if you have a discount code or reward points you want to use or would like to estimate your delivery cost.

Figure 5.2.15: Cart Page

HANDMADE PRODUCT MANAGEMENT SYSTEM

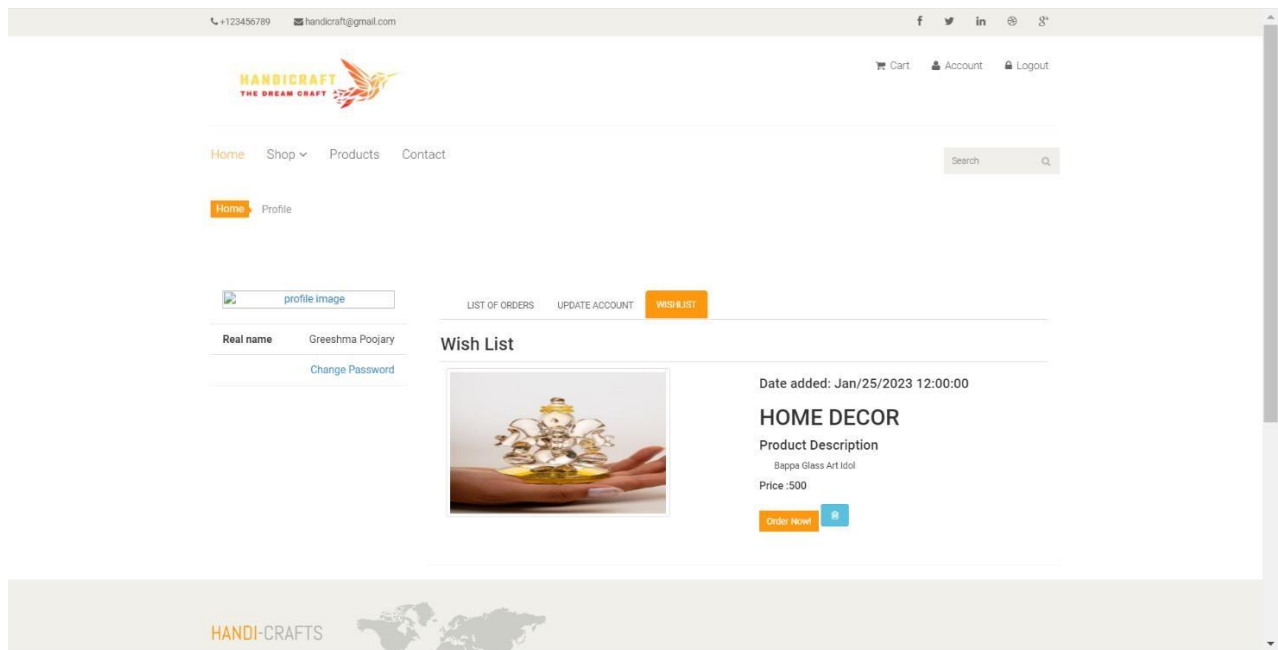


Figure 5.2.16: Wishlist Page

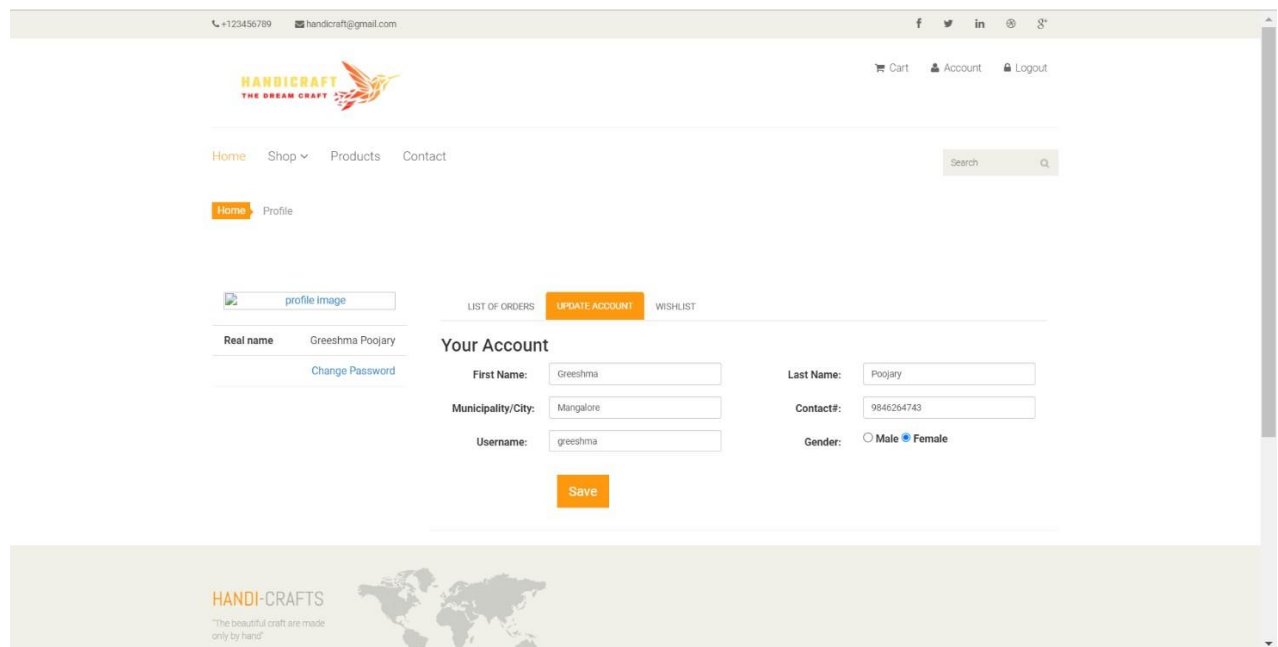
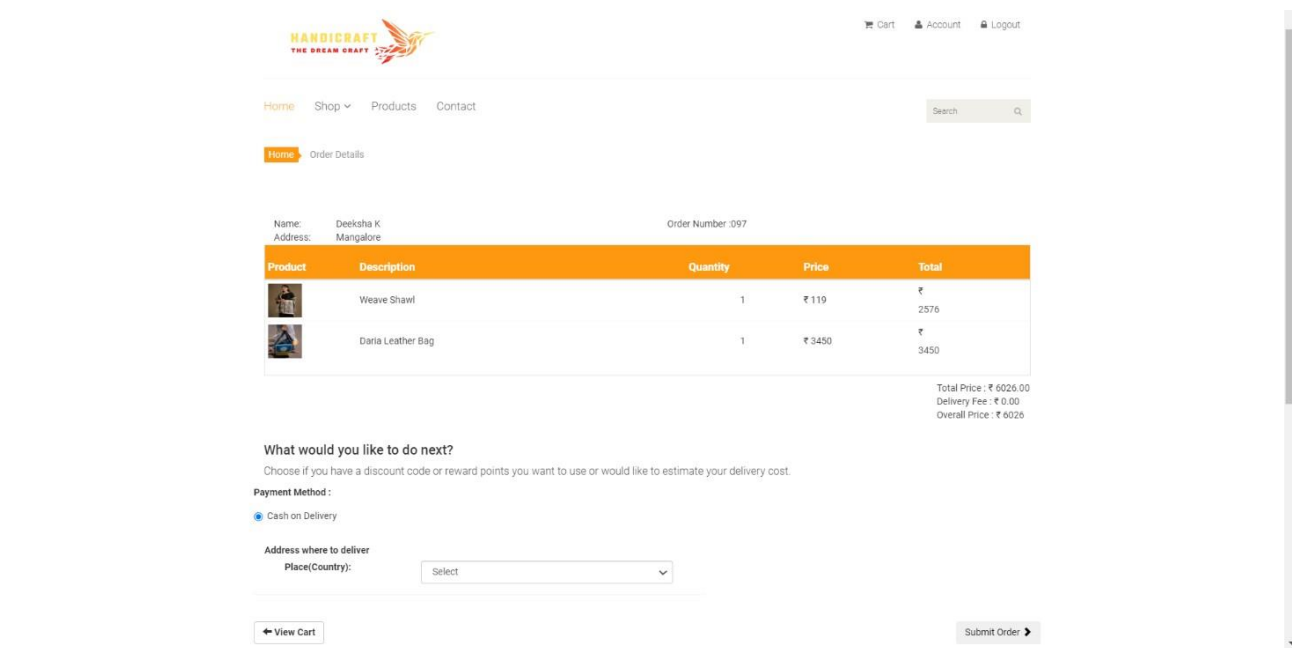


Figure 5.2.17: Update Account Page

HANDMADE PRODUCT MANAGEMENT SYSTEM



The screenshot shows the 'Order Details' page of the 'HANDICRAFT THE DREAM CRAFT' website. At the top, there is a navigation bar with links for Home, Shop, Products, and Contact, along with a search bar. Below this, the user's name 'Deeksha K' and address 'Mangalore' are displayed, along with the 'Order Number 097'. A table lists the ordered items: 'Weave Shawl' (Quantity: 1, Price: ₹ 119, Total: ₹ 2576) and 'Daria Leather Bag' (Quantity: 1, Price: ₹ 3450, Total: ₹ 3450). The total price is ₹ 6026.00, with a delivery fee of ₹ 0.00, resulting in an overall price of ₹ 6026. Below the table, there is a section for 'What would you like to do next?' with a prompt to choose a discount code or reward points. The 'Payment Method' is set to 'Cash on Delivery'. There is a dropdown menu for 'Address where to deliver' with 'Place(Country):' and a 'Select' button. At the bottom, there are buttons for 'View Cart' and 'Submit Order'.

Handicraft THE DREAM CRAFT



Cart Account Logout

Home Shop Products Contact

Home Order Details

Name: Deeksha K
Address: Mangalore

Order Number 097

Product	Description	Quantity	Price	Total
	Weave Shawl	1	₹ 119	₹ 2576
	Daria Leather Bag	1	₹ 3450	₹ 3450

Total Price : ₹ 6026.00
Delivery Fee : ₹ 0.00
Overall Price : ₹ 6026

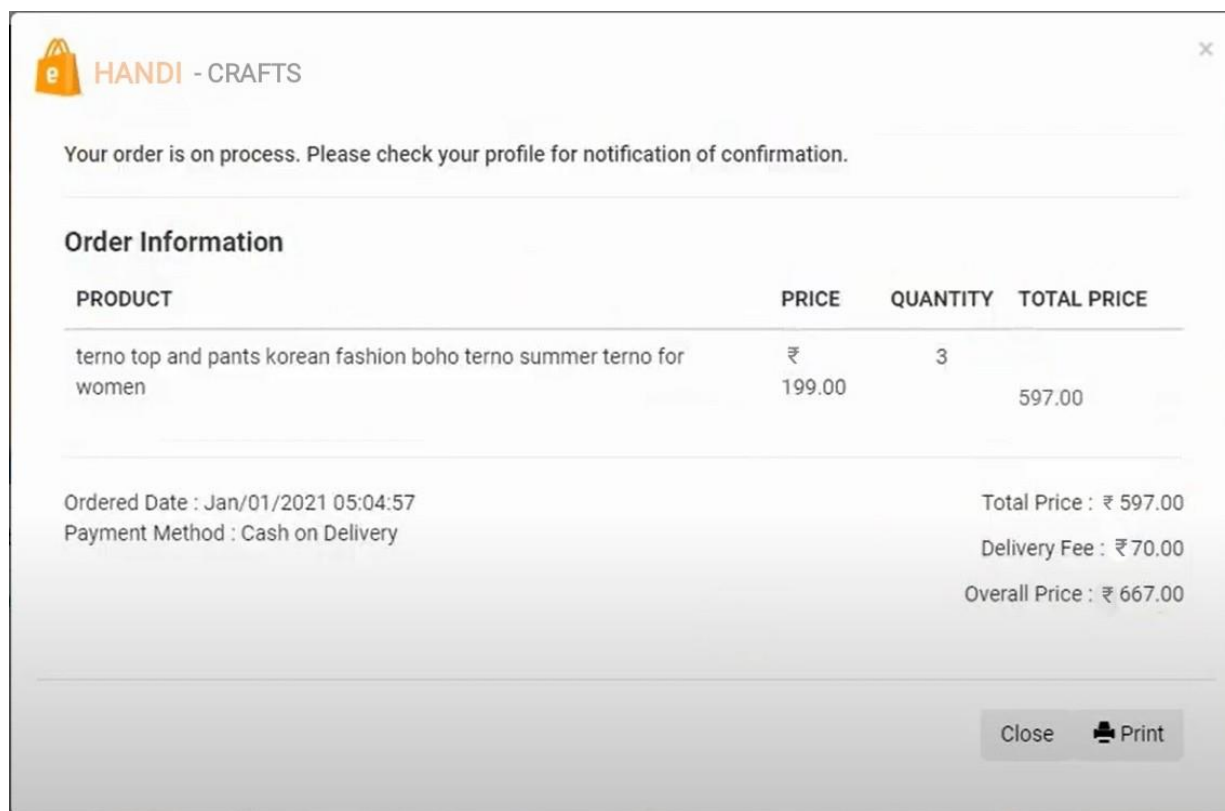
What would you like to do next?
Choose if you have a discount code or reward points you want to use or would like to estimate your delivery cost.

Payment Method :
Cash on Delivery

Address where to deliver
Place(Country):

[View Cart](#) [Submit Order](#)

Figure 5.2.18: Order Summary Page



The screenshot shows the 'Order Information' page of the 'HANDI - CRAFTS' website. At the top, there is a header with the logo and name 'HANDI - CRAFTS'. Below this, a message states 'Your order is on process. Please check your profile for notification of confirmation.' The 'Order Information' section contains a table with the following data:

PRODUCT	PRICE	QUANTITY	TOTAL PRICE
terno top and pants korean fashion boho terno summer terno for women	₹ 199.00	3	597.00

Ordered Date : Jan/01/2021 05:04:57
Payment Method : Cash on Delivery

Total Price : ₹ 597.00
Delivery Fee : ₹ 70.00
Overall Price : ₹ 667.00

[Close](#) [Print](#)

Figure 5.2.19: Order Information Page

CHAPTER 6

CONCLUSION AND FUTURE WORK

6.1 Conclusion

The following conclusions can be deduced from the development of the project:

- Online Handicrafts store will be an ease of access for everyone, i.e., customers as well as the artisans.
- Due to the pandemic, it is highly risky to go out for anything but with this e-commerce website people can admire and buy the fine work of the local craftsmen sitting at home.
- It will help the local craftsmen reach out to a wider audience who admire the real art. It will help them reach out to those people who respect the artwork but live far away and can't travel to shop for them.

6.2 Future Work

Online Shopping is largely about execution. But for anyone involved in the Online Shopping game, it is an environment that is constantly changing and upgrading as technologies improve and companies battle against each other to win a greater share of the pie. The future of Online Shopping is uncertain, but some things remain constant-delivery times will improve, customer service will get increasingly better, and product selection will become ever greater.

Delivery Drones

Perhaps one of the most exciting developments in Online Shopping is to see drone delivery. Drones will in the future allow companies to deliver packages much more efficiently and quickly, with delivery times of just 60 or even 30 minutes from order entirely plausible. Drones will be sent out from distribution centers and travel directly to the delivery addresses provided, at significantly lower cost and logistical hassle than at present. Amazon, among others, are already seriously close to making this a reality across the entirety of their business, and it seems that others will be clambering to follow suit as quickly as possible.

REFERENCES

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- (2) Ramakrishnan and Gehrke, “Database Management Systems” 3rd Edition, 2014, McGraw Hill
- (3) <http://www.geeksforgeeks.org/php-tutorials/>
- (4) <https://www.tutorialspoint.com/>
- (5) <http://www.w3schools.com/Css/>
- (6) <http://www.javatpoint.com/>