

**E-Commerce Website using PHP**  
**A PROJECT REPORT**

*Submitted by*

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*in partial fulfilment for the award of the degree of*

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## **BONAFIDE CERTIFICATE**

Certified that this project report “**E-Commerce website**” is the bonafide work of Sujata Singh (20BCS7295), Pushpinder Singh (20BCS7300) & Shubham Sharma (20BCS7327) who carried out the project work under my supervision.

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**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**

## **ACKNOWLEDGEMENT**

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of people whose ceaseless cooperation made it possible, whose constant guidance and encouragement crown all efforts with success. We are grateful to our project guide **Er. Nisha Rani & Er. Triveni Lal Pal** for the guidance, inspiration and constructive suggestions that helped us in the preparation of this project. We also thank our colleagues who have helped in successful completion of the project.

# **ABSTRACT**

In fast forwarding world, none of us have time to visit mall ,or shop to buy products , in that case we need to have access to them sitting at our home. And Ecommerce provide us that facility. The project “E-Commerce” aim to build a responsive website which involves buying and selling of goods and services. Now, user can browse online shops, compare prices and order merchandise sitting at home on their PC. Much like a traditional physical retail store, e-commerce websites allow consumers to buy and sell to one another on a designated platform.

Ecommerce has become a revolution now days , every procedure is done online which offers so many advantages . It includes helping one to choose from a wide range of products and get the order delivered too. Searching for an item, seeing the description, adding to cart – all steps happen in no time at all. In the end, the buyer is happy because he has the item and didn’t have to travel far. Here the seller has full control over customization , he can mention offers available, discounts etc. Other advantages of e-business product listing are that it is free to upload and fast. It provide flexibility to customers , the product and services are ready 24x7. The result is that seller can offer his item any place, any time . The designed application will have an admin panel which consists of categories admin , product admin, order master, users listing and also will be provided contact service. The customers will be able to handle their information such as their name, address, and contact. Two payment gateway has been added , one is cash on delivery and other one is using online payment methods.

Before Covid this world was largely inclined towards local shopping . But this scenario changed completely . The use of ecommerce was less as compare to now. With following norms , local shopping was like a impossible thing to do. In such situation , ecommerce fulfilled the need . The digital economy boomed during the COVID-19 crisis. As people embraced social distancing, they turned to online shopping more than ever before.

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## **Chapter One**

# **Introduction**

### **1.1 Overview**

The ‘E-commerce website Services department strives to provide solutions to develop and transfer easy and efficient way in the digital age and to help reduces the human pressure and time. To help support shop collections, the digital initiatives, and external partner institution digital projects, It provide services that include the digitization of analog objects, metadata management, digital preservation, and discovery and access of digital collections. Our project is a web application written for all operating systems, designed to help users maintain and organize shop virtually. This is easy to use for both beginners and advanced users. It features a familiar and well thought-out, an attractive user interface, combined with strong searching Insertion and reporting capabilities. The report generation facility of E-commerce helps to get a good idea of which are the various items broughtby the members, makes users possible to get the product easily.

The ‘Online E-commerce Website for product selling’ Services department strives to provide solutions to develop and transfer easy and efficient way in the digital age and to help reduces the human pressure and time. To help support shop collections, the digital initiatives, and external partner institution digital projects, It provides services that include the digitization of analog objects, metadata management, digital preservation, and discovery and access of digital collections. “Online E-commerce Website for product selling” is a web application written for all operating systems, designed to help users maintain and organize shop virtually. This software is easy to use for both beginners and advanced users. It features a familiar and well thought-out, an attractive user interface, combined with strong searching Insertion and reporting capabilities. The report generation facility of online shopping helps to get a good idea of which are the various items broughtby the members, makes users possible to get the product easily.

### **1.2 Background Study**

E-commerce is fast gaining ground as an accepted and used business paradigm. More andmore business houses are implementing web sites providing functionality for performing commercial transactions over the web. It is reasonable to say that the process of shoppingon the web is becoming commonplace.

The objective of this project is to develop a general-purpose e-commerce store where any product (such as books, CDs, computers, mobile phones, electronic items, and home appliances) can be bought from the comfort of home through the Internet. However, for implementation purposes, this paper will deal with an online ecommerce store.

An online store is a virtual store on the Internet where customers can browse the catalog and select products of interest. The selected items may be collected in a shopping cart. At checkout time, the items in the shopping cart will be presented as an order. At that time, more information will be needed to complete the

### **1.3 Project Planning**

Project planning is part of project management, which relates to the use of schedules such as Gantt charts to plan and subsequently report progress within the project environment. Initially, the project scope is defined and the appropriate methods for completing the project are determined. Following this step, the durations for the various tasks necessary to complete the work are listed and grouped into a work breakdown structure. The logical dependencies

between tasks are defined using an activity network diagram that enables identification of the critical path. Float or slack time in the schedule can be calculated using project management software. Then the necessary resources can be estimated and costs for each activity can be allocated to each resource, giving the total project cost. At this stage, the project plan may be optimized to achieve the appropriate balance between resource usage and project duration to comply with the project objectives. Once established and agreed, the plan becomes what is known as the baseline. Progress will be measured against the baseline throughout the life of the project



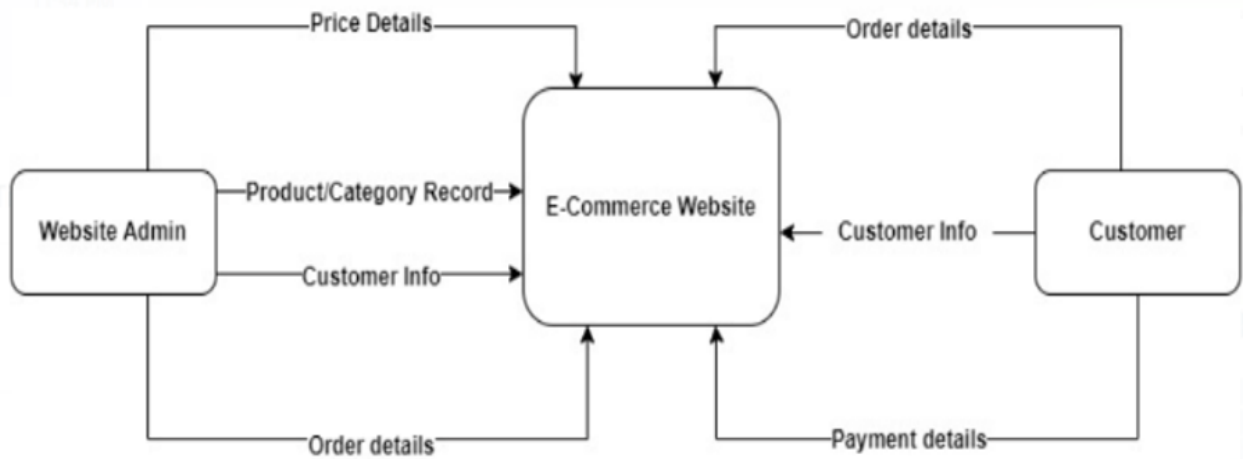
## **1.4 Purposes**

The project is about to handle all the information of the shop regarding members. Also it manages resources which were managed and handled by manpower previously. The main purpose of the project is to integrate distinct sections of the shop into consistent manner so that complex functions can be handled smoothly. The project aims at the following matters

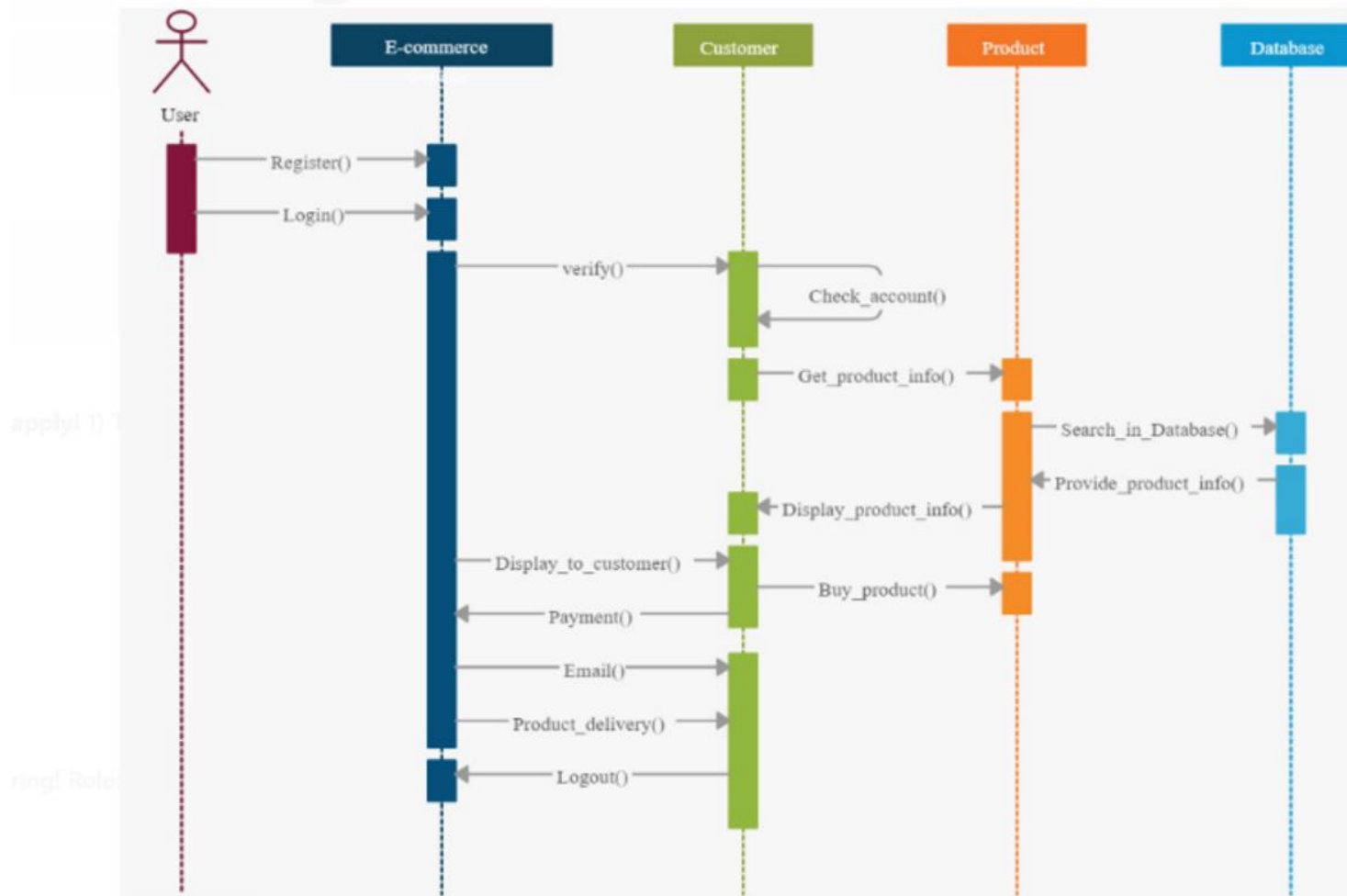
- Automation of product manipulation.
- Buying products.
- To manage information of different types of items.
- Consistently update information of all the item.
- Managing security by providing authorized email & password. Manages database efficiently.

## **2.1 Design**

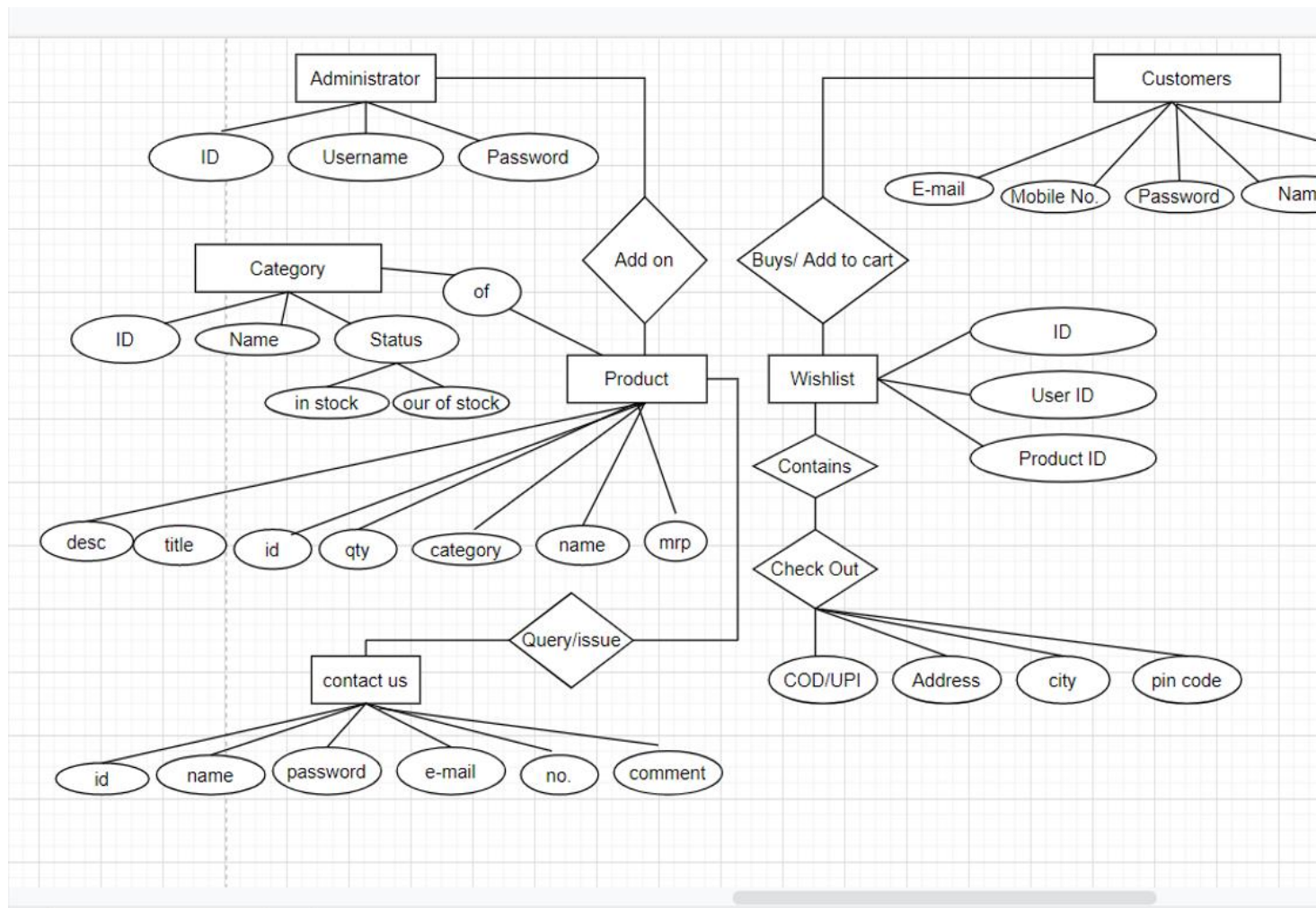
### **Data Flow Diagram**



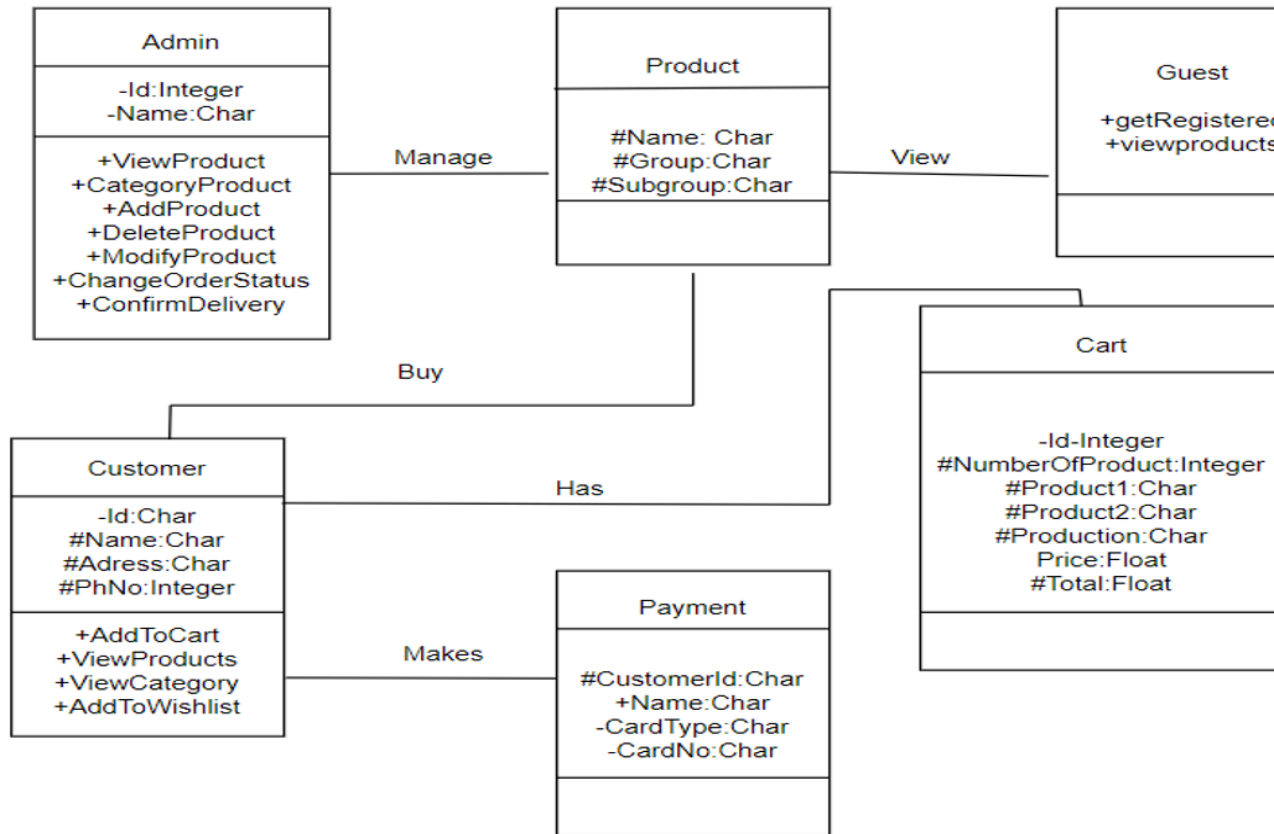
## Sequence Diagram



## ER Diagram



## Class Diagram



## Chapter Two

### System Design

#### 2.2 User Characteristics

**Admin** The administrator has all the rights to access the system. He is the one who has all rights to view the members and product details, modify those details. He can add various product based on the category. He can also set the available quantity of a product and its reasonable price. Also he can also set discount in various occasion. Admin can also view the details of a member. The admin have the power to generate the scratch card so that users can also use the recharge card to buy various product.

**Users** The user can log in to the system by using his specific email and password. User can view the products and order the products according to their own needs. He can view his profile and update

his details. He can update his personal information by logging into the system. User can find various product by using search option easily. update his details. He can update his personal information by logging into the system. User can find various product by using search option easily.

## **2.3 System Information**

This system is an automated VAMS come and buy system. Through the software user can add members, add product, search product, update information, edit information, buy the product in quicktime. The system has the following advantages:

1. User friendly interface
2. Fast access to database
3. Search facility
4. Look and Feel Environment

## **2.4 System Analysis**

System Analysis refers into the process of examining a situation with the intent of improving it through better procedures and methods. System Analysis is the process of planning a new system to either replace or complement an existing system. But before any planning is done the old system must be thoroughly understood and the requirements determined. System analysis is therefore, the process of gathering and interpreting facts, diagnosing problems and using the information to re- comment improvements in the system. System analysis is conducted with the following objectives inmind:

1. Evaluate the system concept for feasibility.
2. Perform economic and technical analysis.
3. Allocate functions to hardware, software people, database and other system elements.
4. Establish cost and schedule constraints.
5. Create a system definition that forms the foundation for all the subsequent engineering work.

## **2.5 Feasibility Analysis**

Whatever we think need not be feasible .It is wise to think about the feasibility of any problem we undertake. Feasibility is the study of impact, which happens in the organization by the developmentof a system. The impact can be either positive or negative. When the positives nominate the negatives, then the system is considered feasible. Here the feasibility study can be performed in twoways such as technical feasibility and Economical Feasibility.

### **Technical Feasibility**

It is technically feasible, since there will not be much difficulty in getting required resources for the development and maintaining the system as well. All the resources needed for the development of the software as well as the maintenance.



## **Economical Feasibility**

Development of this application is highly economically feasible .The organization needed not spend much one for the development of the system already available. The only thing is to be done is makingan environment for the development with an effective supervision. I f we are doing so , we can attain the maximum usability of the corresponding resources .Even after the development , the organizationwill not be in a condition to invest more in the organization .Therefore , the system is economically feasible.

## **Chapter Three**

# **Hardware and Software Requirement**

### **3.1 Hardware Required**

- **Processor** : Pentium IV or Above
- **RAM** : 2GB or above
- **Hard Disk** : 50GB or above
- **Input Devices** : Keyboard, Mouse
- **Output Devices** : LAPTOP

### **3.2 Software Required**

- **Operating System** : Linux, Ubuntu, Mac, Windows XP, 7, 8, 8.1, 10
- **Frontend** : HTML, CSS, Bootstrap, JavaScript
- **Backend** : PHP, MySQL
- **Local host** : XAMPP

## Chapter Four

# Implementing Tools for the Project

### 4.1 Tools

HTML

CSS

Bootstrap

MySQL

XAMPP

### 4.2 What is XAMPP

XAMPP stands for Cross-Platform (X), Apache (A), MySQL (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local webserver for testing purposes. Everything you need to set up a web server – server application (Apache), database (MySQL), and scripting language (PHP) – is included in a simple 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 is extremely easy as well. Web development using XAMPP is especially beginner friendly.

### 4.3 What's included in XAMPP

XAMPP has four primary components. These are:

**Apache:** Apache is the actual web server application that processes and delivers web content to a computer. Apache is the most popular web server online, powering nearly 54% of all websites.

**MySQL:** Every web application, howsoever simple or complicated, requires a database for storing collected data. MySQL, which is open source, is the world's most popular database management system. It powers everything from hobbyist websites to professional platforms like Word Press.

**PHP:** PHP stands for Hypertext Pre processor. It is a server-side scripting language that powers some of the most popular websites in the world, including Word Press and Facebook. It is open source, relatively easy to learn, and works perfectly with MySQL, making it a popular choice for web.

## HTML



HTML is short for Hypertext Markup Language. HTML is used to create electronic documents (called pages) that are displayed on the World Wide Web. It describes the structure of a Web page. It consists of a series of elements and tags . HTML elements tell the browser how to display the content . Without HTML, a browser would not know how to display text as elements or load images or other elements. HTML also provides a basic structure of the page One could think of HTML as the bones of the webpage.

## CSS



CSS Stands for "Cascading Style Sheet." Cascading Style Sheets are used to format the layout of Web pages. They can be used to define text styles, table sizes, and other aspects of Web pages that previously could only be defined in a page's HTML. Once the style is defined in cascading style sheet, it can be used by any page that references the CSS file. Plus, CSS makes it easy to change styles across several pages at once. CSS is like the skin to the websites.

## JAVASCRIPT



JavaScript is a lightweight, cross-platform, and interpreted scripting language. It is well-known for the development of web pages, many non-browser environments also use it. JavaScript can be used for Client-side developments as well as Server –Side developments. JavaScript contains a standard library of objects, like Array , Date and Math and a core set of language elements like operators, control structures, and statements.

## PHP



PHP is a recursive acronym for "PHP: Hypertext Preprocessor". PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites. It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server. PHP performs system 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.

## MYSQL



SQL is a standard language for accessing and manipulating databases. SQL stands for Structured Query Language. SQL can execute queries against a database, retrieve data, insert records in a database, update ,records ,delete records, create new databases, create new tables in a database, create stored procedures in a database, create views in a database, set permissions on tables, procedures, and views.



## Chapter Five

# Project Database and Table

### 5.1 Database Design

Database is critical for all businesses. A good database does not allow any form of anomalies and stores only relevant information in an ordered manner. If a database has anomalies, it is affecting the efficiency and data integrity. For example, delete anomaly arises upon the deletion of a row which also forces other useful data to be lost. As such, the tables need to be normalized. This fulfils the last objective of ensuring data are accurate and retrieved correctly.

Database files are the key source of information into the system. It is the process of designing database files, which are the key source of information to the system. The files should be properly designed and planned for collection, accumulation, editing and retrieving the required information.

The organization of data in database aims to achieve three major objectives: -

Data integration

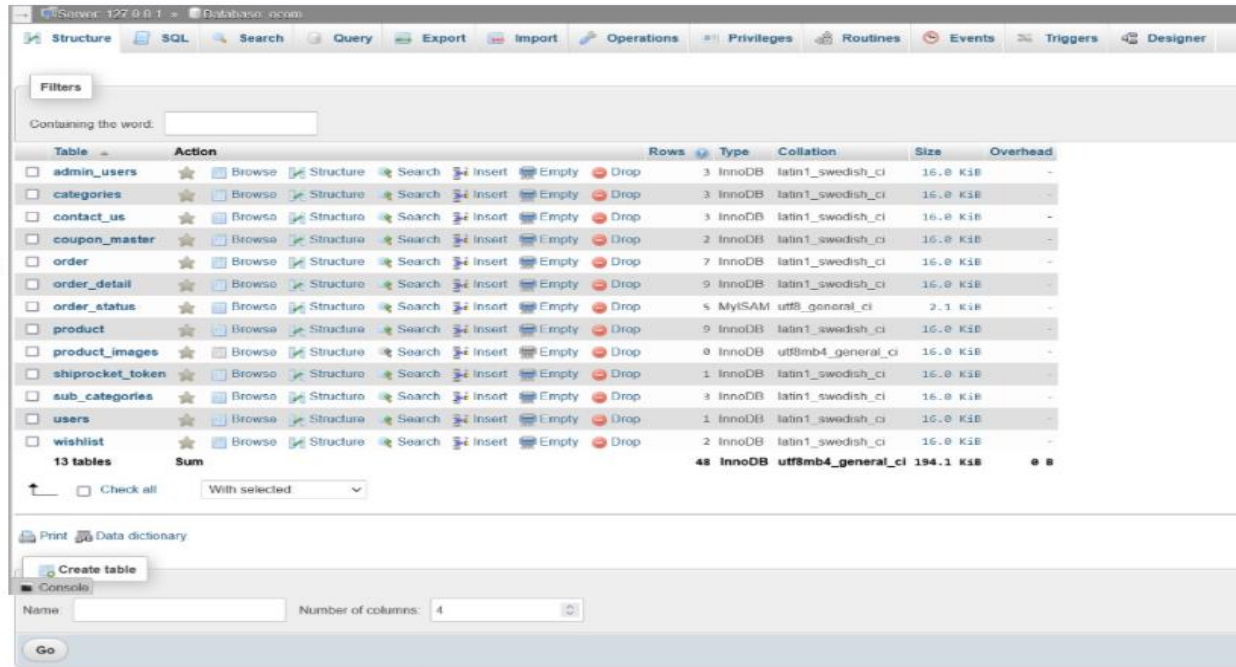
Data integrity

Data independence



## 5.2. Screenshots of Database Design

### 5.2.1 E-Com Database



Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> admin_users		3	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> categories		3	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> contact_us		3	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> coupon_master		2	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> order		7	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> order_detail		9	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> order_status		5	MyISAM	utf8_general_ci	2.1 KiB	-
<input type="checkbox"/> product		9	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> product_images		0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> shiprocket_token		1	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> sub_categories		3	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> users		1	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> wishlist		2	InnoDB	latin1_swedish_ci	16.0 KiB	-
13 tables	Sum	48	InnoDB	utf8mb4_general_ci	194.1 KiB	0 B

☐ Check all    With selected:

Print    Data dictionary

Create table

Console

Name:     Number of columns:

Go

### 5.2.2 Structure of the Database

Server: 127.0.0.1 » Robabian.com

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Designer

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> admin_users		3	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> categories		3	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> contact_us		3	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> coupon_master		2	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> order		7	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> order_detail		9	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> order_status		5	MyISAM	utf8_general_ci	2.3 KiB	-
<input type="checkbox"/> product		9	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> product_images		0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> shiprocket_token		1	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> sub_categories		3	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> users		1	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> wishlist		2	InnoDB	latin1_swedish_ci	16.0 KiB	-
<b>13 tables</b>	<b>Sum</b>	<b>48</b>	<b>InnoDB</b>	<b>utf8mb4_general_ci</b>	<b>194.1 KiB</b>	<b>0 B</b>

☐ Check all With selected

Print Data dictionary

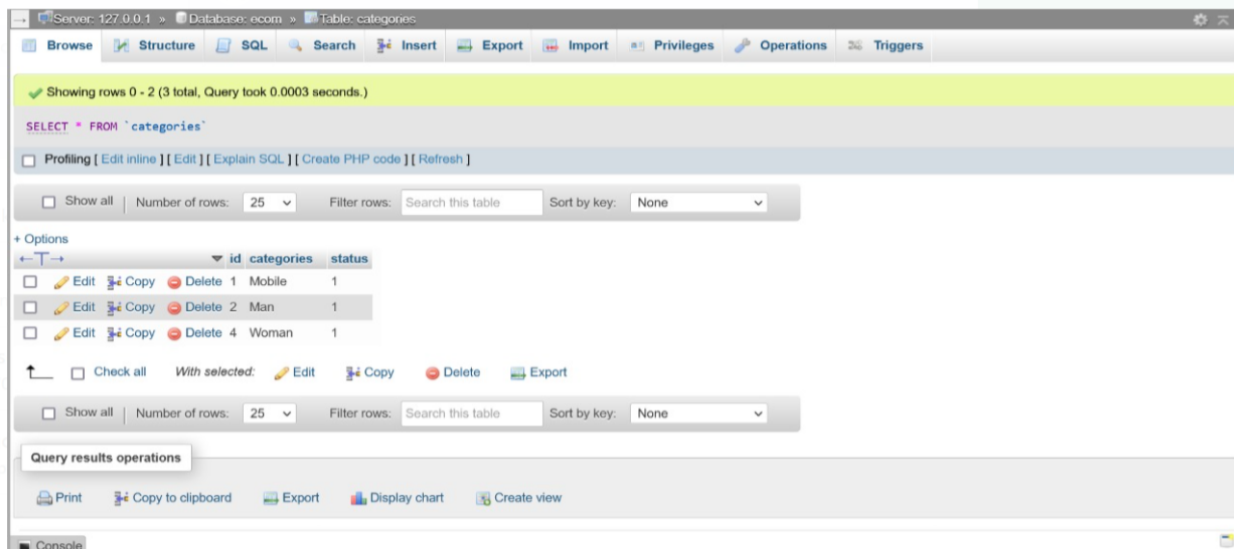
Create table

Console

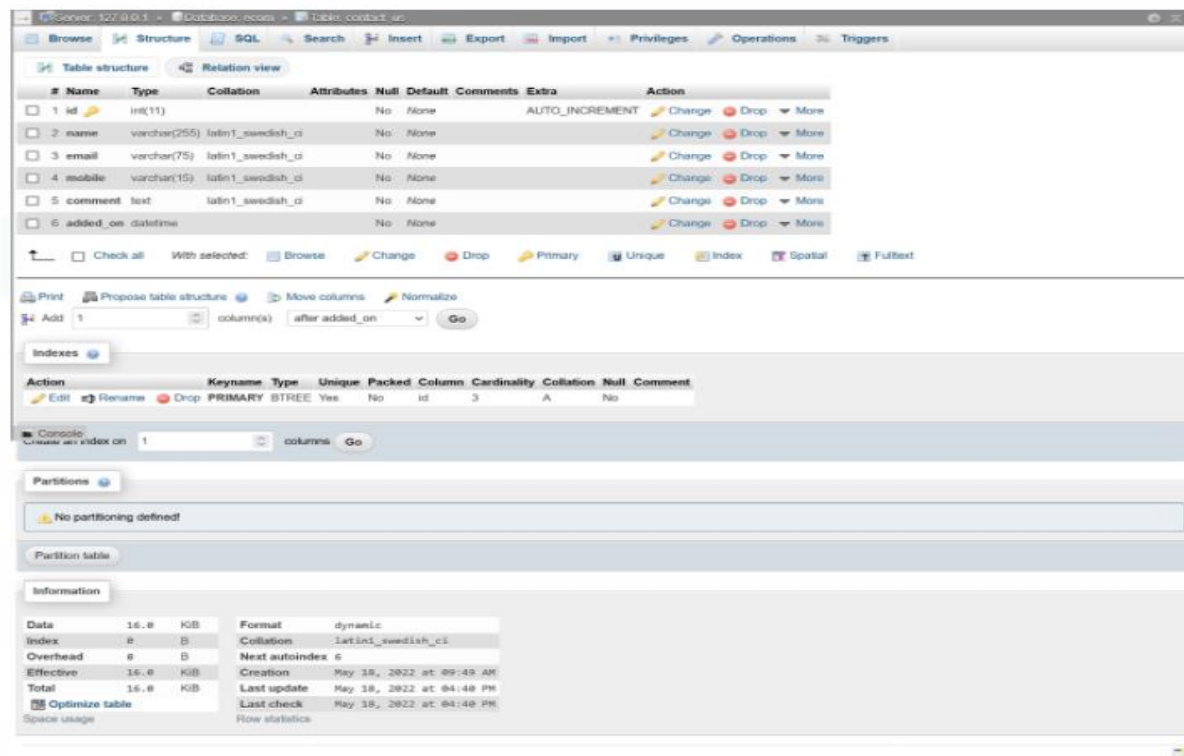
Name:  Number of columns:

Go

## 5.2.3 Categories



## 5.2.4 Structure of Table for Contact Us



## 5.2.5 Table Coupon Master

MySQL 5.7.30.1 - Database: mysql - Table: coupon\_order

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	coupon_code	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
3	coupon_value	int(11)			No	None			Change Drop More
4	coupon_type	varchar(10)	latin1_swedish_ci		No	None			Change Drop More
5	cart_min_value	int(11)			No	None			Change Drop More
6	status	int(11)			No	None			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext

Print Propose table structure Move columns Normalize

Add 1 column(s) after status Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	id	2	A	No	

Create an index on 1 column(s) Go

Partitions

No partitioning defined!

Partition table

Information

Data	16.9	KB	Format	dynamic
Index	8	B	Collation	latin1_swedish_ci
Overhead	8	B	Next autoindex	3
Effective	16.9	KB	Creation	May 18, 2022 at 09:49 AM
Total	16.9	KB	Last update	May 18, 2022 at 04:48 PM
Optimize table			Last check	May 18, 2022 at 04:48 PM
Space usage			Row statistics	

## 5.2.6 Table Order



Table structure view for a table named 'product'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	categories_id	int(11)			No	None			Change Drop More
3	sub_categories_id	int(11)			No	None			Change Drop More
4	name	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
5	mrp	float			No	None			Change Drop More
6	price	float			No	None			Change Drop More
7	qty	int(11)			No	None			Change Drop More
8	image	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
9	short_desc	varchar(2000)	latin1_swedish_ci		No	None			Change Drop More
10	description	text	latin1_swedish_ci		No	None			Change Drop More
11	best_seller	int(11)			No	None			Change Drop More
12	meta_title	varchar(2000)	latin1_swedish_ci		No	None			Change Drop More
13	meta_desc	varchar(2000)	latin1_swedish_ci		No	None			Change Drop More
14	meta_keyword	varchar(2000)	latin1_swedish_ci		No	None			Change Drop More
15	added_by	int(11)			No	None			Change Drop More
16	status	tinyint(4)			No	None			Change Drop More

Indexes:

Action	Indexname	Type	Unique	Packed	Columns	Cardinality	Collation	Null	Comment
Change Drop	PRIMARY	BTREE	Yes	No	id	2	A	No	

Partitions: No partitioning defined

Information:

Item	Value	Item	Value
Data	16.8 KB	Format	dynamic
Index	8 B	Collation	latin1_swedish_ci
Overhead	8 B	Next autoindex	16
Effective	16.8 KB	Creation	May 17, 2022 at 11:27 AM
Total	16.8 KB	Last update	May 18, 2022 at 04:42 PM
Optimize table		Last check	May 18, 2022 at 04:42 PM

## 5.2.8 Table Users

Server: 127.0.0.1 • Database: exam • Table: users

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
3	password	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
4	email	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
5	mobile	varchar(15)	latin1_swedish_ci		No	None			Change Drop More
6	added_on	datetime			No	None			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext

Print Propose table structure Move columns Normalize

Add 1 column(s) after added\_on Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	id	2	A	No	

Create an index on 1 column(s) Go

Partitions

Console: partitioning defined

Partition table

Information

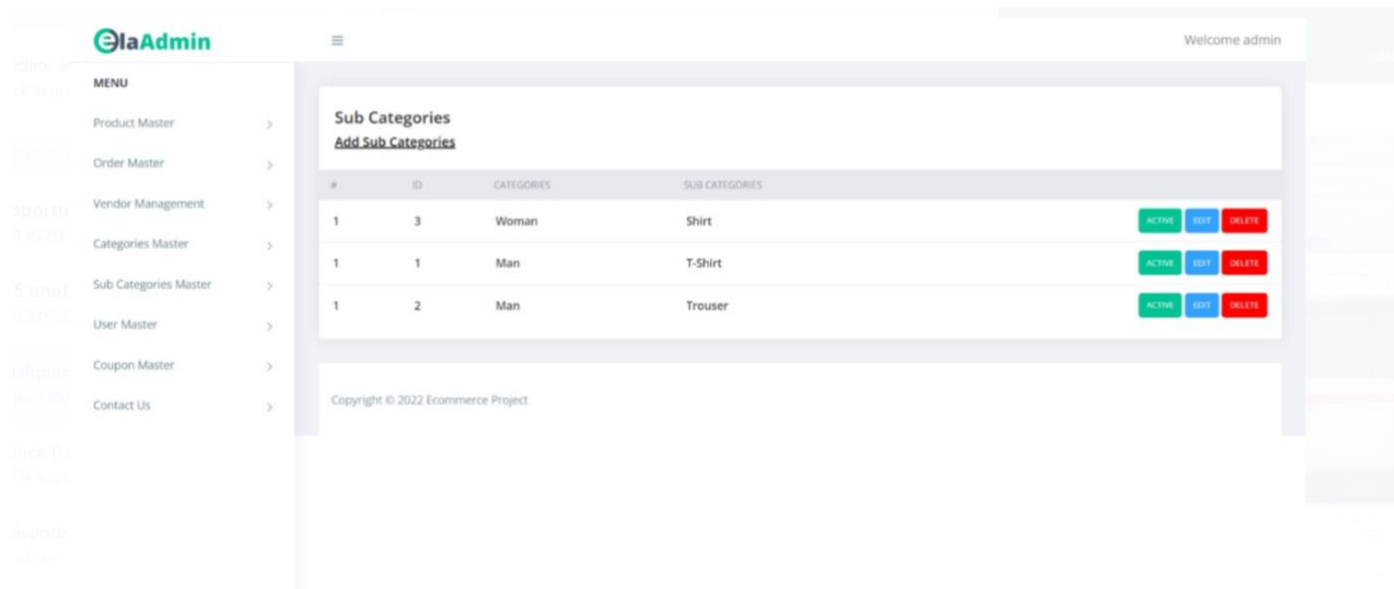
Data	16.0	KiB	Format	dynamic
Index	0	B	Collation	latin1_swedish_ci
Overhead	0	B	Next autoindex	3
Effective	16.0	KiB	Creation	May 17, 2022 at 11:27 AM
Total	16.0	KiB	Last update	May 18, 2022 at 04:42 PM
Optimize table			Last check	May 18, 2022 at 04:42 PM

Space usage Row statistics

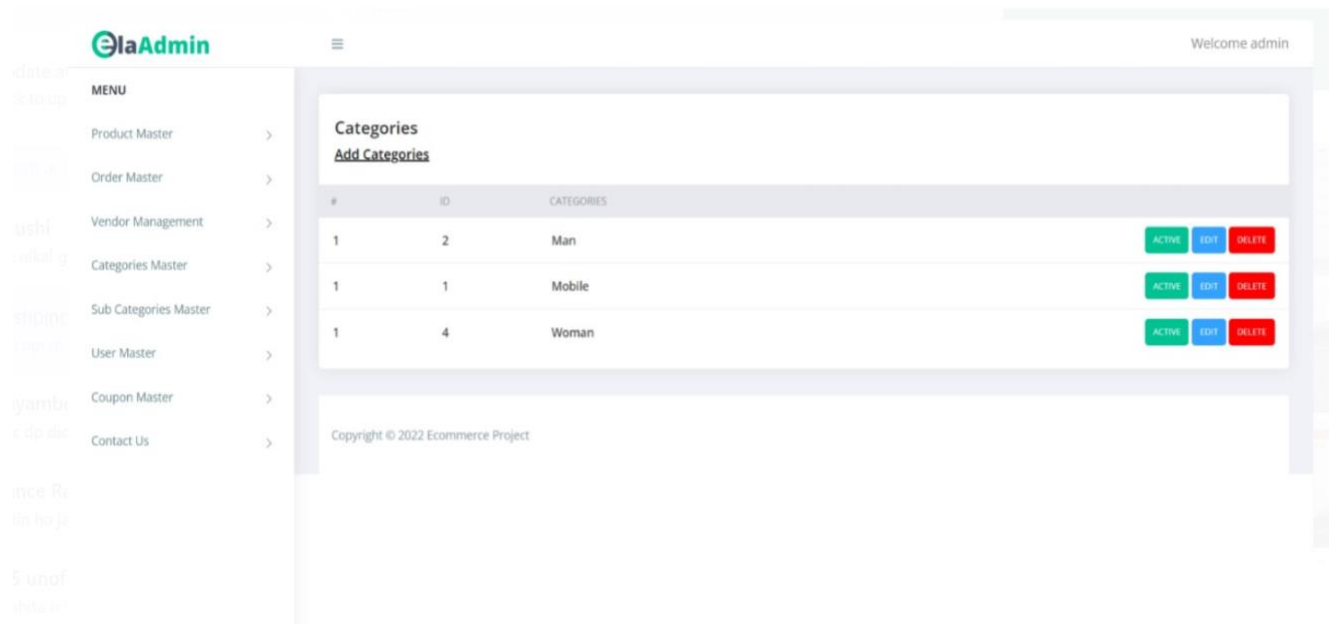


## 5.5 Admin Panel Of Website

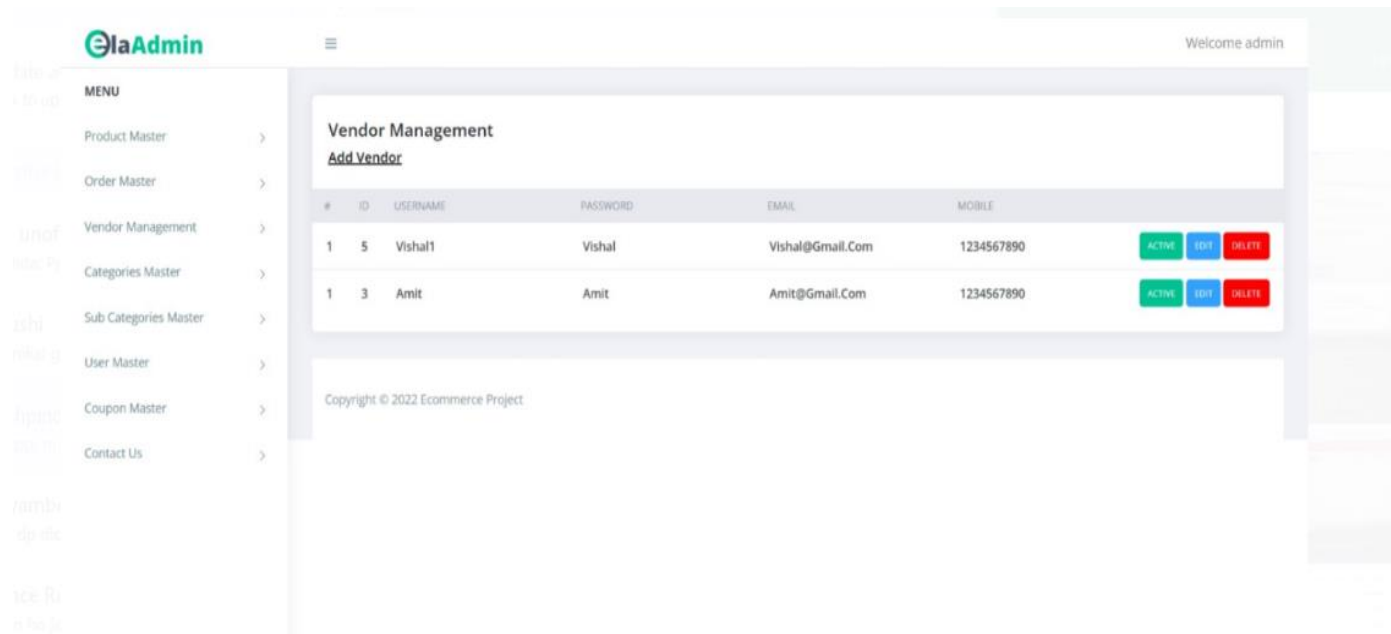
### 5.5.1 Sub-Categories



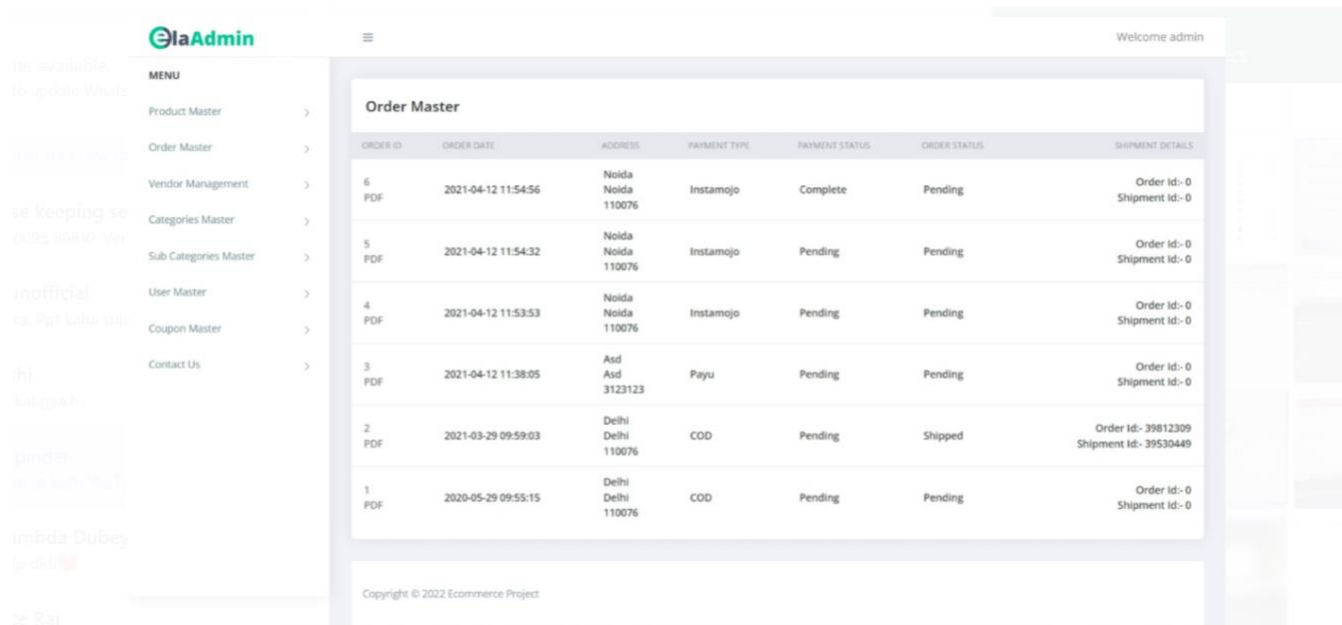
### 5.5.2 Categories



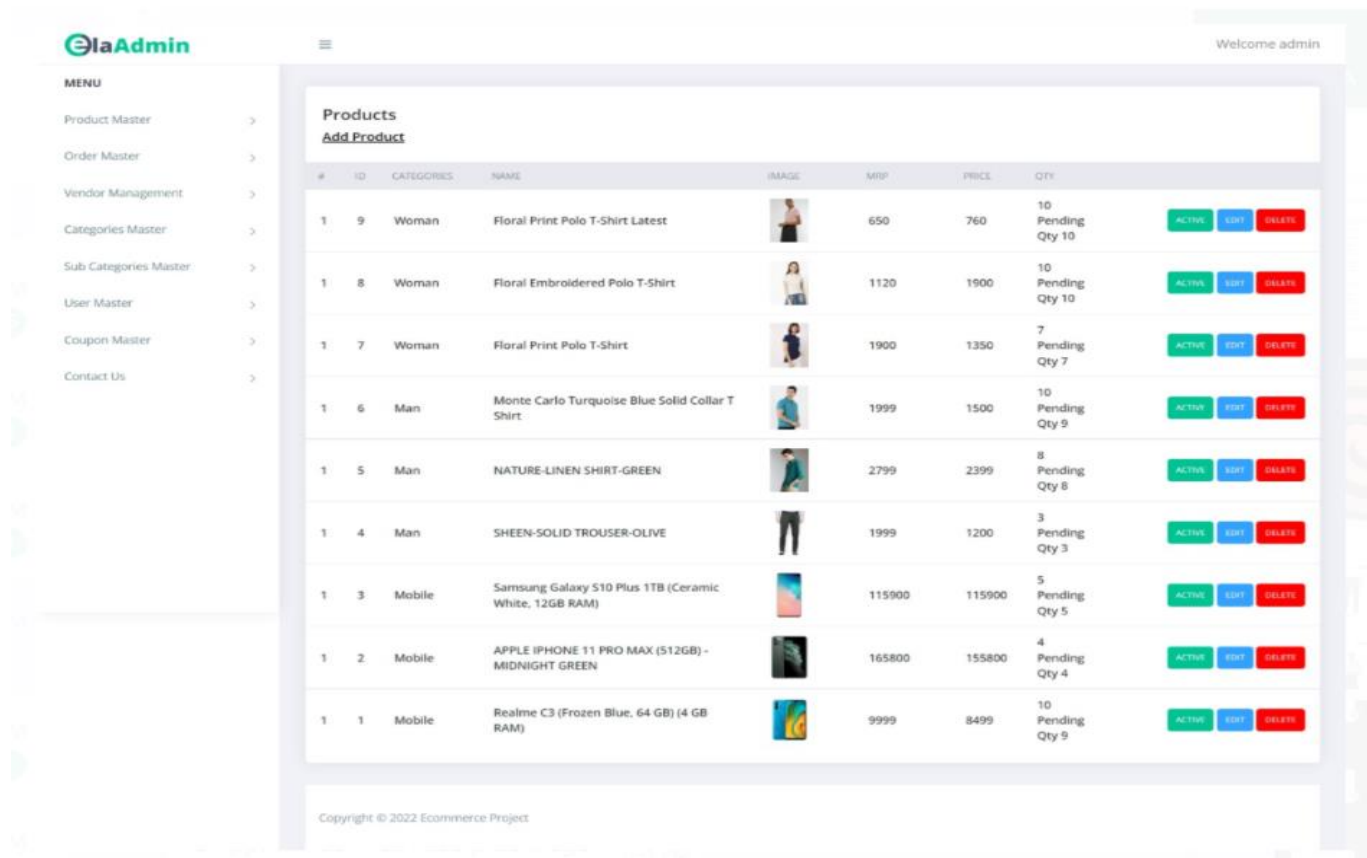
### 5.5.3 Vendor Management



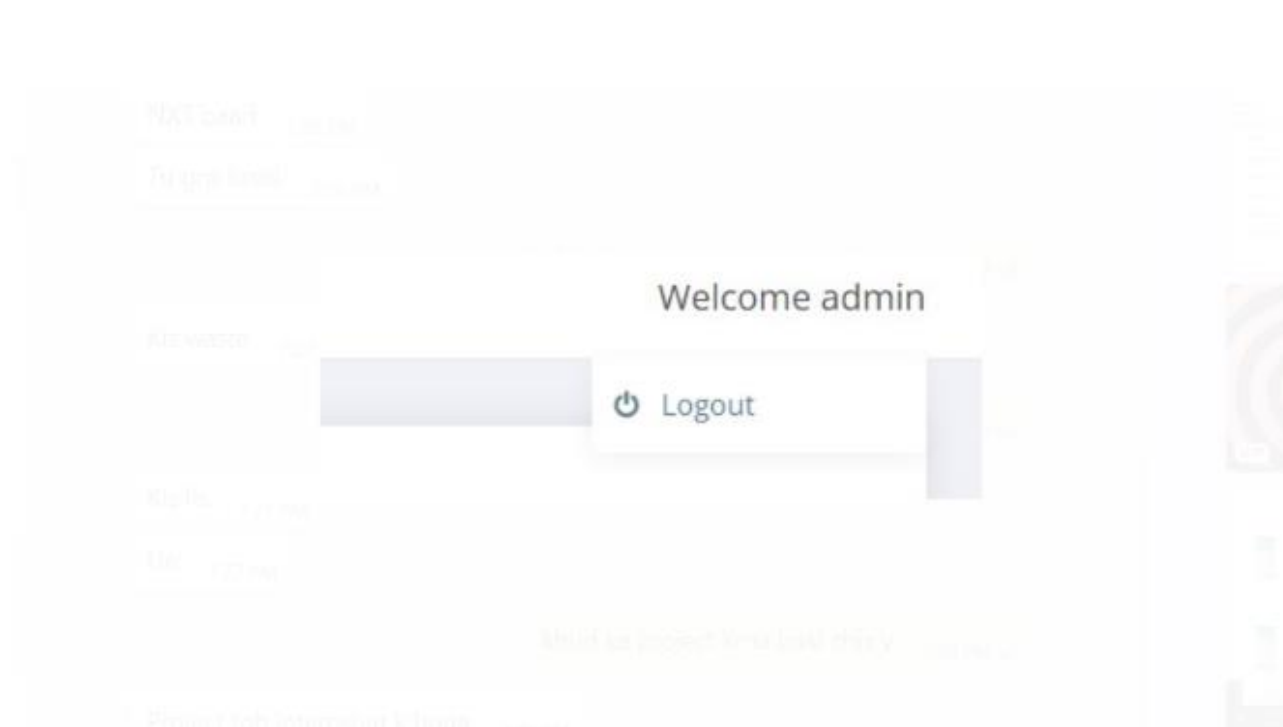
### 5.3.4 Order Master



## 5.5.5 Products



## 5.5.6 Log out Option



### 5.5.7 Contact Us

MENU

Product Master

Order Master

Vendor Management

Categories Master

Sub Categories Master

User Master

Coupon Master

Contact Us

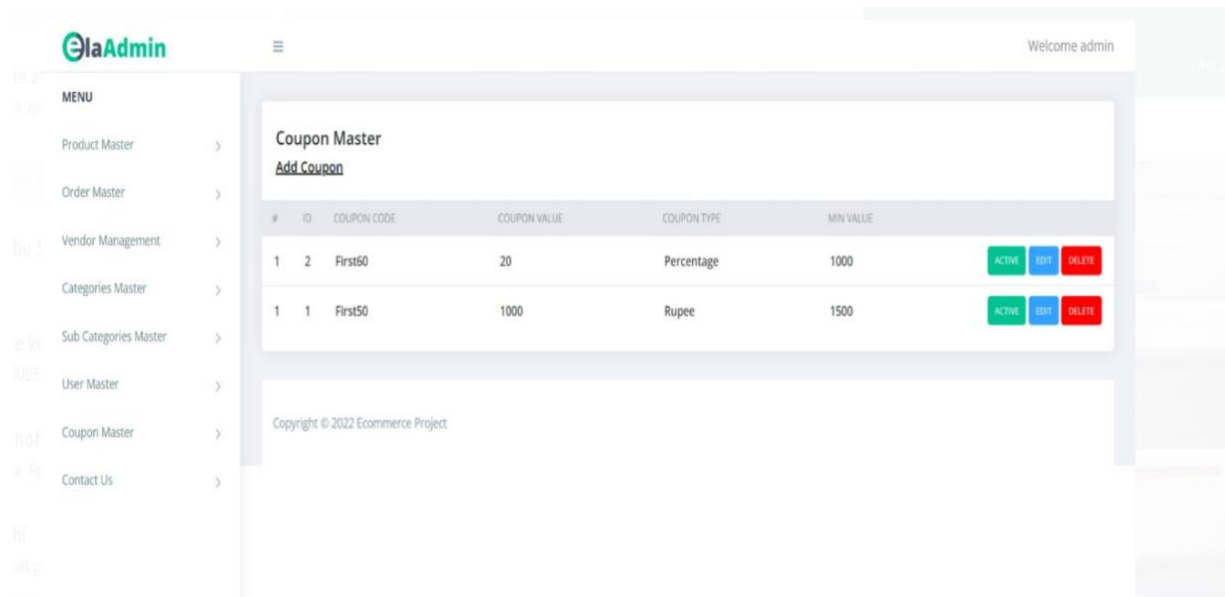
Welcome admin

Contact Us

#	ID	NAME	EMAIL	MOBILE	QUERY	DATE	
1	3	Vishal	Vishal@Gmail.Com	1234567890	Testing	2020-01-19 08:00:09	DELETE
1	2	Vishal@Gmail.Com		1234567890	Testing	2020-01-19 07:59:38	DELETE
1	1	Vishal	Vishal@Gmail.Com	1234567890	Test Query	2020-01-14 00:00:00	DELETE

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### 5.5.8 Coupon Master



### 5.5.9 Home Page Of the Website





HOME MAN MOBILE WOMAN CONTACT

Search | Login/Register |

Home > Products

Default



Monte Carlo Turquoise Blue Solid  
Collar T Shirt  
1999 1500



NATURE-LINEN SHIRT-  
GREEN  
2799 2399



SHEEN-SOLID TROUSER-  
OLIVE  
1999 1200

#### ABOUT US

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim



#### INFORMATION

About us  
Delivery Information  
Privacy & Policy  
Terms & Condition  
Manufacturers

#### MY ACCOUNT

My Account  
My Cart  
Login  
Wishlist  
Checkout

#### OUR SERVICE

My Account  
My Cart  
Login  
Wishlist  
Checkout

#### NEWSLETTER

Your Mail\*

Send Mail



HOME MAN MOBILE WOMAN CONTACT

Search | Login/Register | Cart

Home > Products

Default



Samsung Galaxy S10 Plus 5G  
(Ceramic White, 12GB RAM)  
\$55900 \$55900



APPLE IPHONE 11 PRO MAX  
(512GB) - MIDNIGHT GREEN  
\$55800 \$55800



Realme C2 (Frosted Blue, 64 GB)  
(1 GB RAM)  
\$999 \$499

#### ABOUT US

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim



#### INFORMATION

About us  
Delivery Information  
Privacy & Policy  
Terms & Conditions  
Manufacture

#### MY ACCOUNT

My Account  
My Cart  
Login  
Wishlist  
Checkout

#### OUR SERVICE

My Account  
My Cart  
Login  
Wishlist  
Checkout

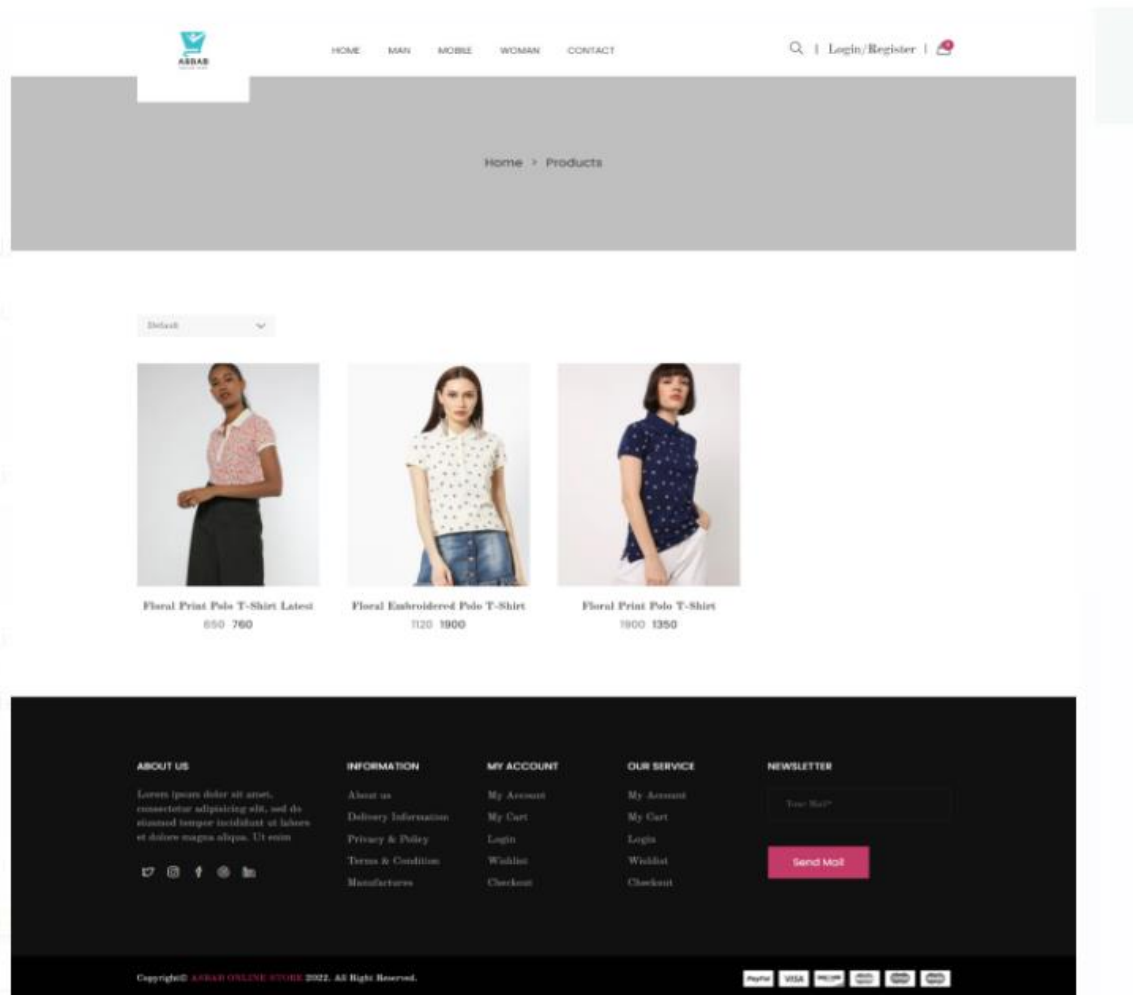
#### NEWSLETTER

Your Email


SEND MAIL

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Home | About | Contact | Privacy | Terms | Sitemap



## 5.5.9 Sending Email Option



HOME | MAN | MOBILE | WOMAN | CONTACT

Q | Login/Register | 

### SEND A MAIL


Your Name\*

Email\*


Mobile\*

Your Message

SEND MESSAGE



### 5.5.10 All Details of Product

Product Name	Product Image	Qty	Price	Total Price
NATURE-LINEN SHIRT-GREEN		1	2399	2399

### 5.5.11 Adding Product to the cart

Reference: 1. 2014年10月1日 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 24:00



2000年 2月

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 103–110

Downloaded At: 11:53 11 September 2009

1999

Chatterjee, S. 1999. *Chatterjee's Music*.

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**THEORY**

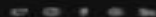


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### Recently Viewed



© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 105–112



BRAND-NAME PLAIN: 100 mg

## References

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100% Satisfaction Guarantee

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26



## Chapter Seven

# Software Testing

- **Why Software Testing is Needed**

Tool-bars work properly? Are all menu function and pull down sub function properly listed? Is it possible to invoke each menu function using a logical assumptions that if all parts of the system are correct, the goal will be successfully achieved? In adequate testing or non-testing will leads to errors that may appear few months later. Testing represents an interesting anomaly for the software engineer. During earlier software engineering activities, the engineer attempts to build software from an abstract concept to a tangible product. Now comes testing. The engineer creates a series of test cases that are intended to “demolish” the software that has been built. In fact, testing is the one step in the software process that could be viewed (psychologically, at least) as destructive rather than constructive. Testing requires that the developer discard preconceived notions of the “correctness” of software just developed and overcome a conflict of interest that occurs when errors are uncovered.

If testing is conducted successfully (according to the objectives stated previously) it will uncover errors in the software. As a secondary benefit, testing demonstrates that software functions appear to be working according to specification, that behavioral and performance requirements appear to have been met. In addition, data collected as testing is conducted provide a good indication of software reliability and some indication of software quality as a whole. But testing cannot show the absence of errors and defects, it can show only that software errors and defects are present. It is important to keep this (rather gloomy) statement in mind as testing is being conducted.

- **Testing Strategy**

There are types of testing that we implement. They are as follows:



While deciding on the focus of testing activities, study project priorities. For example, for an on-line system, pay more attention to response time. Spend more time on the features used frequently. Decide on the effort required for testing based on the usage of the system. If the system is to be used by a large number of users, evaluate the impact on users due to a system failure before deciding on the effort.

This creates two problems

6. Time delay between the cause and appearance of the problem.
7. The effect of the system errors on files and records within the system.

The purpose of the system testing is to consider all the likely variations to which it will be subjected and push the systems to limits. The testing process focuses on the logical intervals of the software ensuring that all statements have been tested and on functional interval is conducting tests to

uncover errors and ensure that defined input will produce actual results that agree with the required results. Program level testing, modules level testing integrated and carried out.

There are two major type of testing they are:

8. White Box Testing.
9. Black Box Testing.

- **White Box Testing**

White box sometimes called “Glass box testing” is a test case design uses the control structure of the procedural design to drive test case. Using white box testing methods, the following tests were made on the system

- All independent paths within a module have been exercised once. In our system, ensuring that case was selected and executed checked all case structures. The bugs that were prevailing in some part of the code were fixed
- All logical decisions were checked for the truth and falsity of the values.

- **Black Box Testing**

Black box testing focuses on the functional requirements of the software. This is black box testing enables the software engineering to derive a set of input conditions that will fully exercise all functional requirements for a program. Black box testing is not an alternative to white box testing rather it is complementary approach that is likely to uncover a different class of errors that white box methods like.

10. Interface errors.
11. Performance in data structure.
12. Performance errors.
13. Initializing and termination errors.

## **Chapter Eight**

# **Conclusion & Future Enhancement**

### **8.1 Conclusion**

This project is only a humble venture to satisfy the needs in a shop. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the organization. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

This website provides a computerized version of shop manipulate system which will benefit theusers as well as the visitor of the shop. It makes entire process online where users can search product, and buy various product. It also has a facility for common user by login into the systemwhere user can login and can see status of ordered item as well request for items or give somesuggestions. It provide the facility of admin's login where admins can add various item, reviewusers activity and also give occasional discount and also add info about different events for thecustomer.

### **8.1 Future aspect**

The project has a very vast scope in future. The project can be implemented on intranet in future. Project can be updated in near future as and when requirementfor the same arises, as it is very flexible in terms of expansion. With the proposed software of database Space Manager ready and fully functional the client is nowable to manage and hence run the entire work in a much better, accurate and errorfree manner.

The following are the future scope for the project.

Should be added payment gateway  
Can be added inventory management system  
Can be added multiple branches  
Can be added multilingual to this site  
And many features can be added this project to make it more robust.

## **References**

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