ONLINE SHOPPING MANAGEMENT SYSTEM

FOR

NS THAKURI STORE

BY

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EXAM ROLL NO: 12270/20

TU REGISTRATION NO:7-2-781-273-2020

GUPTESHWOR MAHADEV MULTIPLE CAMPUS

A Summer Project Report Submitted to

Faculty of Management, Tribhuvan University

in partial fulfillment of the requirements for the degree of

Bachelor of Information Management

Pokhara

December,2024

STUDENT DECLARATION

This is to certify that I have completed the Summer Project entitled "**Online Shopping Management System**" a web-based application, under the guidance of "**Mr. Ramesh Chalise"** in partial fulfillment of the requirements for the degree of **Bachelor of Information Management** at Faculty of Management, Tribhuvan University. This is my Original Work and I have not submitted it earlier elsewhere.

Date:

Name: Nishan Shah

Signature:

CERTIFICATE FROM THE SUPERVISOR

This is to certify that the summer project entitled "Online Shopping Management System" is an academic work done by "Mr. Nishan shah " submitted in the partial fulfillment of the requirement for the degree of Bachelor of Information Management at Faculty of management Tribhuvan University under my guidance and supervision. To the best of my knowledge, the information presented by him in the summer project report has not been submitted earlier.

Signature of the Supervisor

Mr. Suresh Baral

Date:

LETTER OF APPROVAL

ACKNOWLEDGMENT

I would like to express my sincere gratitude and unrestrained appreciation to the college, related teachers and all other related personals for giving me the opportunity and strength. This is a project final report on online shopping management system which is carried out as an ingredient of assignment as specified by the faculty member for the degree of Bachelor of Information Management (BIM), 6th semester.

Sincerely,

Nishan shah

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EXECUTIVE SUMMARY

The Online Shopping Management System presents a sophisticated web-based application tailored for retail businesses, aiming to revolutionize the industry by streamlining operations and enhancing customer engagement.

This innovative platform consists of two primary components: the Admin Panel and the Client-side interface. Customers can seamlessly navigate through a wide range of products, add items to their carts, and proceed to checkout, ensuring an engaging shopping experience with detailed product descriptions and images.

To facilitate personalized interactions and order tracking, customers are required to create accounts. They can conveniently modify shipping details and review order summaries before finalizing purchases.

The Admin Panel provides businesses with full control and visibility. Admins can access comprehensive analytics, monitor and update product listings, manage inventory levels, and track sales performance. The system's intuitive interface facilitates efficient decision-making, driving operational efficiency and revenue growth.

Effective communication between customers and businesses is ensured, with admins able to update order statuses, manage inquiries, and provide real-time updates on order fulfillment.

In summary, the Online Shopping Management System offers a robust and scalable solution for retail businesses, empowering them to thrive in the digital age by modernizing operations and enhancing customer satisfaction through advanced technology and intuitive design.

ABBREVIATIONS

BIM: Bachelor of Information Management

OSMS: Online Shopping Management System

TU: Tribhuvan University

TAM: Technology Acceptance Model

BOPIS: Buy-Online-Pick-Up-In-Store

CHAPTER I

INTRODUCTION

1.1 Background

The writing of a Summer Project report is an essential requirement for graduation from the Faculty of Management, Tribhuvan University. This assignment is an off-the classroom and field-based study project which allows students to reflect and integrate their learning over their five semesters of study. Tribhuvan University is to prepare IT professionals proficient in the use of computers and computational techniques use in order to develop effective information system to solve real life problems in the organizational areas. Project helps to know about the real-life working scenario. It helps to understand about the qualitative data and information used in the organization. This summer project helps students to increase the efficiency in changing technological world. It helps me to know about the operational and functional mechanism of such organization. The candidate can be well prepared for internship program. With the help of this summer project, students can reflect and integrate their learning over their overall semester of study and create an innovative in an area of their interest related to any area of business administration and Information Technology. The main goal of Summer Project is that through the assignment students can gain the new ideas, innovation into the real world. It is an opportunity to grow network and public relation. It helps to develop critical thinking to solve any problem. Therefore, it is most important for the students to work on this project for the self-development of communication skill and experiencing the working environment.

This report is based on the organization visit made to Ns Thakuri Store, Biruta,11, Pokhara. It has been developed based on the inside learnt and observed during the visits to the organization. The problem related to the organization is solved with the help of IT. A website development is made to overcome problem. This project is implemented using HTML, CSS , JS ,Database and PHP. Its main aim is to provide the online shopping System of store through the online. With the help of this project the shop can deliver the Product to their customer around the Pokhara valley.

1.2 Introduction to Organization

NS Thakuri Store is a newly established, forward-thinking entity in the retail sector, specializing in high-quality products such as cameras, watches, and T-shirts. Our organization is founded on the principles of innovation, customer satisfaction, and adaptability to changing market dynamics.

With a visionary owner at the helm, NS Thakuri Store is committed to providing innovative solutions that meet the evolving needs of our customers. Our mission is clear: to offer easily accessible, fast, and top-quality products while maintaining a steadfast commitment to innovation and customer satisfaction.

We take pride in our expertise in selling premium cameras, watches, and T-shirts, ensuring that each product meets our stringent quality standards. As a forward-thinking organization, we recognize the importance of leveraging technology to enhance operational efficiency and elevate the retail experience for our valued customers.

At NS Thakuri Store, we are dedicated to delivering exceptional service and fostering meaningful relationships with our customers. With a focus on continuous improvement and a customer-centric approach, we are poised to become a trusted leader in the retail industry.

As we embark on this journey, we remain steadfast in our commitment to excellence, innovation, and customer satisfaction. We invite you to experience the NS Thakuri Store difference, where quality, innovation, and customer care converge to create an unparalleled shopping experience.

1.3 Current situation of the organization

Currently, NS Thakuri Store operates solely within the Pokhara Valley, focusing on delivering premium cameras, watches, and T-shirts to local customers. However, with an eye towards expansion, the organization aims to penetrate major cities like Kathmandu, Butwal, and Lumbini by launching its online platform. This strategic move will enable NS Thakuri Store to transcend geographical limitations and tap into new markets across Nepal.

By embracing e-commerce, NS Thakuri Store seeks to offer its diverse range of products to customers nationwide, providing convenience and accessibility through online shopping. This expansion aligns with the organization's mission to deliver top-quality products and exceptional service, while catering to the evolving needs and preferences of customers in urban centers. Through targeted marketing efforts and a customer-centric approach, NS Thakuri Store is

poised to establish a strong online presence and capture the attention of consumers across the country, driving growth and success in the competitive retail landscape of Nepal.

1.4 Problem statement

Through detailed research on NS Thakuri Store, several critical issues have been identified:

- **In-person Shopping Requirement:** Customers are currently required to physically visit the store to make purchases, limiting accessibility and convenience. This traditional approach to retail restricts the reach of NS Thakuri Store to customers within the Pokhara Valley, hindering its potential for broader market penetration.
- **Manual Order Processing:** The store relies on outdated methods of order taking, such as pen and paper, which can be inefficient and prone to errors. This manual process not only consumes valuable time but also increases the risk of order inaccuracies and customer dissatisfaction.
- **Limited Sales Reach:** NS Thakuri Store experiences low sales primarily within the confines of the Pokhara Valley. This restricted geographical presence constrains the store's growth potential and prevents it from capitalizing on opportunities in major cities and urban centers across Nepal.

1.5 Objective of the study

The main purpose of "Online Shopping Management System" is to achieve following objectives:

1.5.1 General objectives

The general objectives of the Online Shopping Management System for NS Thakuri Store are to enhance accessibility, improve operational efficiency, increase sales reach, enhance customer experience, optimize resource utilization, and enable data-driven decision making.

1.5.2 Specific objectives

The specific objectives include implementing an online platform, introducing an automated ordering system, expanding market reach, enhancing customer engagement, optimizing inventory management, improving marketing and promotions, and ensuring secure transactions.

1.7 Methodology

It is necessary to include a consideration of the concepts and theories which underlie the methods. methodology is the systematic, theoretical analysis of the methods applied to the study. It compromises the theoretical analysis of the body of the methods and principles associated with a brand of knowledge. There are various methods which can be used to obtain the required information about a particular research topic. Research methodology includes research design, approach, sample size, sampling techniques, sampling criteria, description of

tools, etc. which are then used to analyses and generate findings on research topic. Here, based on the objectives, set of questions were designed for interview and careful observation was conducted which is an important part of software development.

Primary method of data collection was used in gathering information. The interview schedule was administered to the proprietor and employee members of Ns Thakuri store , and there was positive response from the proprietor and members in terms of questions related to the project.

1.7.1 Data and Information

Data are collected through interview, observation and internet. It is collected for the purpose of analysis. Information consists of facts that defines the relationship between pieces of data. Data becomes information after being processed, information gives off facts when data supports it and facts are what data reveals. The data and information are collected from two major sources:

a. **Primary Data In this project,** data have been collected directly through interview and observation. Direct interview was held in proprietor of organization Mr. Prem bahadur shah and directly observation in organization.

b. **Secondary Data In this project**, the data and information are also collected through the secondary sources like internet, newspaper, magazines, books, reports, etc.

c. **Work Process Observation** The working mechanism of the organization was observed closely. It gives the idea about the working system of organization.

1.7.2 Project framework

The Online Shopping Management System(OSMS) is based on the Iterative model of system development. I have chosen this methodology of system development because the implementation of the Waterfall model requires a clear and complete understanding of all the requirements of the Online Shopping Management System in advance. The Iterative and Incremental model of system is a combination of both iterative and incremental models. So, by using the Iterative model, the Online Shopping Management System will be developed with the basic parts of the system and will be reviewed for further enhancements. A new version will be produced iteratively until an executable system that meets the requirements is produced.

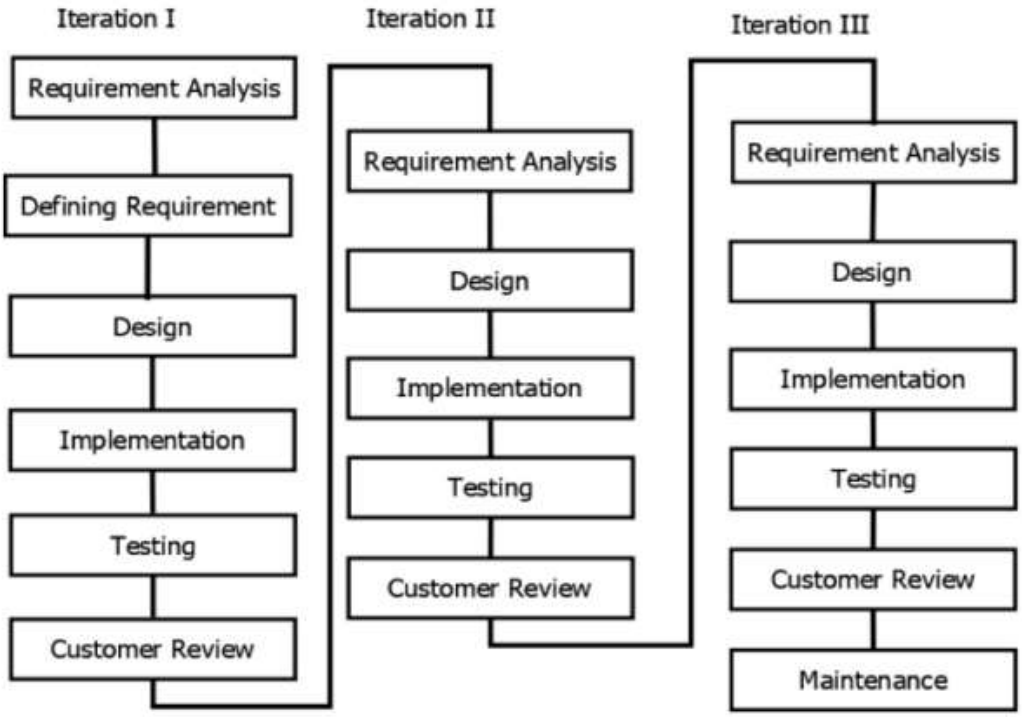

*Figure 1:*Iterative model of OSMS

1.7.3 Tools and technologies used

The tools used in this system development includes:

Visual Studio code Text: Coding Purpose

PhpMyAdmin: Database Design

UML diagram maker: diagram

Visio: Use case and ER Model.

1.7.4 Tools used for Data Collection

It is the most important part of the development process. It provides the information about the requirement that the users want in the system or expecting from it. Requirement has been be gathered by using various techniques. Some of the techniques are as follow:

- **Interview**: It is the most commonly used requirement gathering technique where we interviewed with Mr. prem bahadur shah owner of an organization and gather the information that he wants in the system.

The information is collected based on questionnaire to gather information.

Questionnaire:

Does the store use any kind of web application?

What tools was used to record information about the product order, and product sales report before implementing software?

What are the drawbacks of manual shopping system?

- **Observation**: Observation is another technique for gathering information. The activities on the organization were observed and analyzed accordingly. I have visited the organization to observe and find out the reliable information that will be useful for the project.

- **Internet Research:** The internet is a compelling tool for research. It enables efficient, cost-efficient data collection and facilitates access to large sample of data. Internet play a vital role during this project.

CHAPTER II

TASK AND ACTIVITIES PERFORMED

2. Literature Review

A comprehensive literature review on online shopping management systems explores several interconnected themes, notably consumer behavior, technological factors, and logistical considerations.

Consumer behavior in online shopping is influenced by the convenience of 24/7 access, the ability to compare prices, and a broader range of available products. Specific situational factors, such as the need for unique or hard-to-find items, also drive online purchases. Previous positive experiences significantly reduce perceived risks and enhance the likelihood of future online shopping. The Technology Acceptance Model (TAM) is often used to analyze online shopping behavior, emphasizing that perceived ease of use, usefulness, enjoyment, and trust are critical to shaping consumer attitudes and intentions. Trust-building measures, including clear privacy policies and third-party certifications, are essential to minimize perceived risks associated with online shopping.((Stanley Frederick W.T. Lim, n.d.)) (Emerald Insight) (Emerald Insight)

The characteristics of products significantly affect online shopping behaviors. Items that do not require physical inspection, such as books and electronics, are more likely to be purchased online. Conversely, products needing physical evaluation, like clothing and personal care items, are less frequently bought online unless consumers have prior positive experiences with the product or retailer. The convenience and privacy provided by online shopping can be particularly appealing for specific products, such as medicines or sensitive items. (OpenEdition Journals)

Logistical considerations, especially innovations in last-mile delivery, are crucial for enhancing the online shopping experience. Efficient last-mile logistics, such as buy-online-pick-up-in-store (BOPIS) and automated delivery solutions, significantly influence customer satisfaction and loyalty. Implementing these systems requires careful planning and a deep understanding of consumer preferences and technological capabilities. Last-mile logistics are a key differentiator in e-commerce, impacting overall customer experience and retention. (Emerald Insight).

Despite the rapid growth of online shopping, several challenges remain, such as ensuring data privacy and security, managing returns efficiently, and maintaining consistent delivery performance. Future research should focus on integrating emerging technologies like artificial intelligence and blockchain to address these challenges and further improve the online shopping experience. (OpenEdition Journals) (Emerald Insight).

In summary, understanding consumer behavior, leveraging technology effectively, and establishing robust logistical frameworks are critical for the success of online shopping management systems. These factors work together to enhance customer satisfaction and drive the continued growth of e-commerce.

2.1 Analysis of task, activities, problem issues

2.1.1 Analysis of task

Many tasks and activities had performed which had helped to fulfil the main objective of our project. Major objectives of the project were to get the information about the use of technology in one the organization in the country. Some of the tasks that is performed is given below:

I. Organization Selection

Selection of an organization is an important decision for the project, as the type of organization dictates the majority of the requirement for a system. After some research and visiting different local organizations, "Ns Thakuri store" was selected for the project

II. Getting the Information about the Organization

After the selection of the organization, the other task was to gather relevant information about the store. The main techniques that were used for this purpose was direct observation of the procedures caried out by each of the staff members of the organization. Further information was collected through the direct interviewing with the owner and staff members of organization with relevant questions.

2.1.2 Problem and issue

Following ER-diagram will try to solve the problems and issues of this problem.

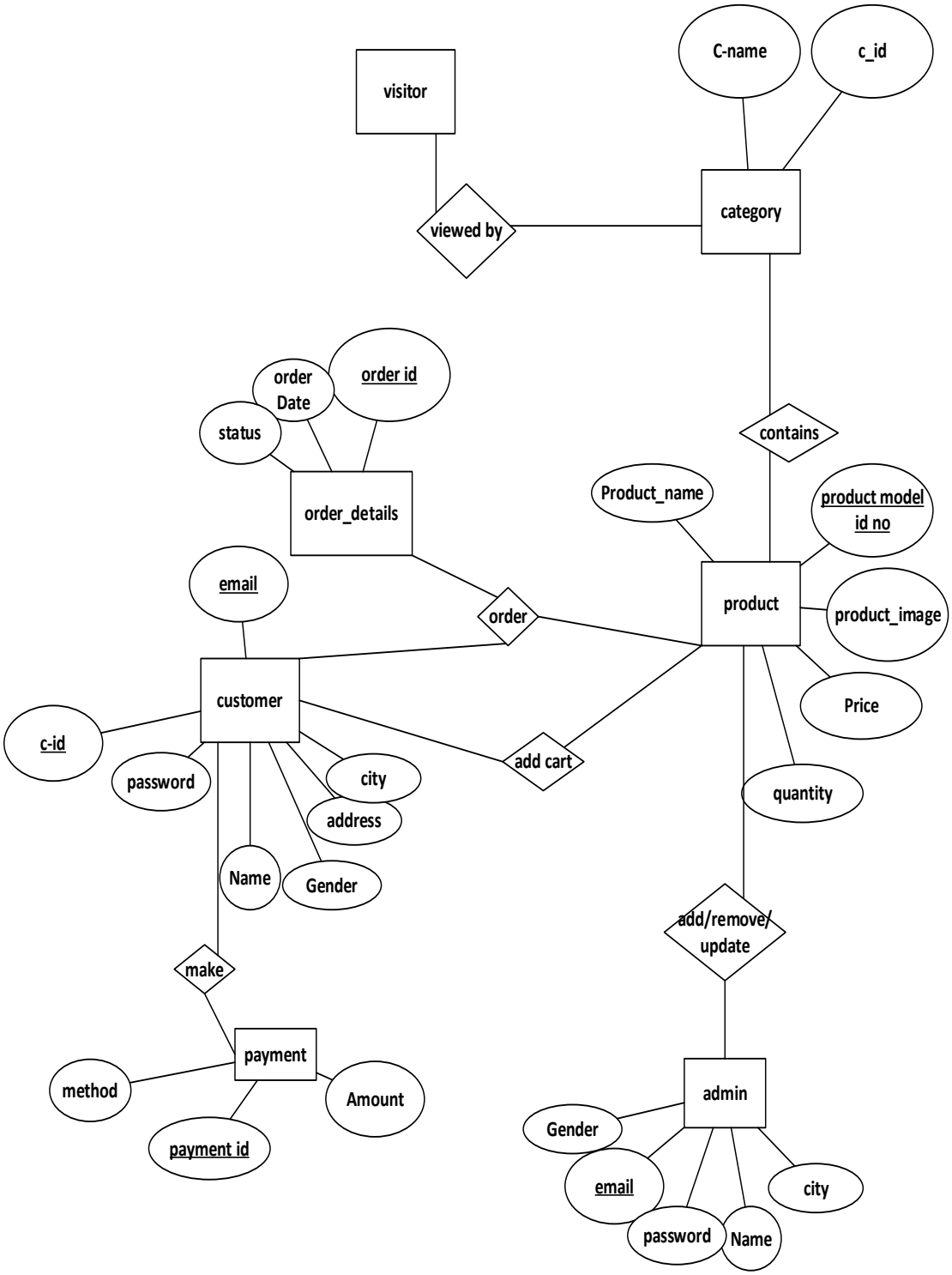

*Figure 2:*ER diagram

ER-Diagram Description

ER Diagram stands for Entity Relationship Diagram, also known as ERD is a diagram that displays the relationship of entity sets stored in a database. In other words, ER diagrams help to explain the logical structure of databases. ER diagrams are created based on three basic concepts: entities, attributes and relationships.

2.2 Analysis of possible solution

An online shopping management system aims to streamline the process of purchasing goods over the internet. It provides users with an intuitive interface to browse products, place orders, and manage their shopping activities while offering administrators tools to manage product listings, orders, and customer interactions.

2.2.1 Requirement Analysis

The main objectives of requirement analysis are to identify and evaluate the requirement of the proposed system. It helps to know about user requirement, system requirements and non-functional requirements for 'Online Shopping Management System. It helps me understanding the needs of both users and administrators to create a comprehensive system. This process includes gathering requirements through stakeholder meetings, surveys, and market research to identify key functionalities and expectations from the system.

2.2.2 Functional Requirement

It describes the functions of system and its components. These are the statement of the system should interact with the particular inputs, and how the system should behave in a specific situation which is as follows:

a. **User Registration and Authentication:** The system must allow new users to register and existing users to log in securely.
b. **Product Catalog Management:** The system should enable the addition, modification, and deletion of product listings.
c. **Search and Filter**: Users should be able to search for products and filter results based on various criteria like price, category, and ratings.
d. **Shopping Cart**: The system needs to provide a shopping cart where users can add or remove items before checkout.
e. **Admin Dashboard**: Administrators need a dashboard to manage products, view orders, and handle customer queries.
f. **User Reviews and Ratings**: Users should be able to leave reviews and ratings for products they have purchased.

Order Processing: Users should be able to place orders, track the status of their orders, and receive notifications about their order status.

Functional Requirements can be briefly described by the help of Use-Case Diagram which is shown below:

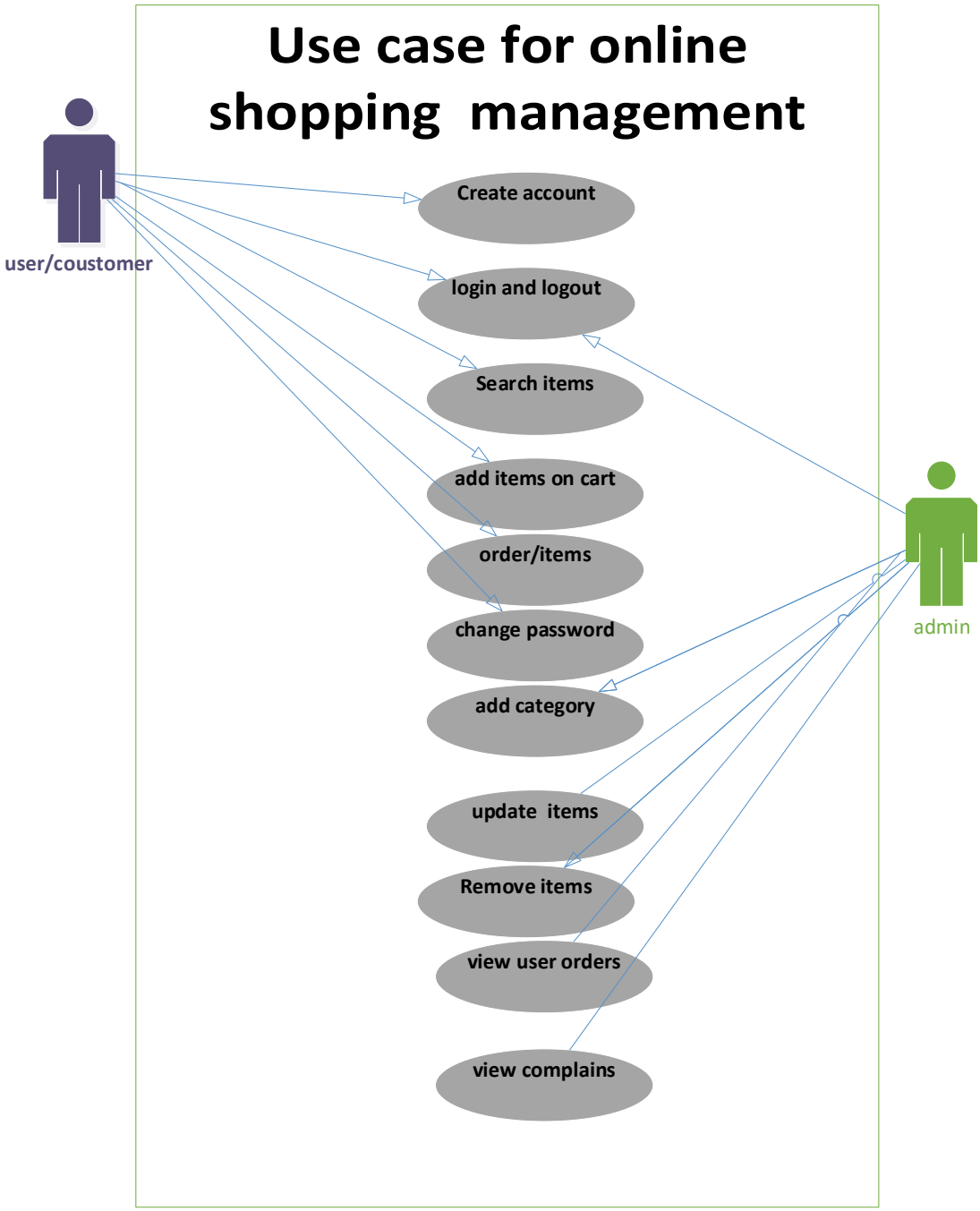

*Figure 3:*Use Case Diagram

2.2.3 Non-Functional Requirement

Non-functional requirement are the constraints on the services or functions offered by the system such as timing constraints, constraints on the development process, standards, etc. Non-functional requirement are additional requirements, which describes additional requirement needed to meet the functional requirement of the user. Non-functional requirements may be more critical than functional requirement. If these are not met, the system is useless. Major non-functional requirement is:

- The system shall be easier to use with better GUI.
- The system shall be secured enough to operate.
- The system should be affordable.
- The system shall be fast enough to process the data.

2.2.4 Software Requirement

Table 1.

Software Requirement

Software	**Purpose**
Visual studio Code:	In order to design layouts and to write code.
MYSQL	In order to establish communication between data and database.
Microsoft-word:	To write documentation of project.
Microsoft Visio:	In order to draw the diagram of ER-diagram, Use-case, Sequence diagram, Class-diagram and so on.

2.2.5 Solution Design

Solution design is initial phase of physical deployment of any solution, which shows the process of system functioning.

2.2.5.1 Class Diagram

A class Diagram is a UML diagram that represents a static view of the system. It is composition of different classes that are linked to each other through association. Solution Design can be describing with the help of shown class Diagram:

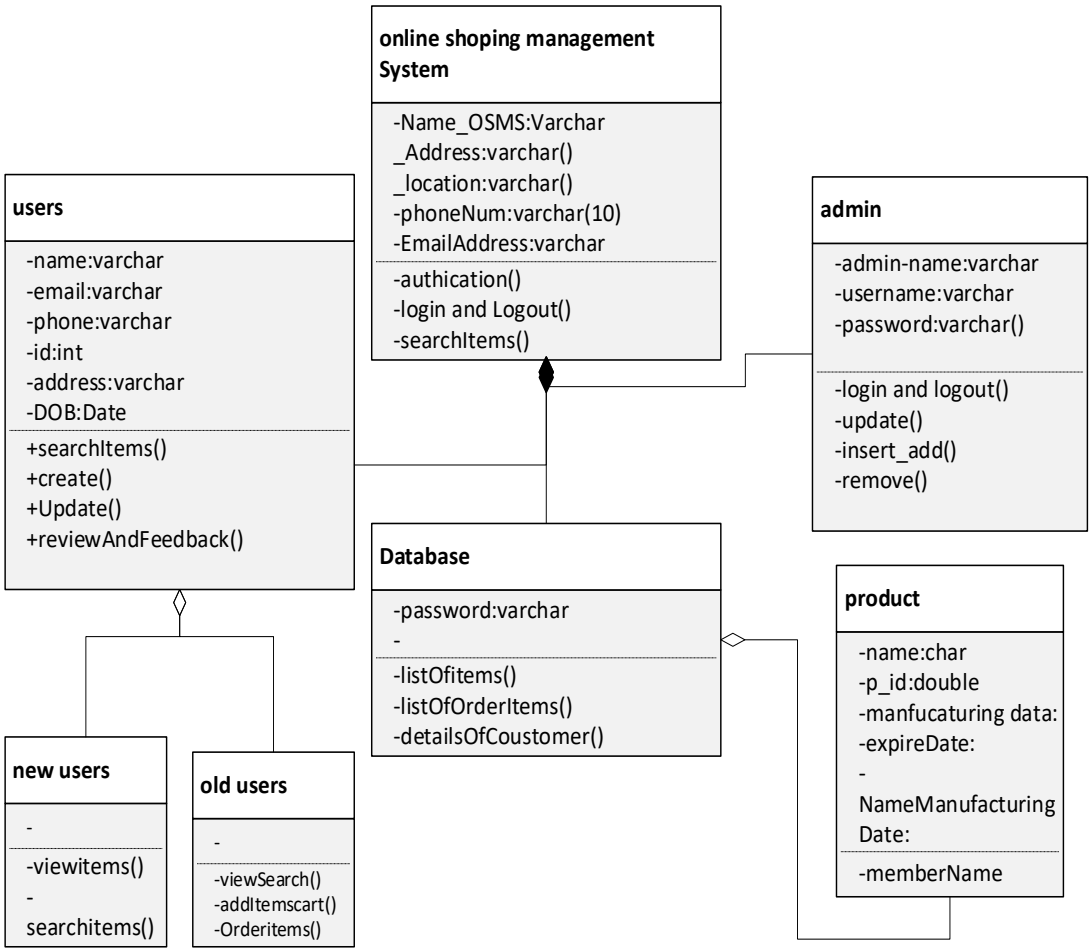

*Figure 4:*Class Diagram

2.2.6 System Design Diagram

Sequence Diagram

Sequence diagram are dynamic modeling approaches used in object oriented based projects. The sequence diagram shows the communication between the system objects or classes. Sequence diagram is shown below:

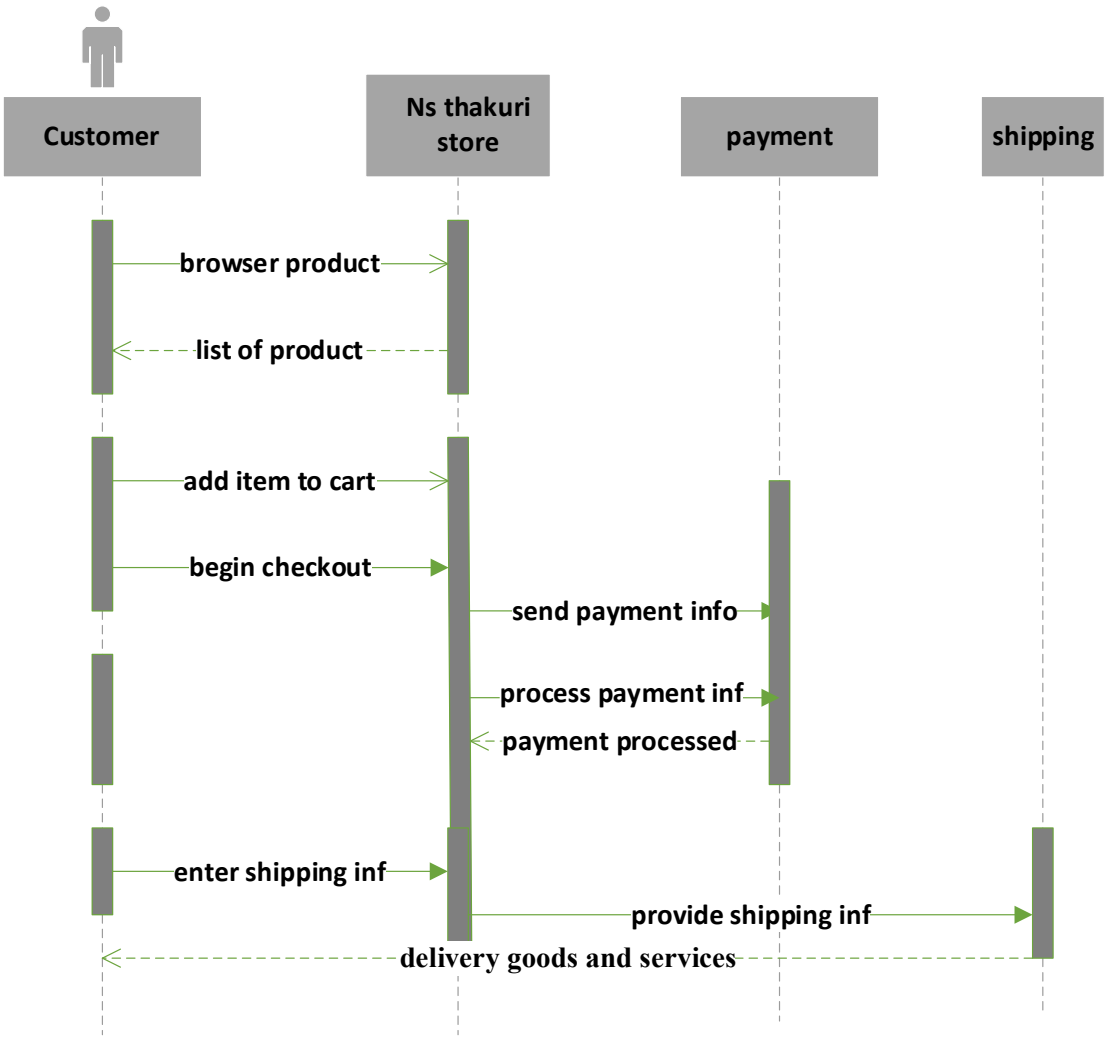

*Figure 5:*Sequence Diagram

Activity Diagram

Activity diagram is another important diagram in UML to describe the dynamic aspects of the system.

Activity diagram is basically a flowchart to represent the flow from one activity to another activity. The activity can be described as an operation of the system.

The control flow is drawn from one operation to another. This flow can be sequential, branched, or concurrent. Activity diagrams deal with all type of flow control by using different elements such as fork, join, etc.

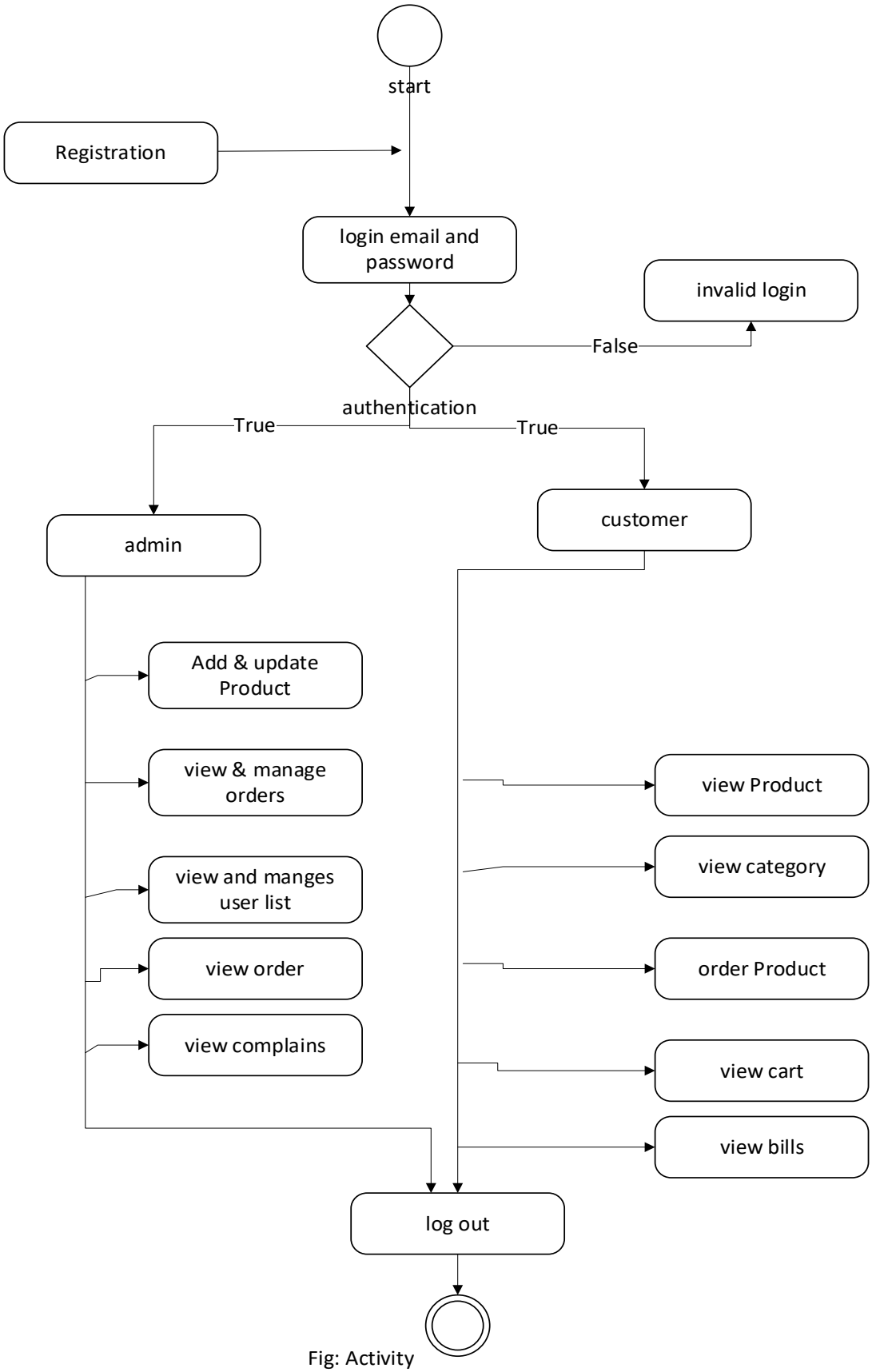

Fig: Activity Diagram

*Figure 6:*Activity Diagram

2.2.7 Testing

In this phase, tests will be conducted in accordance with the Software Requirement specification to meet the standards. The prime focus remains on the empty field's submission, direst passing the query string. The test will be performed for each module for its proper functionality.

Testing is the process where the code along with system is tested during the software development phase. Similarly, it is the process of findings the faults in the software development process. The test result may be negative. The positive test result shows that there is error free in the system where as the negative test result indicates the error in the system. The testing also continues after the user uses the product.

Project Name: Online Shopping Management System

Module Name: Login

Table 2*:Login Testing: Valid Case*

Test case ID	**Test Scenario**	**Test Case**	**Pre-condition**
TC_login_1	To test if appropriate message is displayed when admin login without appropriate username and password	Enter valid username and password	Need a valid username and password to login
Test Steps	**Test Data**	**Expected Status**	**Actual Result**
Enter username Enter Password	<valid username> <valid password>	Successful login	Admin inside main window

Module Name: Add Product

Table 3*:Add product Testing Valid Case*

Testcase ID	**Test Scenario**	**Test Case**	**Pre-Condition**
TC_add_Product_1	To test if appropriate data entered is correct or not	on the click of insert button	Fill all the fields with proper data
Test Steps	**Test Data**	**Expected Status**	**Actual Result**
1.Enter product name	<valid name >	Successful entry	Reported Successfully
2.Enter price	<Valid price>		
3.select Product category	<Valid category>		
1.Insert image file	<Valid jpg , PNG , size of image>		

CHAPTER III

DISCUSSION AND CONCLUSION

3.1 Discussion

The project covers the problem that was identified during the organization visit and the solution to the problem was solved by developing software. The system can provide the information like product details ,price of Product , image of the product, etc. The system is assumed very helpful to the organization.

3.2 Conclusion

The system was successfully completed in time as per the objectives. After the evaluation of system within the field, the system is expected to fulfill all the requirements.

The evaluation from citizens of this system in field proved that the system will turn out very effective and convenient to use.

This summer project helped to acquire the practical knowledge about the working procedure in the organization at a real time. In conclusion this project helped me to enhance skill and learning as well as helped me to gain abilities to work in real environment.

It was a great learning experience. I have tried my best for the successive completion of this project and making it easy to understand, simple, and effective. In conclusion this project helped to enhance skill and learning.

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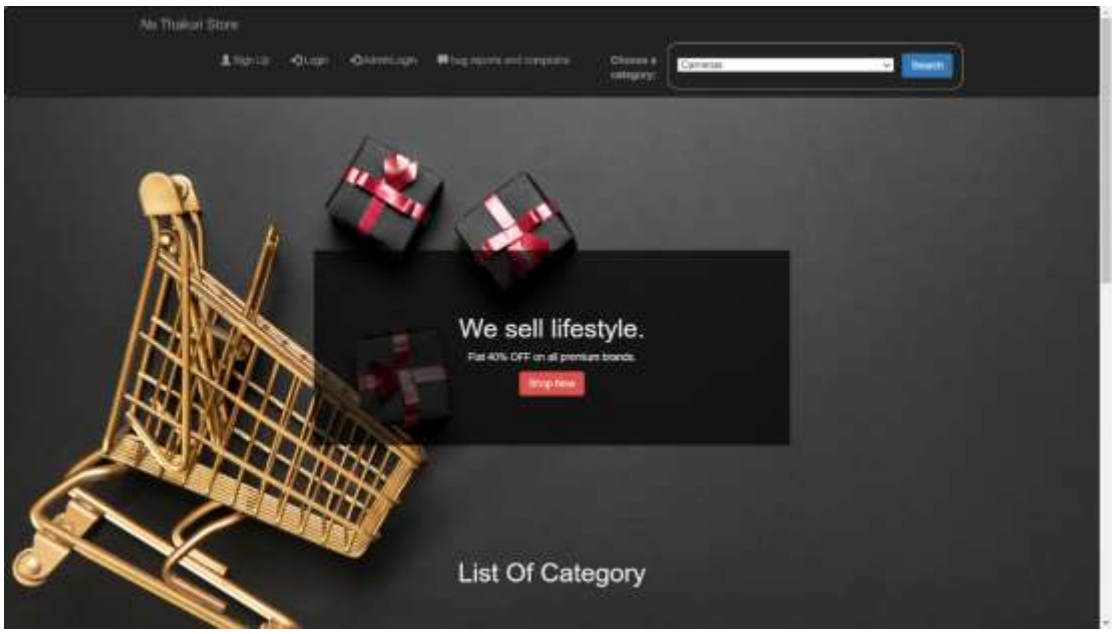
Appendices I

Home page



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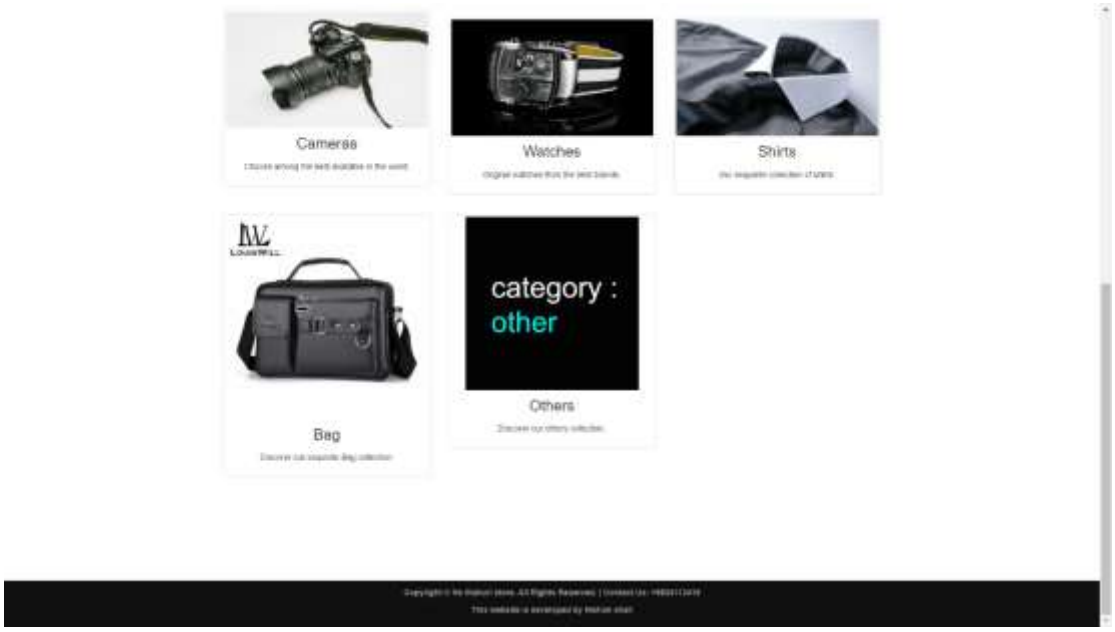
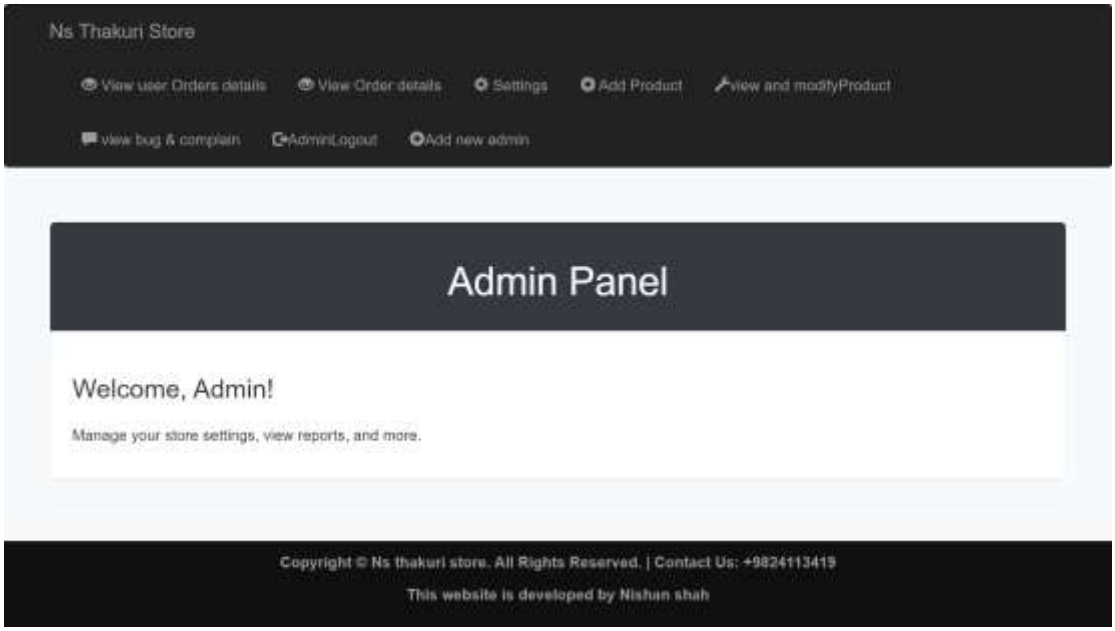


Admin Pannel


Ns Thakuri Store
View user Orders details
View Order details
Settings
Add Product
view and modifyProduct
view bug & complain
AdminLogout
Add new admin
Admin Panel
Welcome, Admin!
Manage your store settings, view reports, and more.
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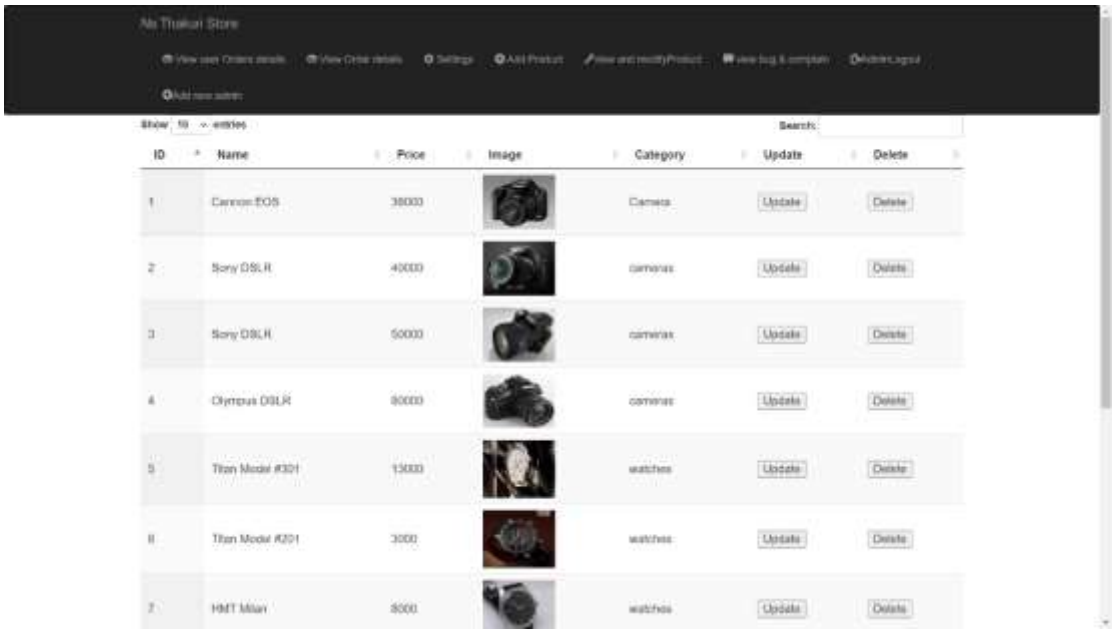
This website is developed by Nishan shah


Ns Thakuri Store
Search:
ID
Name
Price
Image
Category
Update
Delete
1
Cannon EOS
38000
Camera
Update
Delete
2
Sony DSLR
40000
cameras
Update
Delete
3
Sony DSLR
50000
cameras
Update
Delete
4
Olympus DSLR
80000
cameras
Update
Delete
5
Titan Model #301
13000
watches
Update
Delete
6
Titan Model #201
3000
watches
Update
Delete
7
HMT Milan
8000
watches
Update
Delete

Appendices II

Code

Login validation code

```
<?php
    require 'connection.php';
error_reporting(0);
    //1.session setup
    session_start();
    //2.form Data Handling
    $email=mysqli_real_escape_string($con,$_POST['email']);
     //mysqli_real_escape_string() to prevent SQL injection attacks.
    $regex_email="/^[_a-z0-9-]+(\.[_a-z0-9-]+)*@[a-z0-9-]+(\.[_a-z0-9-]+)*(\.[a-z]{2,3})$/";
    //it defines a regular expression ($regex_email) to validate the email format.

    //3.Email Formate Validation
    if(!preg_match($regex_email,$email))
    {
        echo "Incorrect email. Redirecting you back to login page...";
        ?>
        <meta http-equiv="refresh" content="2;url=login.php" />
        <!-- If the email format is incorrect,
         it displays an error message and redirects the user back to the login page after 2
seconds using HTML meta refresh. -->
        <?php
    }
    //p.password Handling
    $password=md5(md5(mysqli_real_escape_string($con,$_POST['password'])));
    //sanitizes it and then hashes it twice using MD5
    if(strlen($password)<6){
        echo "Password should have atleast 6 characters. Redirecting you back to login
page...";
         // Redirect user to login page after 2 seconds
        ?>
        <meta http-equiv="refresh" content="2;url=login.php" />
        <?php
    }
    $user_authentication_query="select id,email from users where email='$email' and
password='$password'";
    $user_authentication_result=mysqli_query($con,$user_authentication_query) or
die(mysqli_error($con));
    $rows_fetched=mysqli_num_rows($user_authentication_result);
    if($rows_fetched==0){
        //no user
        //redirecting to same login page
        ?>
```

```
        <script>
            window.alert("Wrong username or password");
        </script>
        <meta http-equiv="refresh" content="1;url=login.php" />
        <?php
        //header('location: login');
        //echo "Wrong email or password.";
    }else{
        $row=mysqli_fetch_array($user_authentication_result);
        $_SESSION['email']=$email;
        $_SESSION['id']=$row['id'];  //user id
        header('location: products.php');

        // <meta http-equiv="refresh" content="6;url=products.php" />

    }

?>
```

products.php

```
 <div class="row">
            <?php
            $query = "SELECT * FROM `items`";
            if (isset($_GET['search']))
            {
                $search = mysqli_real_escape_string($con, $_GET['search']);
                // $query = "SELECT * FROM `items` WHERE `name` LIKE '%$search%'";
                $query = " SELECT * FROM `items`
                                WHERE `name` LIKE '%$search%'
                                OR `price` LIKE '%$search%'
                                OR `image` LIKE '%$search%'
                                OR `category` LIKE '%$search%'";

            }
            $result = mysqli_query($con, $query);
            while ($row = mysqli_fetch_array($result)) {
                $image = $row['image'];
                $id = $row['id'];
                $name = $row['name'];
                $price = $row['price'];
            ?>
            <div class='col-md-3 col-sm-8'>
                <div class='thumbnail'>
                    <img src='uploads/<?php echo $image; ?>' alt='<?php echo $name; ?>'>
                    <div class='caption'>
                        <h3><?php echo $name; ?></h3>
                        <p>Price: Rs. <?php echo $price; ?>.00</p>
                        <?php if(!isset($_SESSION['email'])) { ?>
                            <p><a href='login.php' role='button' class='btn btn-primary btn-
block'>Buy Now</a></p>
                        <?php } else {
                            if(check_if_added_to_cart($id)){
                                echo '<a href="#" class="btn btn-block btn-success
disabled">Added to cart</a>';
                            } else { ?>
                                <a href="cart_add.php?id=<?php echo $id; ?>" class="btn btn-
block btn-primary">Add to cart</a>
                            <?php }
                        }?>
                    </div>
                </div>
            </div>
            <?php } ?>
        </div>
    </div>
```

Category.php

```
<?php
    // require_once("connection.php");
    $query="SELECT * FROM `items` where category= '$category'";
    if (isset($_GET['search']))
    {
        $search = mysqli_real_escape_string($con, $_GET['search']);
        // $query = "SELECT * FROM `items` WHERE `name` LIKE '%$search%'";
        $query = " SELECT * FROM `items`
                        WHERE `name` LIKE '%$search%'
                        OR `price` LIKE '%$search%'
                        OR `image` LIKE '%$search%'
                        OR `category` LIKE '%$search%'";

    }
    $result=mysqli_query($con,$query);
    while($row=mysqli_fetch_array($result))
    {
        $image=$row['image'];
        $id =$row['id'];
        $name=$row['name']  ;
        $price= $row['price'];
    ?>
    <div class='col-md-3 col-sm-8'>
        <div class='thumbnail'>

            <img src='uploads/<?php echo $image; ?>' alt='<?php echo $name; ?>'>
            <div class='caption'>
                <h3><?php echo $name; ?></h3>
                <p>Price: Rs. <?php echo $price; ?>.00</p>
                <?php if(!isset($_SESSION['email'])) { ?>
                    <p><a href='login.php' role='button' class='btn btn-primary btn-block'>Buy
Now</a></p>
                <?php } else {
                    if(check_if_added_to_cart($id)){
                        echo '<a href="#" class="btn btn-block btn-success disabled">Added to
cart</a>';
                    } else { ?>
                        <a href="cart_add.php?id=<?php echo $id; ?>" class="btn btn-block btn-
primary">Add to cart</a>
                    <?php }
                }?>
            </div>
        </div>
    </div>
    <?php } ?>
```