Tribhuvan University

Faculty of Humanities and Social Science

TREKKING GEARS RENTAL

A PROJECT REPORT

Submitted to

Department of Computer Application

Chitwan College of Technology

In partial fulfillment of the requirements for the Bachelors in Computer Application

Submitted by

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AUG, 2023

Under the Supervision of

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Tribhuvan University

Faculty of Humanities and Social Science

Chitwan College of Technology

SUPERVISOR'S RECOMMENDATION

I hereby recommend that this project prepared under my supervision by **Suman Khatri** entitled "**TREKKING GEARS RENTAL**" in partial fulfillment of the requirements for the degree of Bachelor of Computer Application is recommended for the final evaluation.

…….

Ram Binay Gupta

SUPERVISOR

Lecturer

Department of Computer Application

Chitwan College of Technology

Bharatpur-11, Nepal

Date:

ABSTRACT PAGE

This project "TREKKING GEARS RENTAL" is used to automate all process of the renting equipment, which deals with creation, renting and confirmation and user details. The project is designed React js as front end and Laravel, Microsoft SQL Server 2008 as backend which works in any browsers. The coding language used Java script, CSS and PHP. Trekking gears rental system is used to rent equipment from anywhere in the world by a single dynamic website which will help the user to know all about the equipment details in a single website. The admin can add equipment to the website that exist in the shop. Then the users can sign in and rent each equipment, they can be confirmed by the admin in their orders page. The user can see the confirmation in their booking page. It is an easiest platform for all trekkers and hikers which can make renting easy and affordable.

Keywords: Trekking gears rental, equipment, React js, Laravel, Java script, CSS, PHP.

ACKNOWLEDGEMENT

I'd like to take a great opportunity to express our sincere thanks to our supervisor Mr. Ram Binay Gupta for his invaluable support throughout our project research work. Without his kind guidance, this was not possible.

I'm grateful to Mr. Ramji Subedi for his initial guidance and regular feedback which was a breakthrough for me to initiate the project. I've followed his guidelines and experimented with the suggestions he provide in order to complete the project efficiently.

I'd like to thank my Supervisor Mr. Ram Binay Gupta for his kind support, coordination, valuable supervision, encouragement and co-ordination in helping me complete the project entitled "TREKKING GEARS RENTAL".

I'd also like to thank Mr. Ravi Tiwari Head of Department of Chitwan College of Technology for providing an outstanding academic environment throughout project research work.

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LIST OF ABBREVIATION

CSS	Cascading Style Sheets
DFD	Data Flow Diagram
ER Diagram	Entity Relationship Diagram
GUI	Graphical User Interface
Info	Information
JS	JavaScript
MySQL	Open sourced relational database management system
PHP	Hypertext Preprocessor
XAMPP	Cross-platform, Apache, MYSQL, PHP, Pearl

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Chapter 1: Introduction

1.1. Introduction

Trekking Gears Rental is the website where costumer can rent any Trekking equipment's simply by clicking. This website provide reliable and affordable equipment's. Bringing affordable and trusted equipment that consumer can rent instantly. This site also provides several dynamic features.

1.2. Problem Statement

Some of the Existing problems we have identified in trekking gears rental are:

i. Buying trekking gears can really be costly if you are buying all of the products at a time or at first.
ii. Change of the size of the products such as shoes, jacket, etc which can't be a change if we buy the product.
iii. Different situations needs different types of products.
iv. Change of preference or taste.

1.3. Objectives

To solve the existing problems in trekking gears rental. Our objectives for this project are:

i. To make renting easy and affordable as we know renting is easy alternative to buying expensive products.
ii. To provide required size for customer as size can easily be altered according to their requirement.
iii. To make easy adaptation according to the requirement.
iv. To make easy alteration according to the change of preference.

1.4. Scope and Limitation

Nepalese people are so sensitive in terms of price and service quality. So this website is develop for providing quality services in affordable price. This website helps to promote tourism of Nepal as it makes trekking and hiking affordable by decreasing the budget for buying individual equipment's.

Limitations:-

i. Not all people use them.
ii. Unable to use without internet knowledge.

.

1.5. Development Methodology

We have chosen Agile Development Methodology for our project because development is divided into small iterations called Sprints. This is a better development methodology due to its continuous planning, testing, integration, risk evaluation and control on the progress of the project and thereupon reduces the chances of project failure.

Agile is used to plan quickly, develop quickly, release quickly and revise quickly.

In Agile, a project is converted into small parts known as Sprints. Each sprint can be completed using waterfall steps like; Conception, Initiation, Analysis, Design, Construction, Testing, Implementation and finally Maintenance.

Principles

- Provide rapid feedback
- Adopting simplicity
- Changing incrementally
- Embracing change
- Encouraging quality work

Three phases of our system are:

- Registration Phase:

  At first Admin has to insert all equipment details like equipment name, brand, image, price into the database using our web application. Then for the registration of the user they have to insert personal details like name, Email, password into database.

- Training Phase:

  When the Admin credentials are filled and login is pressed our training begins. The system extract all the data from database and automatically display the data in admin dashboard like add category, view category ,add products, view products, user details, orders, returns. As for user they are directed to the website for product surfing where they can view product, add them to cart, order them, return them.

- Testing Phase:

  After that admin can add and manage products and users as per desire/requirement. As for the user they can buy products, pay for them and return them. This all can only be possible after the user/admin credentials are matched as in database.

Table 1.5.1: Gantt Chart

Weeks / Phase	1	2	3	4	5	6	7	8	9	10	11	12
Study and analysis	1W											
Feasibility study		2W										
Data fetching & Coding					4W							
Implementation & testing						3W						
Documentation					9W							
Review			1W								1W	
Presentation			1W									1W

1.6. Report Organization

This project consists of five chapters. These chapters are classified to make documentation of the project more transparent. A brief description about the contents of each chapter is given in the following paragraphs:

Chapter 1: Introduces project, mentions statement of problem, point out objectives, development methodology and defines project scope and limitation.

Chapter 2: Provides the reader with an overview of the literature review or study of existing web sites and background study.

Chapter 3: Displays the requirements elicitation which includes (functional requirements, nonfunctional requirements). feasibility analysis. System Modelling which includes (structured approach) like Data flow diagram, Entity Relationship Diagram. System Design which also includes (structured approach) like architecture design database schema design, interface design, physical DFD.

Chapter 4: Defines implementation and testing.

Chapter 5: Displays conclusion, lesson learnt/outcome and future recommendation.

Chapter 2: Background Study and Literature Review

2.1. Background Study

As Trekking is a popular adventure activity in Nepal, attracting a significant number of tourists and local trekkers each year. As travelers from around the world and local enthusiasts explore the breathtaking landscapes and trails of the Himalayas, they require specialized trekking gear to ensure a safe and enjoyable experience. However, carrying bulky trekking equipment during international or domestic travel can be cumbersome. Additionally, finding reliable rental options upon arrival at the trekking destinations can be challenging, leading to potential inconveniences and subpar gear quality. To address these issues and enhance the trekking experience for both tourists and local trekkers, the "Trekking Gears Rental" is proposed.

2.2. Literature Review

The trekking gear rental market is a promising avenue for growth and expansion, particularly due to the increasing popularity of adventure tourism and the current trend of online shopping. By offering rental options, businesses can cater to the evolving preferences and demands of customers who may prefer the flexibility of renting over buying trekking equipment.

I've studied websites like Nepaltrekroutes [1] and lowergear [2] for references and analysis. Renting trekking gear presents several advantages, both for customers and the environment. Firstly, it allows customers to access high-quality gear without the need for a significant upfront investment. This can be particularly beneficial for occasional trekkers or those who may not want to purchase expensive gear for one-time use. Additionally, as preferences and requirements change, renting provides a cost-effective and practical solution for obtaining different types of gear for varying trekking experiences. Moreover, renting trekking gear contributes to sustainability efforts by reducing waste. Often, trekking equipment becomes obsolete or no longer fits the customer's needs after a few uses. Renting allows individuals to enjoy the equipment when they need it and return it once they are done, preventing unnecessary accumulation of unused gear and reducing the environmental impact. However, rental companies must be prepared to tackle challenges associated with this market. One such challenge is the initial investment in purchasing trekking equipment, which can be substantial. To mitigate this, businesses can consider maintaining a diverse range of equipment suitable for different types of treks and customers. Additionally, regular

maintenance is crucial for ensuring that the rented gear remains in top condition and safe for use. This requires setting up efficient and reliable maintenance processes to inspect, clean, and repair the equipment after each rental.

By focusing on the growing demand for adventure tourism and the benefits of rental options, trekking gear rental businesses can tap into this market's potential for growth and offer an attractive alternative to buying gear outright.

Chapter 3: System Analysis

3.1. System Analysis

3.1.1. Requirement Analysis

Functional Requirements

- The admin/user must login into the website with authorized credentials before using it.
- The admin should be able to manage the equipment/users.
- The user should be able to manage their order and return it.
- The website must be able to access internet and user data.
- The website must be able to identify the user.
- Website must be able to recognize the equipment and update in the database.
- Website must be able to compute the cost and inform user.

Use Case Diagram

A use case diagram is usually simple. It does not show the detail of the use cases:

• It only summarizes some of the relationships between use cases, actors, and systems.

• It does not show the order in which steps are performed to achieve the goals of each use case.

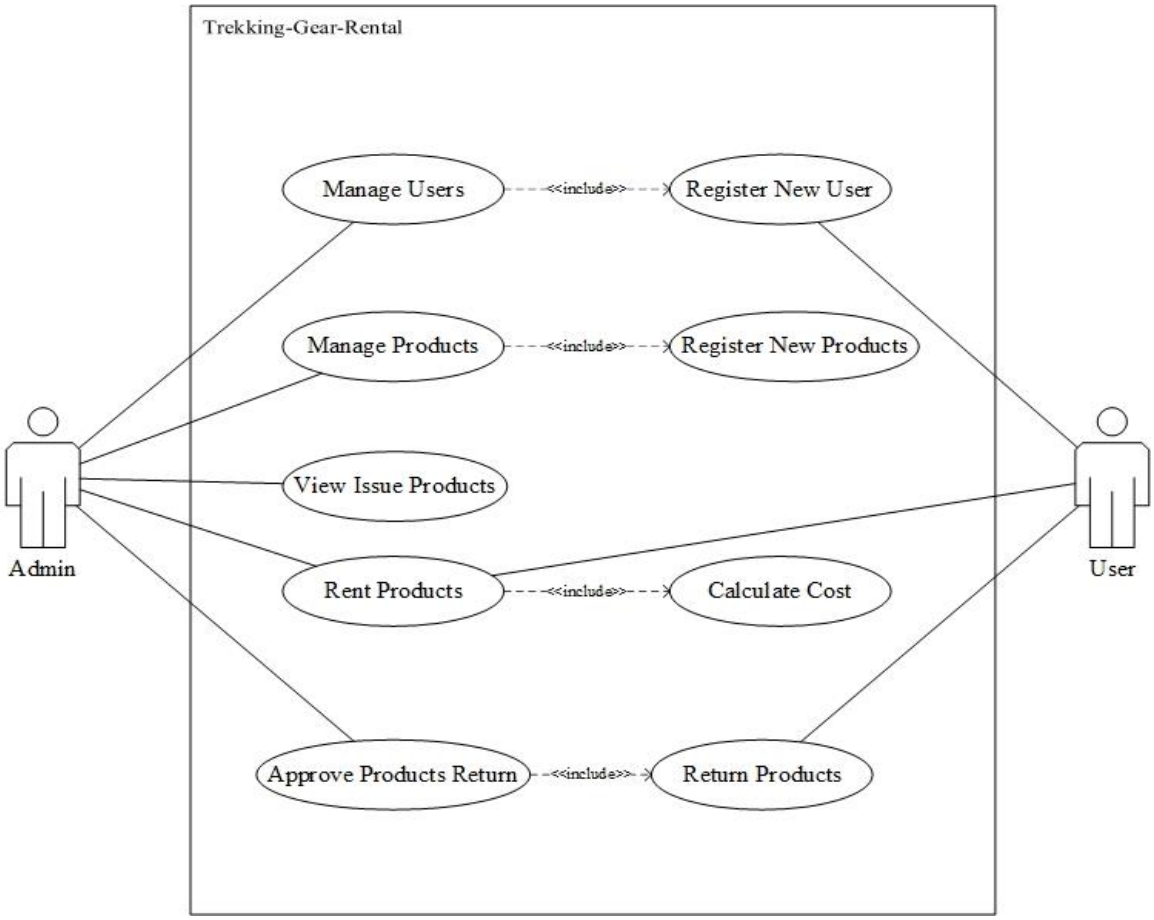


Fig 3.1.1 1 Use Case Diagram for Travel-Booking

Non Functional Requirements

- Performance: The proposed website should identify users and equipment smoothly within feasible time.
- Security: The proposed website must be secure from unethical attacks like unauthorized access of the website.
- Reliability: The website must be reliable so that admin should able to confirm user name and password of authorize users.
- Maintainability: Website must be maintainable when failure occur.
- Availability: Website must be available whenever required.

3.1.2. Feasibility Analysis

i. **Technical:** For both end users and developers our project requires a simple hardware i.e. a computer or a laptop with normal processing speed and GUI based technology as well as good internet connection and software includes a visual studio code,

Apache server, MySQL database which can be downloaded from many official respective sites. This project is completed in the most recent and widely used web development tool i.e. React-js as Front end and Laravel which is a powerful PHP framework with a average footprint(1.7GB), built for developers who need a simple and elegant toolkit to create full-featured web application. All the requirements can be easily available so we must say it is technically feasible.

Web development tool: React js and Laravel.

Tools used: Visual Studio Code, XAMPP, Apache server, MySQL database

Hardware Requirement: A working computer system.

ii. **Operational:** For the system to work functionally, basic computer knowledge, web site knowledge and power supply is necessary which is abundant in every organization and also as we mentioned earlier only few technologies will be used to operate the website and simple training demonstration of working website will be required for admin so it is operationally feasible.

iii. **Economic:** As our project needs computers and some open source software which can be easily available through internet surfing and are free of cost, the implementing cost will be very low compared to other websites with different hardware requirement systems and which uses premium software for development. Admin can operate our system with less effort and only few technologies are required so the cost of manpower is not a necessity that's why it is economically feasible.

3.1.3. Data Modelling (ER-Diagram)

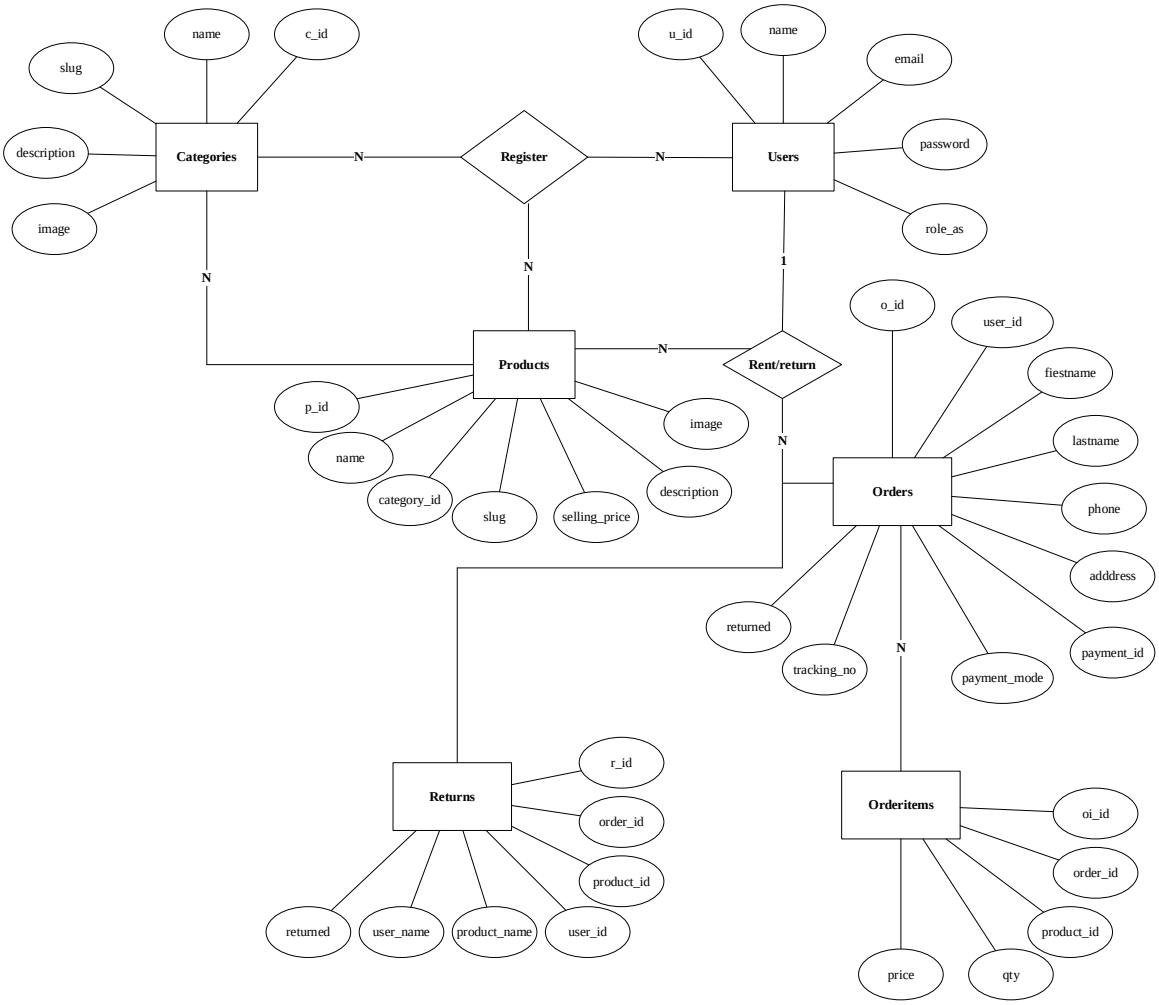


Fig 3.1.3.1: ER-Diagram

3.1.4. Process Modelling (DFD)

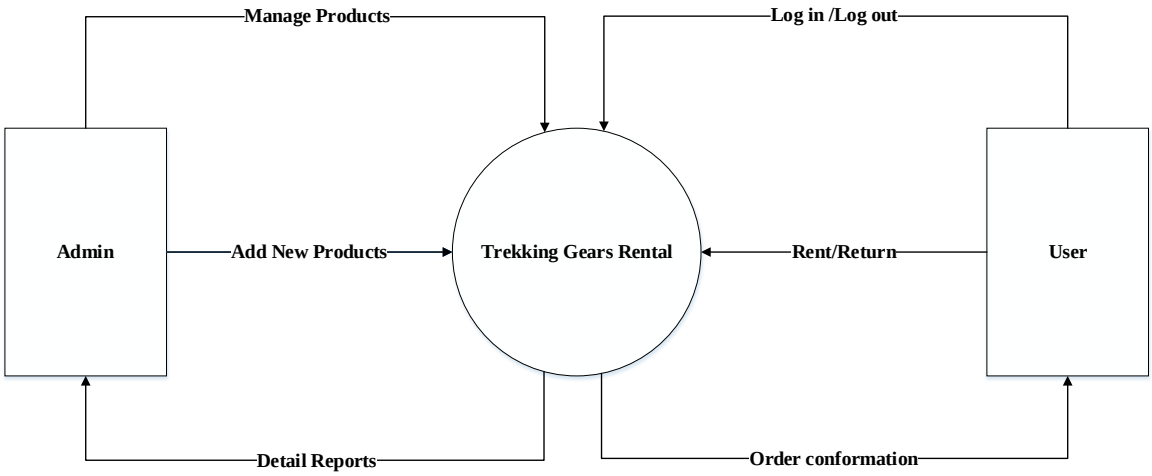


Fig 3.1.4.1: Context/Level-0 DFD

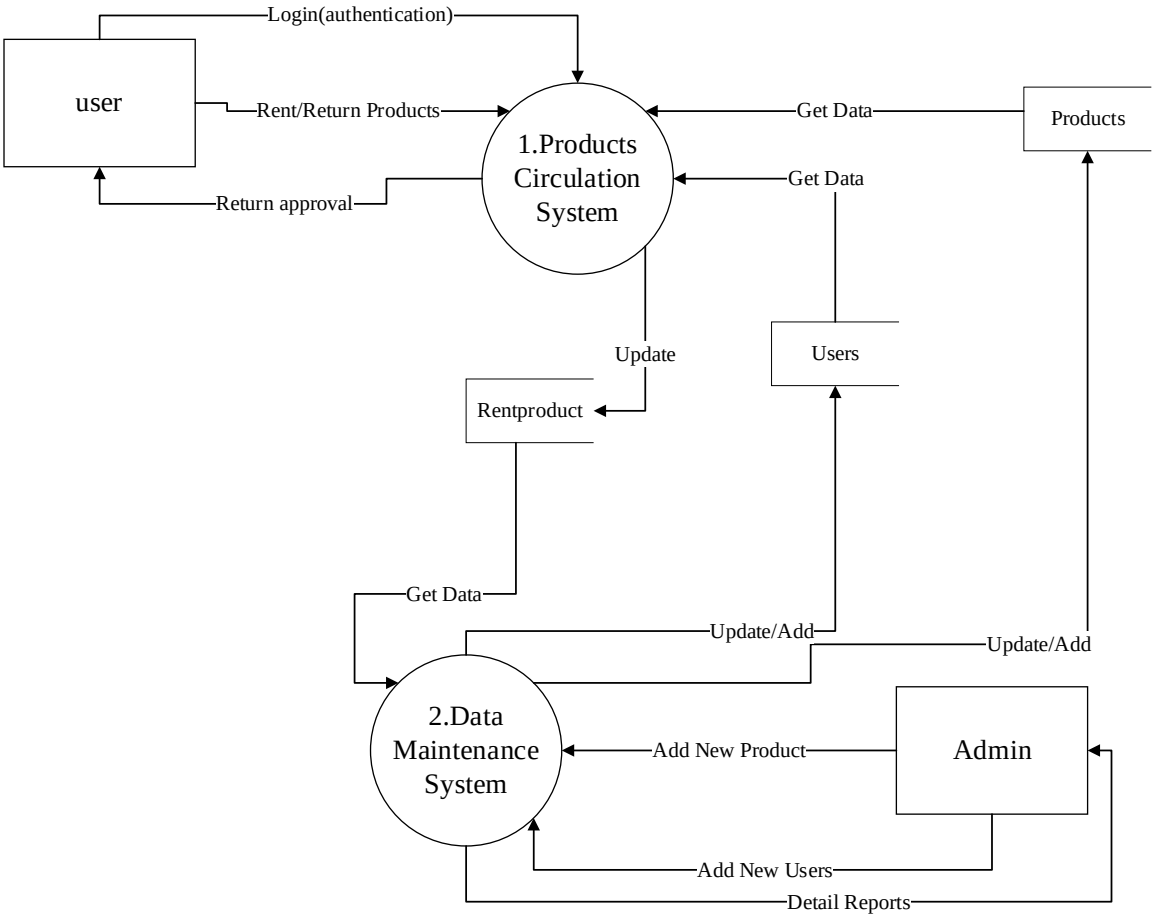


Fig 3.1.4.2: Level-1 DFD

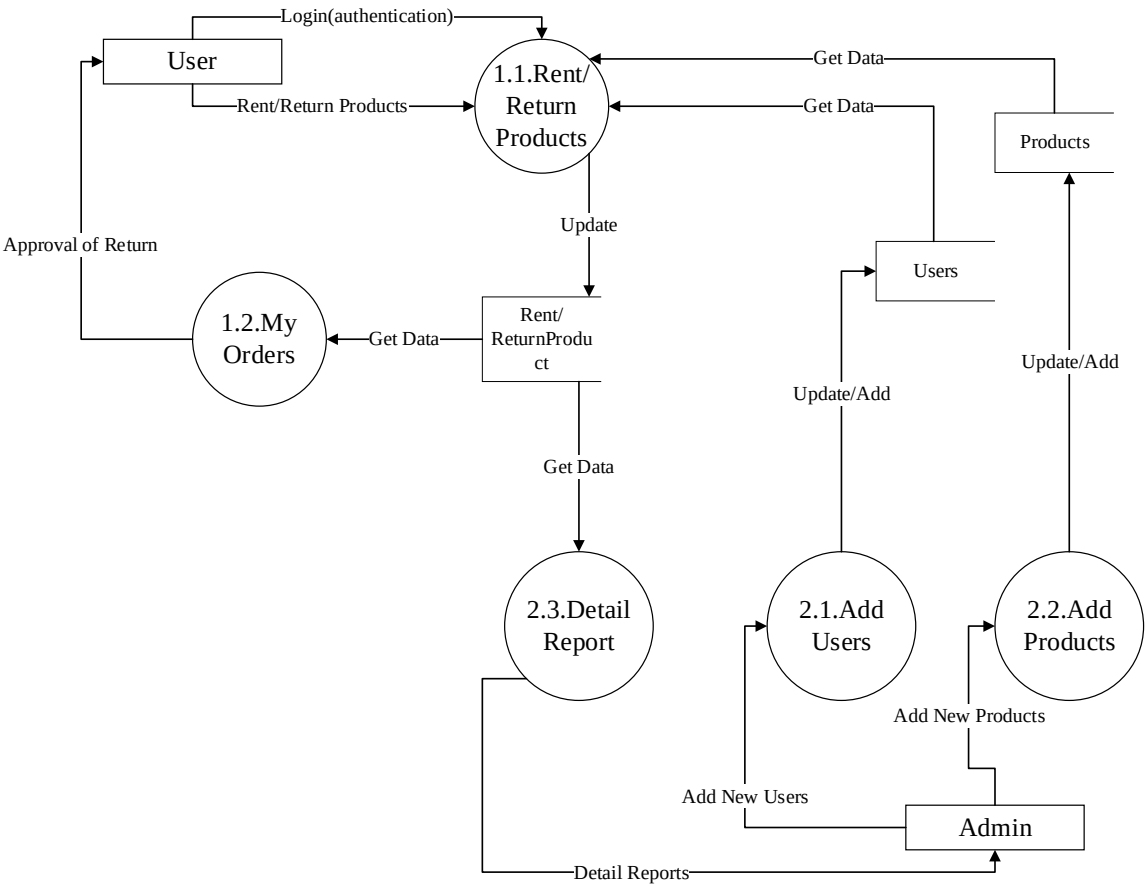


Fig 3.1.4.3: Level-2 DFD

3.2. System Design

3.2.1. Architectural Design

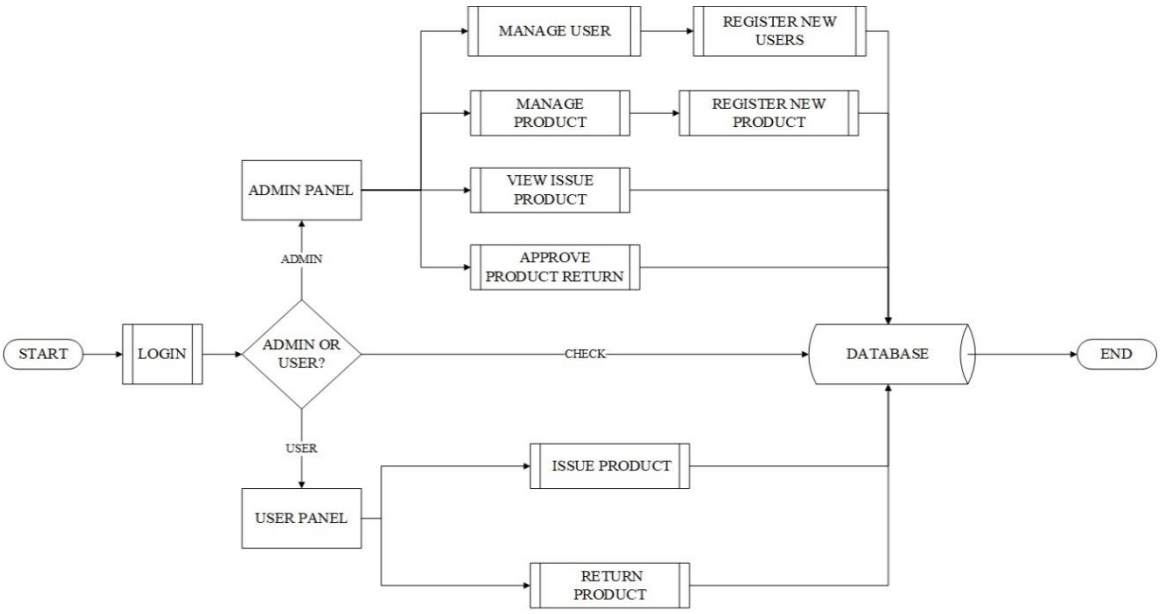


Fig 3.2.1.1: Architectural design.

3.2.2. Database Schema Design

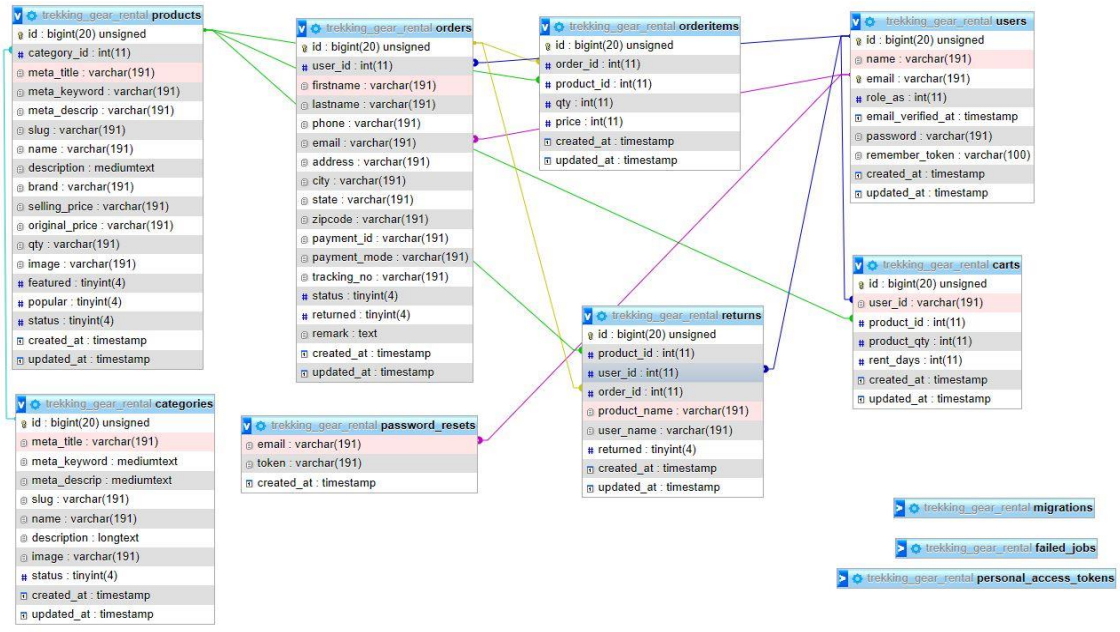


Fig 3.2.2.1: Database Schema Design

3.2.4. Algorithm Details

- **Sorting Algorithm**: We used JavaScript's built-in .sort() method to sort the category array alphabetically based on the name property. The .sort() method uses a comparison function to sort elements. In this case, we used (a, b) => a.name.localeCompare(b.name) as the comparison function, which compares the name property of two categories and sorts them alphabetically. The localeCompare method compares strings in a locale-sensitive and case-insensitive manner, which is suitable for sorting alphabetically.

- **Search Algorithm**: For searching, we implemented a simple substring search. We used the .filter() method to filter the sortedCategory array based on whether the name of each category includes the search query. We converted both the name and the search query to lowercase for a case-insensitive search. We then checked if the lowercase name includes the lowercase search query. This approach works well for basic substring searches but may not cover more advanced search functionalities like full-text search or regular expressions.

- **Hashing Algorithm**: Hashing algorithms, such as MD5, SHA-1, or SHA-256, are used for data security and integrity, particularly when dealing with sensitive information like passwords. I have used Hash function, which also known as Bcrypt is a widely used and secure password hashing algorithm that incorporates a salt (a random value) and multiple rounds of hashing to protect against brute-force attacks and rainbow table attacks.

Chapter 4: Implementation and Testing

4.1. Implementation

4.1.1. Tools Used in Implementation

a) React js:

React.js is an open-source JavaScript library developed by Facebook that is widely used for building user interfaces (UIs) for web applications. React allows developers to create reusable UI components and efficiently manage the dynamic updating of the UI based on changes in data. It uses JavaScript.

b) HTML:

HTML is format that tells a computer how to display a web page. We use HTML in this web portal for creating forms and table layout.

c) CSS:

CSS (Cascading Style Sheet) is the style sheet language for styling the HTML elements. I use bootstrap one of the framework of CSS that help us to manage font-family, content sizes and other various content for styling in this web portal.

d) PHP:

PHP codes run in the server and stores in PHP scripts that usually have a .php file extension. All backend as well as frontend codes are based on PHP in this web portal.

e) SQL:

SQL (Structured Query Language) is a standard language for accessing and manipulating databases. SQL is query language used to communicate with a MYSQL database I create database for web portal by accessing in http://localhost/phpmyadmin/.

d) Visual studio code:

Visual Studio Code, also commonly referred to as VS Code, is a source-code editor made by Microsoft with the Electron Framework, for Windows, Linux and macOS. Features

include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git.

4.1.2. Implementation Details of Modules (Description of procedures/functions)

a) Client (Admin Side):

Table 4.1.2.1: Clients Software Requirements

Browsers	Mozilla, Chrome

b) Developer Side:

Table 4.1.2.2: Software Develop. Req.

Operating System	Windows 7,8,10
IDE	Visual Studio Code
Database server	MySQL
Programming language	Php, Java script, html, css

c) Client Side:

Table 4.1.2.3: Clients Software Requirements

Browsers	Mozilla, Chrome

d) Server Side:

Table 4.1.2.4: Server Side

Operating System	Windows
Web Server	Apache Server/XAMPP

Database	Server SQL Server

4.2. Testing

4.2.1. Test Cases for Unit Testing

Table 4.2.1.1: Test Cases for Unit Testing

Test case	Preconditions	Steps to be Executed	Expected Results	Actual Results	Pass/Fail
Login for User	The user account should be registered	Trying to login leaving blank textbox	login error indicating missing information	Showed message: email and password field is required	Pass
Login for User	The user account should be registered	Enter username and password Click Login	User must successfully login to the profile	User is successfully logged in	Pass
Login for Admin	The Admin account should be registered	Enter username and wrong password Click Login	Admin must successfully login to the profile	Admin is successfully logged in	Pass

Register User	For creating account for user	Enter name, email address, and password Click on Register	Account must be created.	Account is created.	Pass

4.2.2. Test Cases for System Testing

System Testing (ST) is a black box testing technique performed to evaluate the complete system's compliance against specified requirements. In System testing, the functionalities of the system are tested from an end-to-end perspective. System testing is the testing to ensure that by putting the software in different environments (e.g. Browsers) it still works.

Table 4.2.2.1: Test Cases for System Testing

Test case	**Preconditions**	**Steps to be Executed**	**Expected Results**	**Actual Results**	**Pass/Fail**
Searching for Category	The user should Login first	Navigate to Category page and search for category	User must get searched Category	User successfully getting searched category	Pass

Searching for Product	The user should Login first	Navigate to Product page and search for product	User must get searched Product	User successfully getting searched product	Pass
View full details of Product	The user should Login first	Navigate to Product page and click on the product	User must get details of the clicked Product	User successfully getting details of clicked product	Pass
Adding to cart	The user should Login first	Navigate to Product detail page and click on the add to cart button	Product added to cart	Product successfully added to cart.	Pass
Ordering Product	User must login	Navigate to Cart page and click on checkout button and fill all the required details and press place order to order	Product ordered	Ordered successfully	Pass

Initiating Return of Product	User must login	Navigate to My Orders page and click on the Return button	Initiating Product return	Return Initiated successfully	Pass
Approving return	Admin must login	Navigate to Returns page and click on the Approve button	Return must be approved	Approved successfully	Pass
Adding Category	Admin must login	Navigate to Add Category page and fill all the information and click on the Submit button	Category must be added	Category added successfully.	Pass
Adding Product	Admin must login	Navigate to Add Product page and fill all the information and click on the Submit button	Product must be added	Product added successfully	Pass

Chapter 5: Conclusion and Future Recommendations

5.1. Conclusion

By the research we have done in the field of website designing while developing this website we have definitely gain some knowledge and hope in upcoming future we will be doing many more project in the field of website designing.

5.2. Lesson Learnt / Outcome

During the development of this project we have learned many practical knowledge such as documentation, presentation, time management, resource management overall we have gain knowledge of website development. We have also gain experience of working as a team while developing this website. Which we hope will be very useful while operating in corporate organization.

We can expect a fully functional website that can meet all the necessary needs of the consumer. Such as providing quality services as well as budget friendly products according to the needs and desire of the consumer with fast and easy service. Making the trekking and renting more economical and convenient.

5.3. Future Recommendations

In upcoming future, we will definitely refine our project with following enhancement.

i. Adding packages system from client side.so, that they will be able to order fully customize packages.
ii. Automatic and reliable.
iii. User friendly TREKKING GEARS RENTAL. System Application (apk).

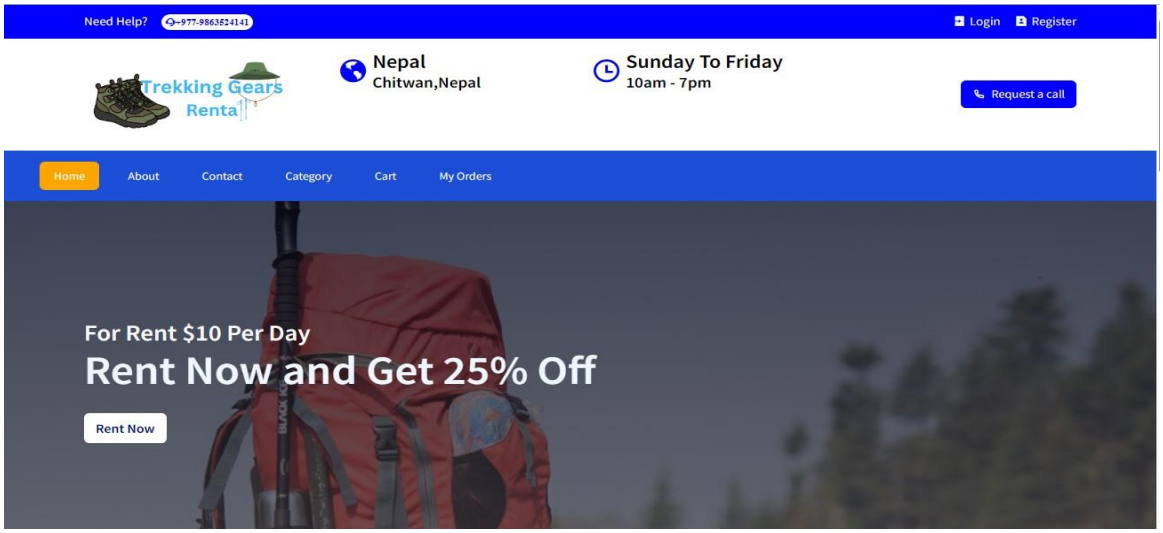
References

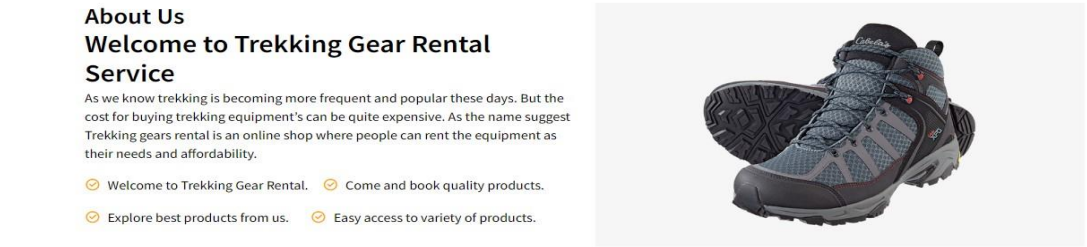
[1] “Buying and Renting Trekking Gears in Kathmandu,”https://nepaltrekroutes.com/buying-and-renting-trekking-gears-in-kathmandu/. [Accessed: 25-Apr-2023].

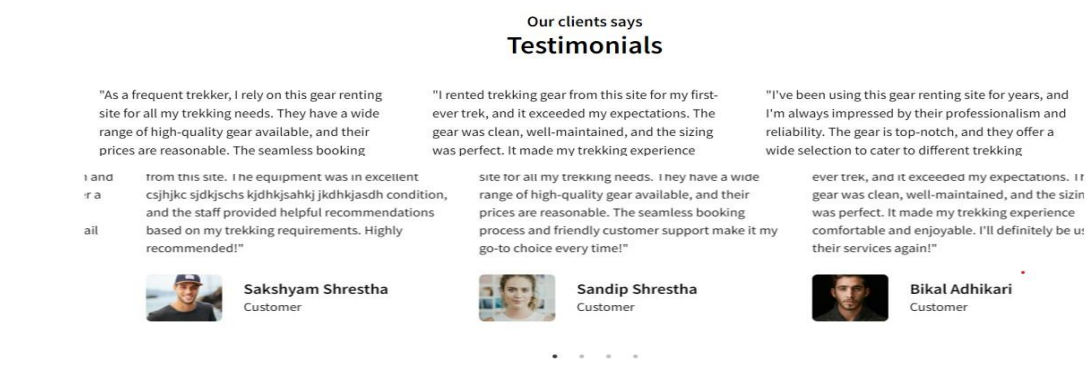
[2] “Trekking Gears Rental,” www.lowergear.com, https://www.lowergear.com/all-camping-and-travel-gear. [Accessed: 25-Apr-2023].

Appendices (Screen Shots/ Source Codes/ Supervisor Visit Log Sheets)

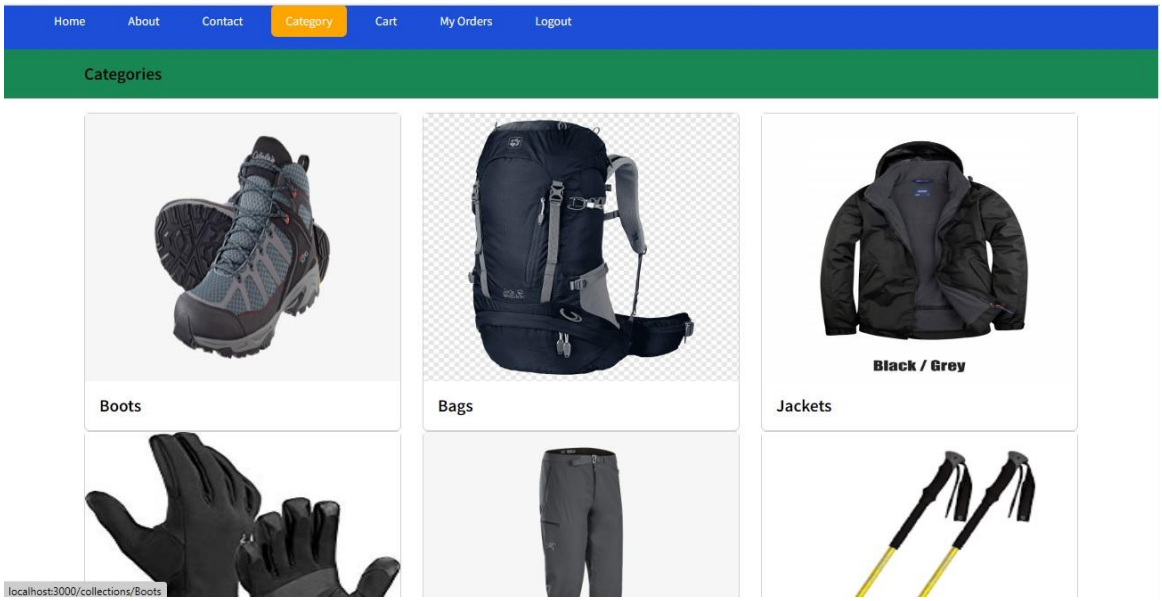
Home :



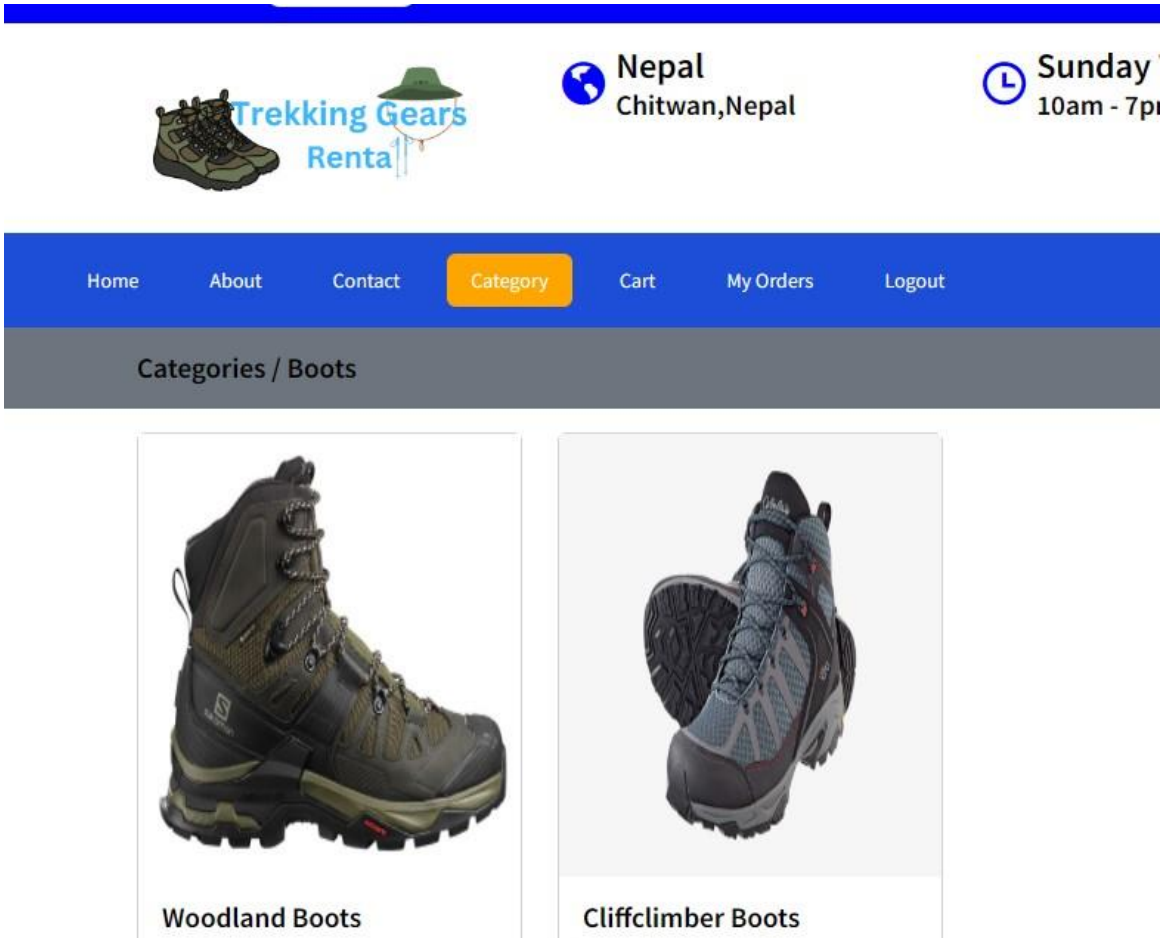




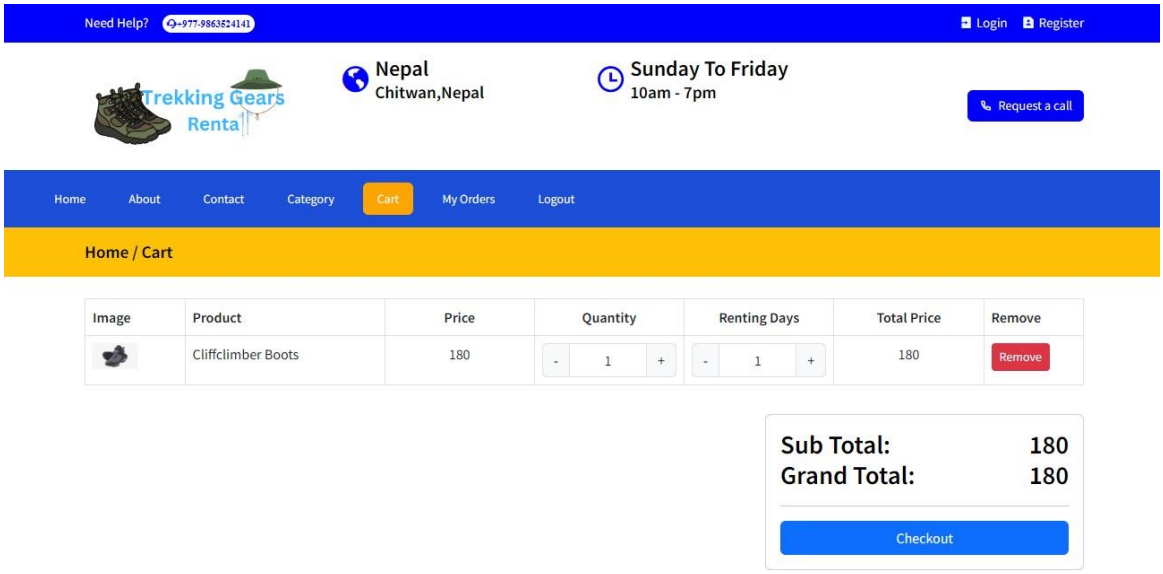
Categories:



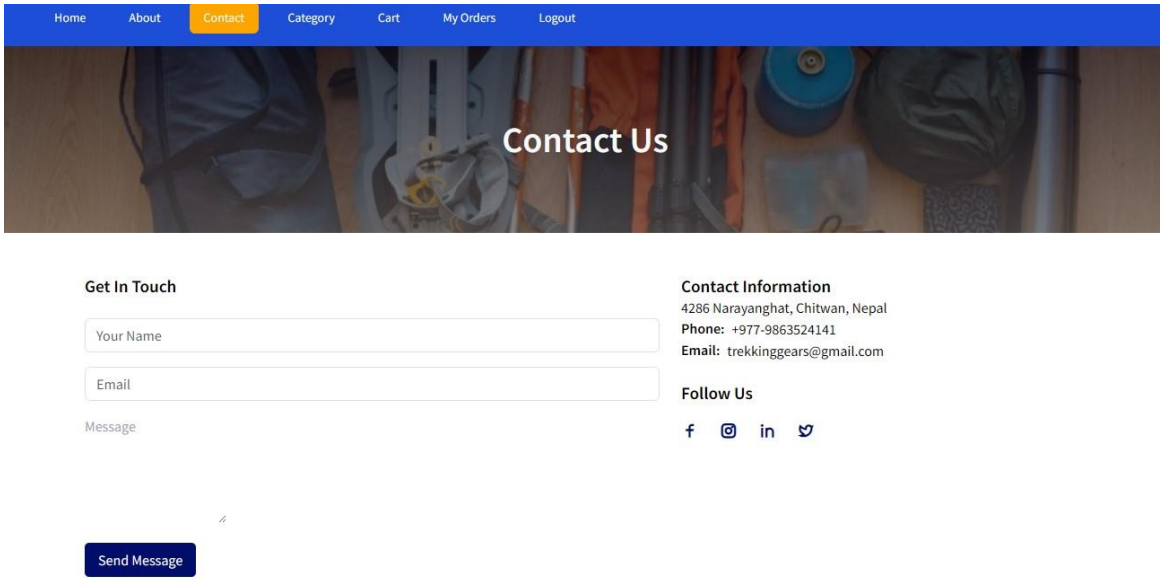
Products:



Cart :



Contact:

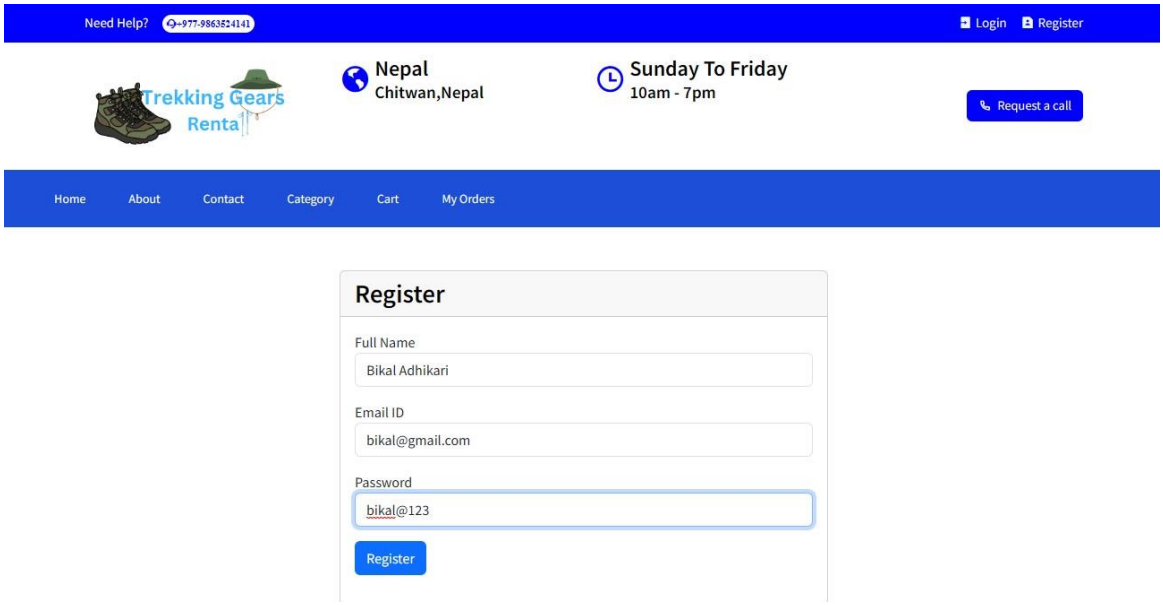


Login :

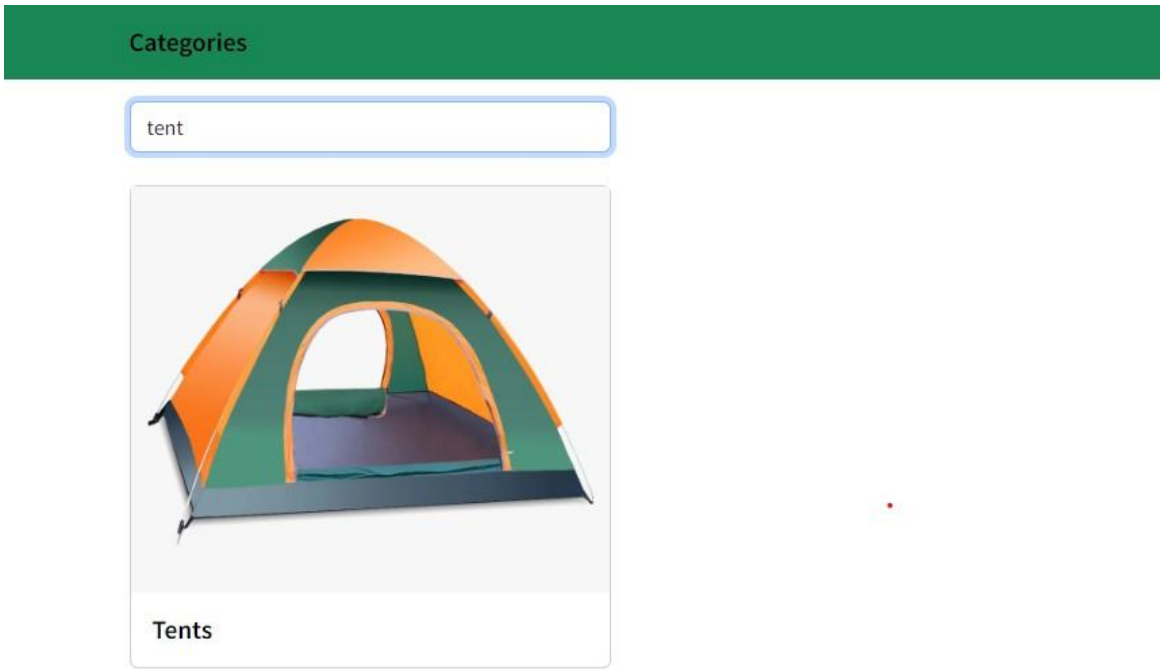
Login
Email ID
The email field is required.
Password
The password field is required.
Login

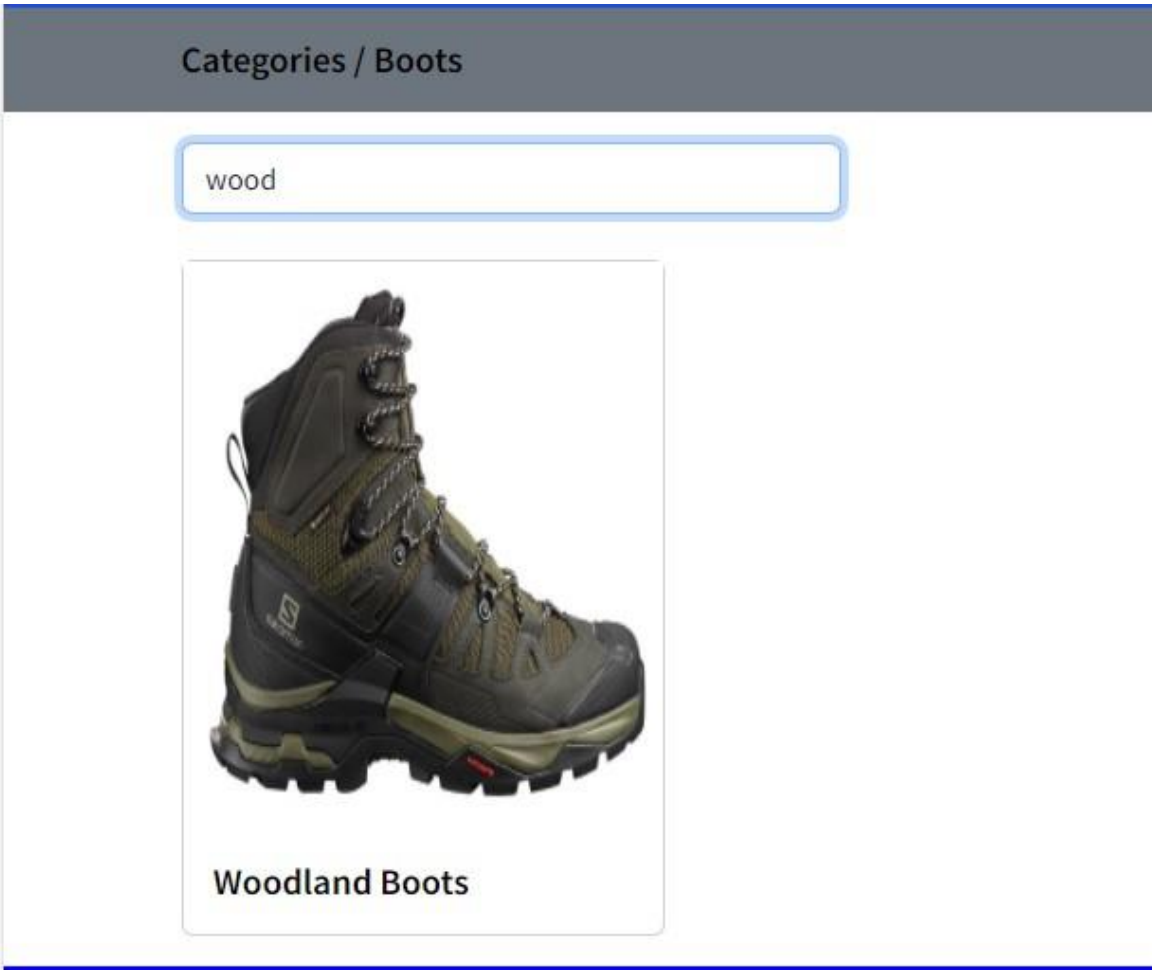
Login
Email ID
Basu@gmail.com
Password
Login

Register:

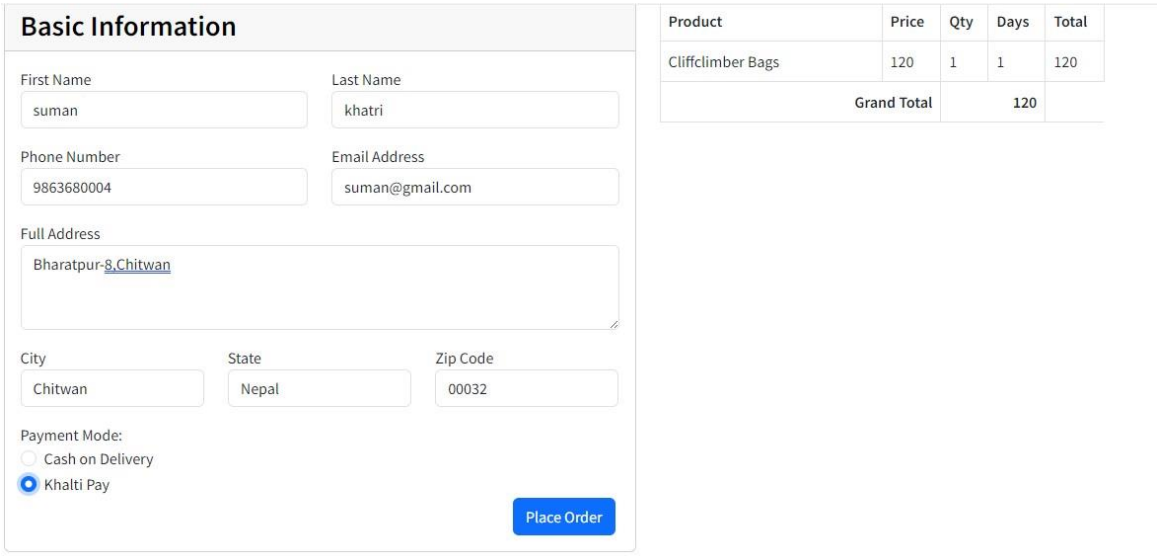


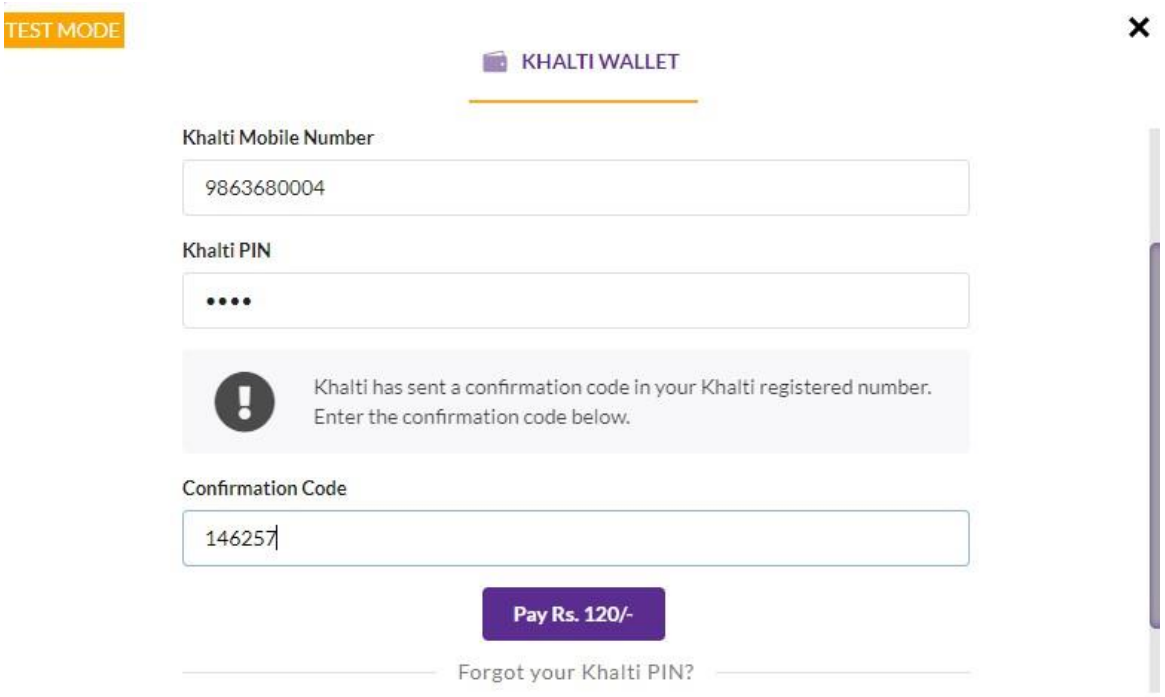
Searching Category/Products:





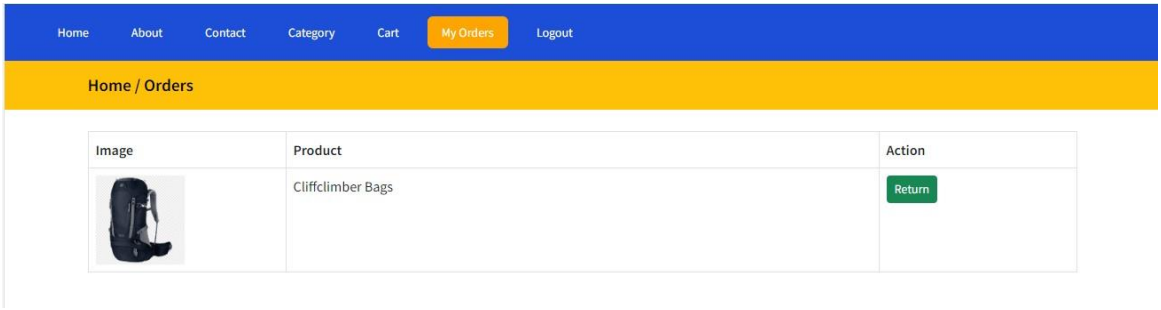
Renting Products:

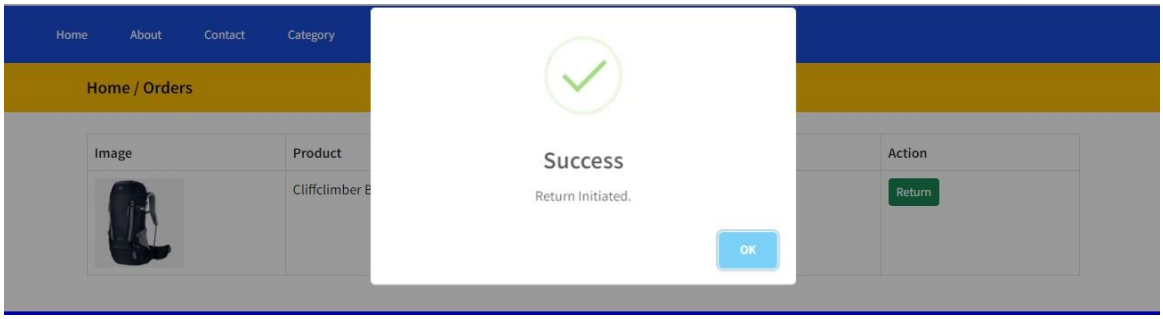



TEST MODE
KHALTI WALLET
Khalti Mobile Number
9863680004
Khalti PIN
••••
Khalti has sent a confirmation code in your Khalti registered number.
Enter the confirmation code below.
Confirmation Code
146257
Pay Rs. 120/-
Forgot your Khalti PIN?

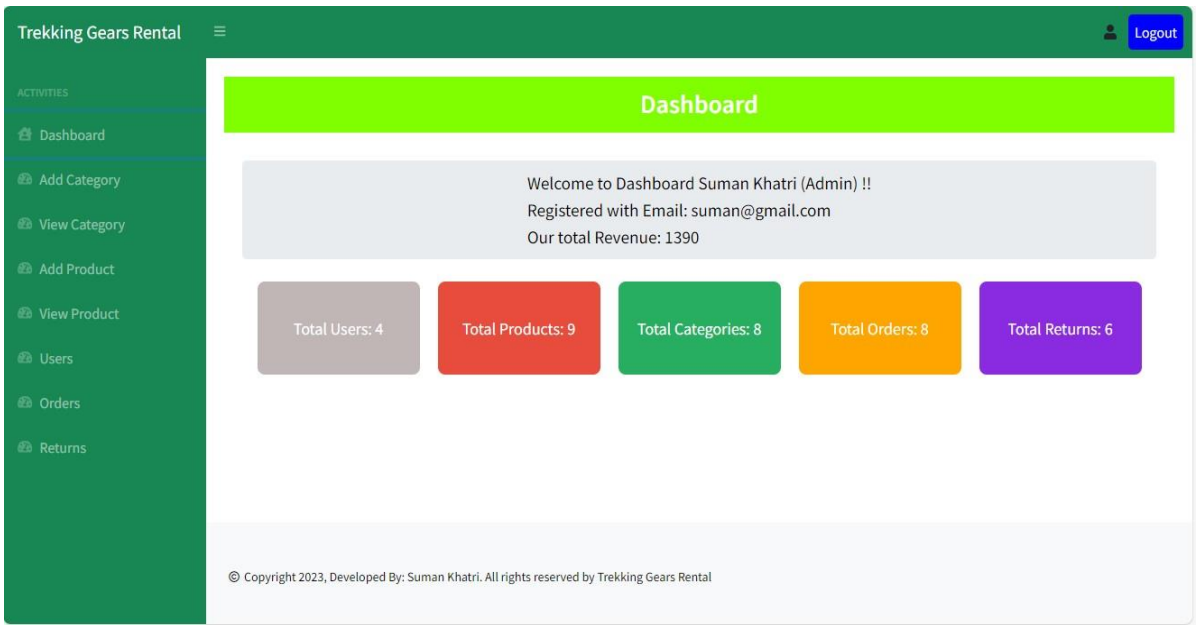
Order Placed Successfully
Order Placed Successfully
OK

Returning Products:

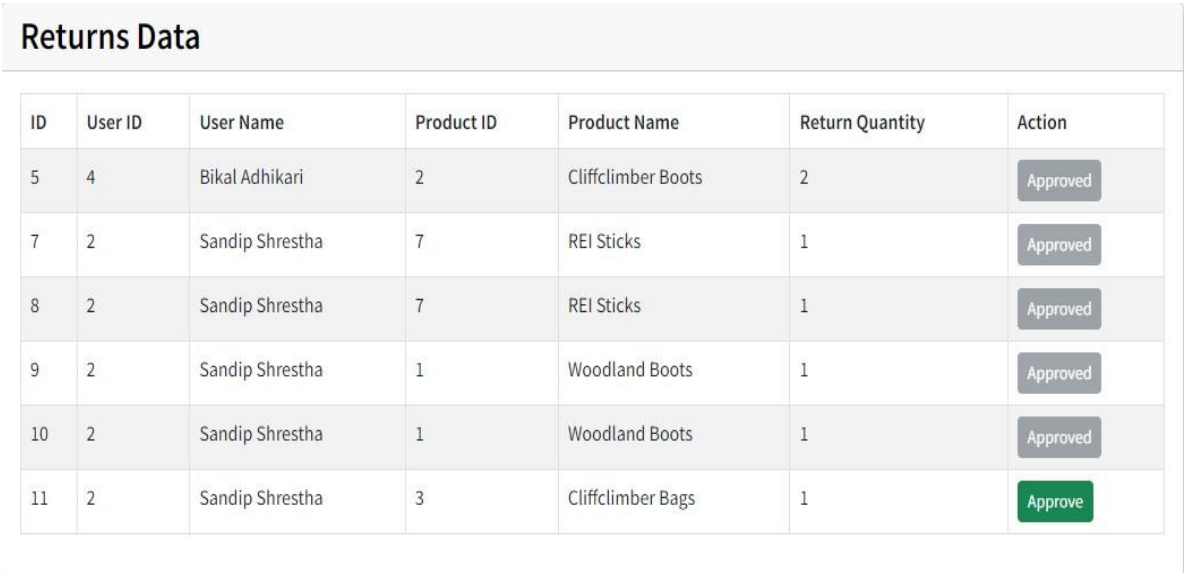




Admin /Dashboard:



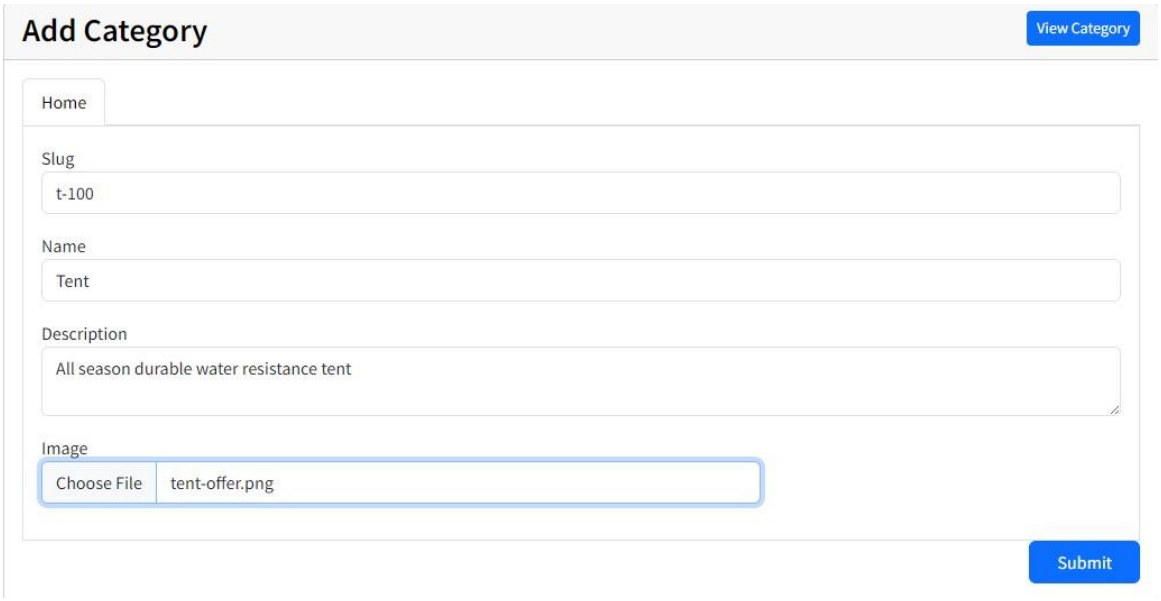
Admin /Return Approving:



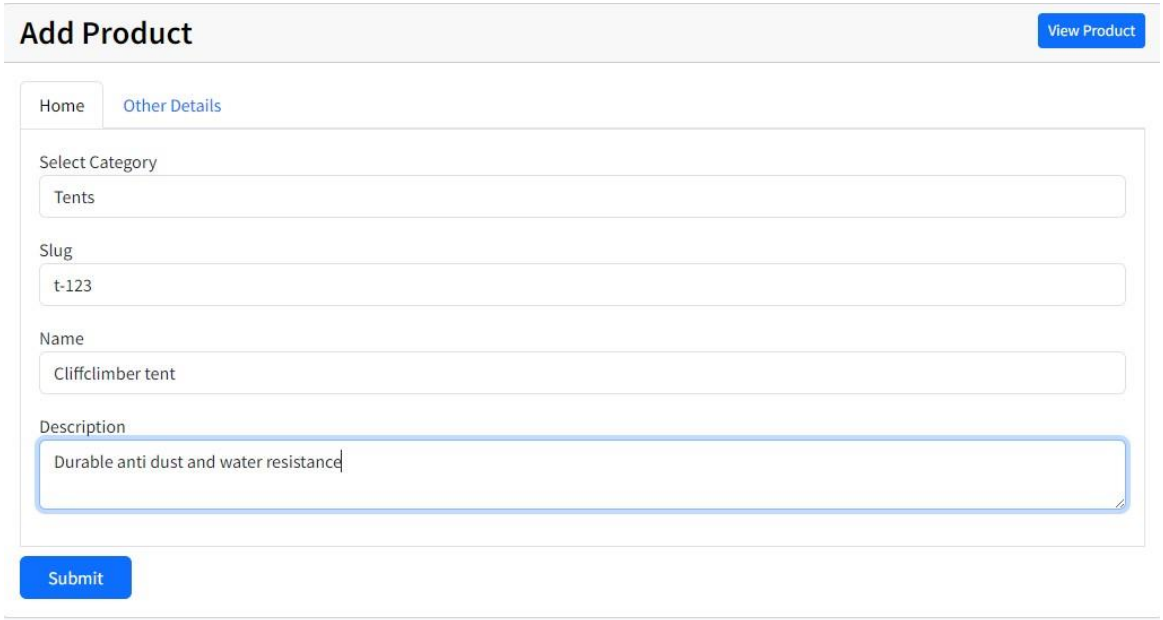
Returns Data

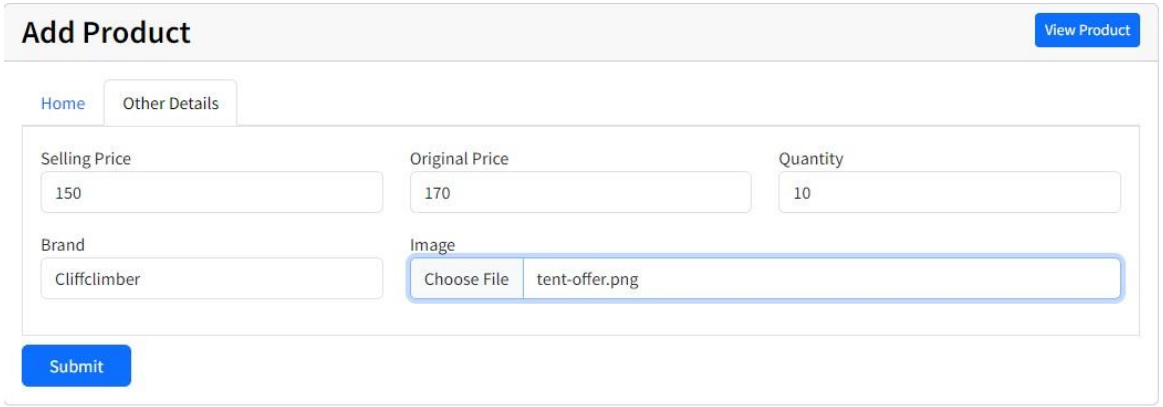
ID	User ID	User Name	Product ID	Product Name	Return Quantity	Action
5	4	Bikal Adhikari	2	Cliffclimber Boots	2	Approved
7	2	Sandip Shrestha	7	REI Sticks	1	Approved
8	2	Sandip Shrestha	7	REI Sticks	1	Approved
9	2	Sandip Shrestha	1	Woodland Boots	1	Approved
10	2	Sandip Shrestha	1	Woodland Boots	1	Approved
11	2	Sandip Shrestha	3	Cliffclimber Bags	1	Approve

Add Category:

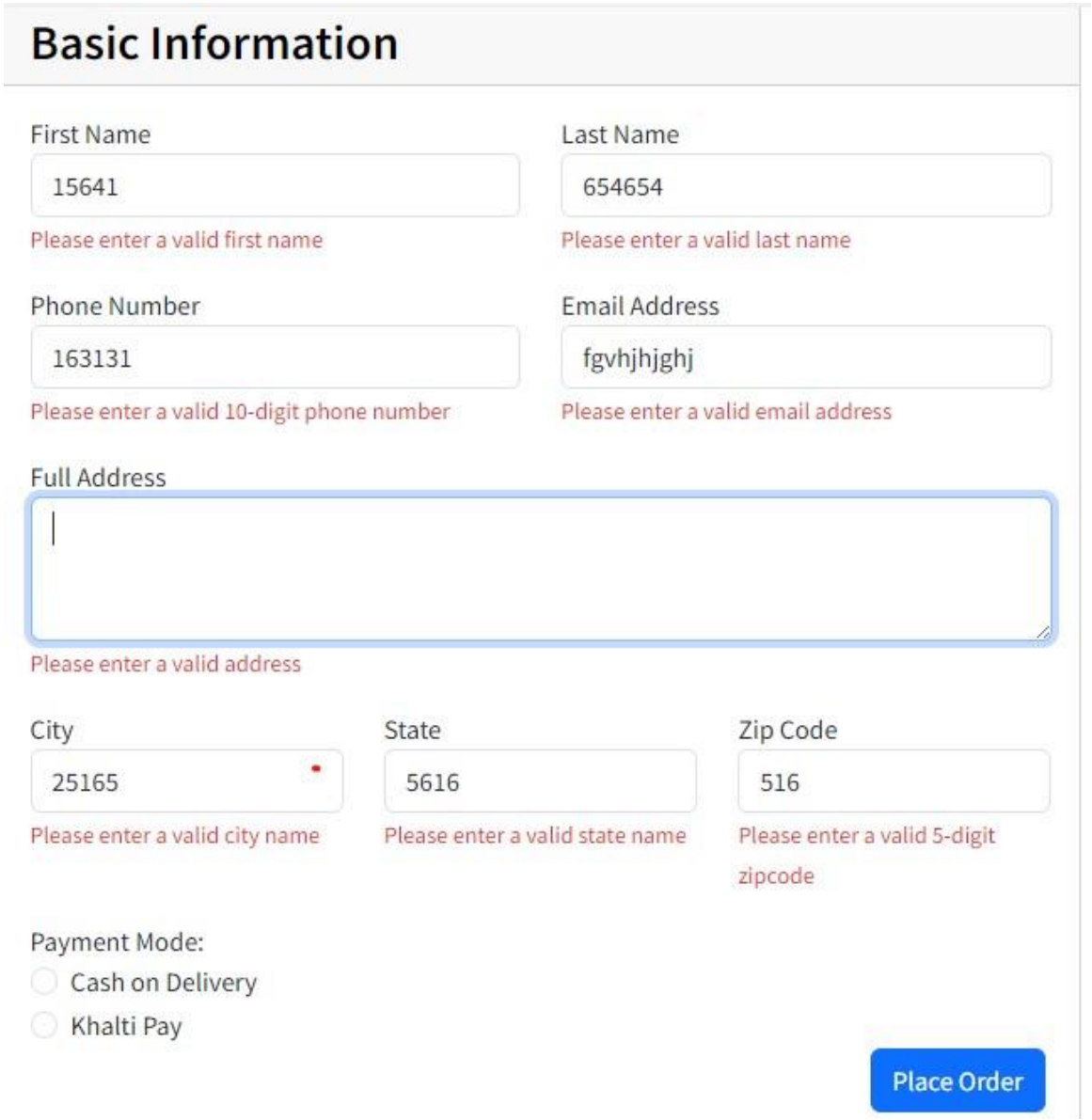


Add Product:

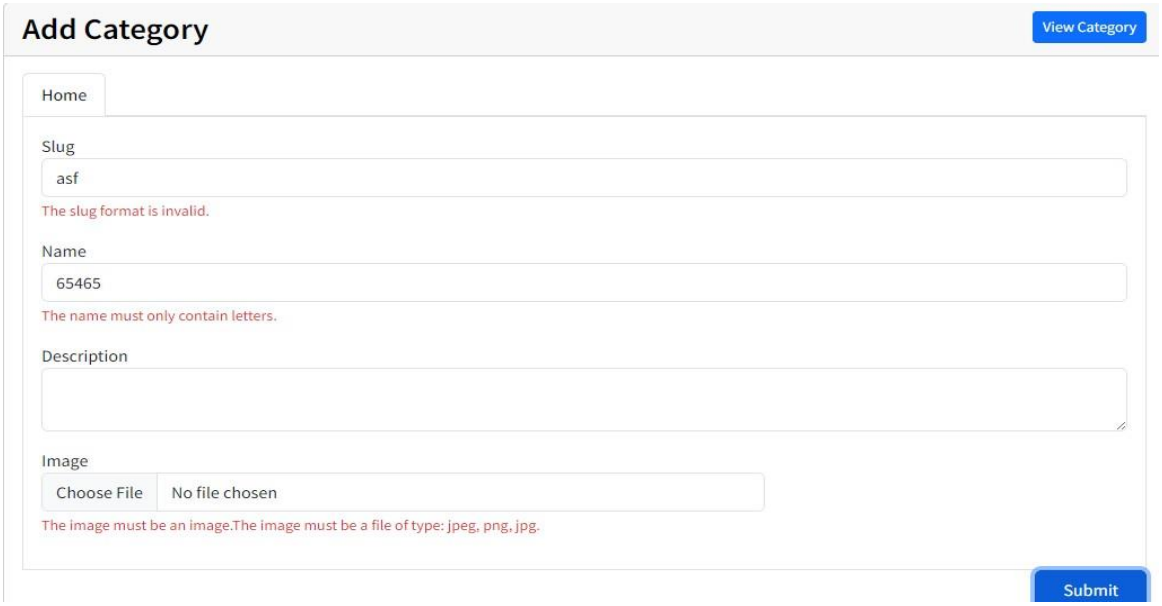

Add Product
View Product
Home
Other Details
Select Category
Tents
Slug
t-123
Name
Cliffclimber tent
Description
Durable anti dust and water resistance
Submit


Add Product
View Product
Home
Other Details
Selling Price
150
Original Price
170
Quantity
10
Brand
Cliffclimber
Image
Choose File
tent-offer.png
Submit

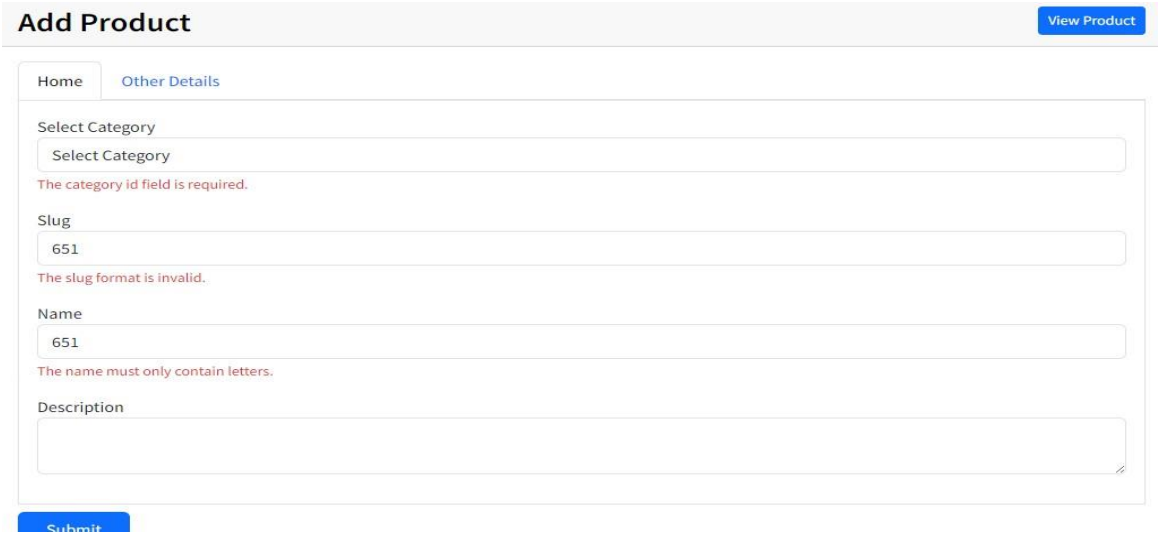
Checkout Validation:

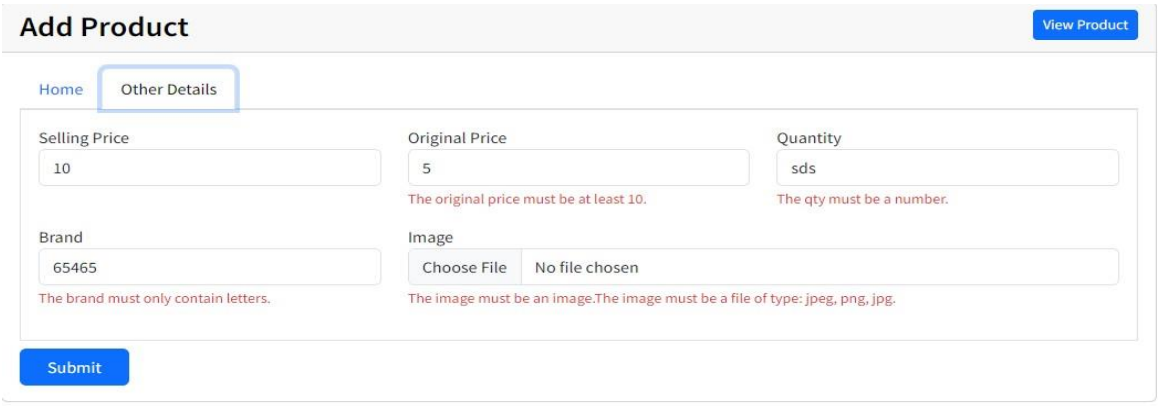


Category Validation:

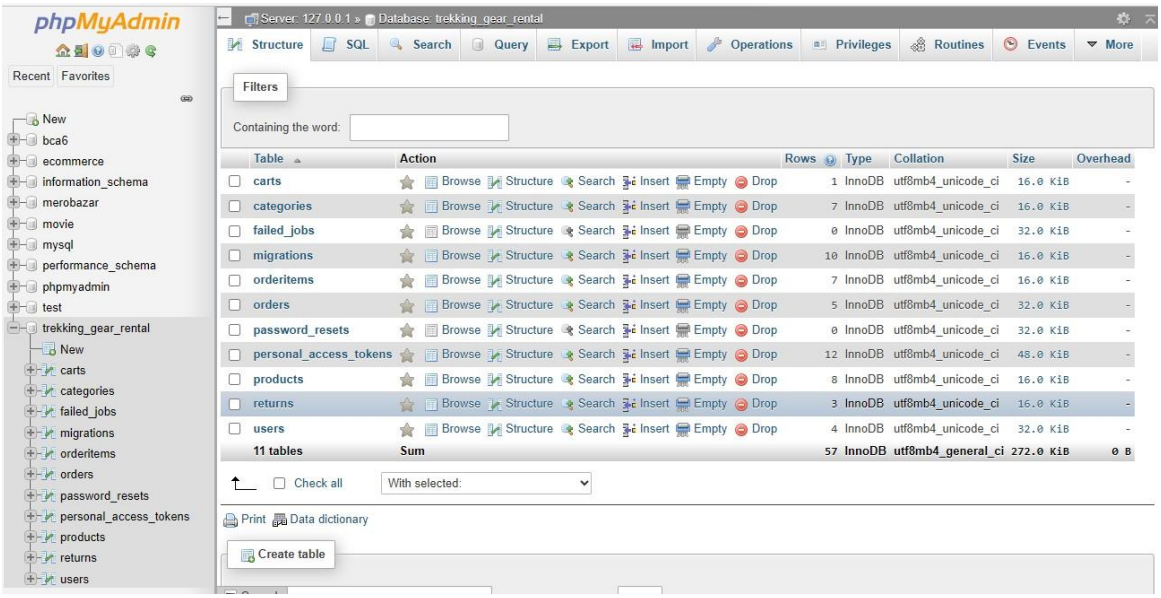


Product Validation:





Database (MySql):



Source code

Sorting Algorithm:

```
const sorted = [...category].sort((a, b) => a.name.localeCompare(b.name));
setSortedCategory(sorted);
```

Search Algorithm:

```
const filteredCategories = sortedCategory.filter((item) =>
  item.name.toLowerCase().includes(searchQuery)
);
```

Hashing Algorithms:

```
    'bcrypt' => [
        'rounds' => env('BCRYPT_ROUNDS', 10),
    ],
'password'=>Hash::make($request->password),
```

Header:

```
import React from 'react'
import{Container,Row,Col} from "reactstrap";
import {Link}from "react-router-dom";
import '../../styles/header.css'
import Logo from '../../assets/logo/logo.png'

const Header = () => {

 return <header className="header">
  <div className="header__top">
   {/*----------header top----------*/}
  <Container>
   <Row>
    <Col lg='6' md='6'sm='6'>
     <div className="header__top__left">
      <span>Need Help?</span>
      <span className='header__top__help'>
       <Link to='/contact'>
       <i className="ri-customer-service-2-line">+977-9863524141</i>
       </Link>
      </span>
     </div>
    </Col>

    <Col lg='6' md='6'sm='6'>
    <div className="header__top__right d-flex align-items-center justify-content-end gap-3">
      <Link to='/login' className='d-flex align-items-center gap-1'>
       <i className="ri-login-box-fill"></i> Login
      </Link>
      <Link to='/register' className='d-flex align-items-center gap-1'>
```

```
        <i className="ri-file-user-fill"></i>  Register
       </Link>
      </div>
    </Col>
  </Row>
</Container>
</div>

{/*----------header middle------------*/}
<div className="header__middle">
  <Container>
    <Row>
      <Col lg='3' md='3' sm='4'>
        <div className="logo">
          <h1>
            <a href='/' className="header__logo  d-flex align-items-center  gap-2">
            <img  src={Logo}  alt="" />
            {/* <span>Rent  Gears<br/> Service</span>  */}
            </a>
          </h1>
        </div>
      </Col>

      <Col lg='3' md='3' sm='4'>
        <div className="header__location  d-flex align-items-center  gap-1">
            <span><i className="ri-earth-fill"></i></span>
            <div className="header__location-content">
              <h4>Nepal</h4>
              <h6>Chitwan,Nepal</h6>
            </div>
        </div>
      </Col>
```

```
        <Col lg='3' md='3' sm='4'>
          <div className="header__location d-flex align-items-center gap-1">
            <span><i className="ri-time-line"></i></span>
            <div className="header__location-content">
              <h4>Sunday To Friday</h4>
              <h6>10am - 7pm</h6>
            </div>
          </div>
        </Col>

        <Col lg='3' md='3' sm='0' className="d-flex align-items-center justify-content-
end">
          <button className="header__btn btn">
            <a href='/contact'>
            <i className="ri-phone-line"></i> Request a call
            </a>
          </button>
        </Col>
      </Row>
    </Container>
  </div>
  </header>
}
export default Header;
```

Style:

```
.header__top{
  padding: 10px 0px;
  background:blue;
  color:white ;
}

.header__top__left{
  display: flex;
  align-items: center;
```

```
    column-gap: 1rem;
}

.header__top__left span{
    font-size: 15px;
}
.header__top__left i{
    font-weight: 800;
    font-size: 20px;
    text-decoration: none !important;

}
.header__top__left i:hover{
    background-color: aqua;
    color: orange;
}

.header__top__help{
    display: flex;
    align-items: center;
    column-gap: 0.4rem;
}

.header__top__help i{
    background: white;
    color: blue;
    padding: 4px 4px;
    border-radius: 50px;
    font-size: 0.7rem;
}

.header__top__right a{
    text-decoration: none;
    color: aliceblue;
    font-size: 15px;
}
.header__top__right a:hover{
    color: orange;
}

/*--------------header middle style----------*/
.header__middle{
    padding: 15px 0px;

}
.logo h1 a span{
    font-size: 1.2rem;
}
.logo h1 a i{
    font-size: 2.2rem;
```

```
}
.logo h1 a{
    text-decoration: none;
    color: blue;
    font-weight: 700;
}
.logo h1{
    line-height: 1.5rem;
}
.logo img{
    height: 7rem;
}
.header__logo span {
    font-size: 1.5rem;
    color: rgb(0, 0, 0);

}
.header__location {
    align-items: center;

}
.header__location span i{
    font-size: 2.2rem;
    color: blue;

}
.header__location-content h4{
    font-size: 1.5rem;
    font-weight: 700;
    color: black;
}
.header__location-content h6{
    font-weight: 600;
}

.header__btn {
    background: blue !important;
    padding: 10px 20px;
    border: none;
    outline: none;
    border-radius: 5px;
}
.header__btn a{
    display: flex;
    align-items: center;
    column-gap: 0.4rem;
    text-decoration: none;
    color: white;
    justify-content: flex-end;
```

```
    font-size: 0.9rem;
}
.header__btn a:hover{
    color:orange;
}

/*--------------------main navbar styles----------*/

@media only screen and (max-width: 768px) {
    .header__top,
    .header__middle,
    .nav__right {
        display: none;
    }
    .mobile__menu{
        display: block;
    }
    .navigation{
        background: rgb(13, 13, 158);
        width: 100%;
        height: 100%;
        position: fixed;
        top: 0;
        left: 0;
        z-index: 9999;
        display: none;
    }
    .menu{
      width: 250px;
      height: 100%;
      background: white;
      display: flex;
      align-items: center;
      flex-direction: column;
      row-gap: 2rem;
      justify-content: center;
    }
    .menu a{
        color: blue;
        font-weight: 600;
        font-size: 0.9rem;
    }
    .menu__active{
        display: block;
    }
}
```

Footer:

```
import React from 'react'
```

```
import { Container,Row,Col,ListGroup,ListGroupItem} from 'reactstrap';
import { Link } from 'react-router-dom';
import '../../styles/footer.css';

const quickLinks=[
  {
    path:'/about',
    display:'About'
  },
  {
    path:'#',
    display:'Privacy Policy'
  },
  {
    path:'/collections',
    display:'Gear Listing'
  },
  {
    path:'/contact',
    display:'Contact'
  },
  {
    path:'/cart',
    display:'Cart'
  },
];
const Footer = () => {

  const date=new Date()
  const year=date.getFullYear()
  return (
  <footer className='footer'>
    <Container>
      <Row>
        <Col lg='4' md='4' sm='12'>
        <div className="logo footer__logo">
            <h1>
              <a href='/home' className="d-flex align-items-center gap-2">
              <i className="ri-home-gear-fill"></i>
              <span>Rent Gears<br/> Service</span>
              </a>
            </h1>
          </div>
          <p className="footer__logo-content">
          This website provides a wide variety of choices as per desire and affordability.
          This site also provides the package system in which there are almost all of the
basic gears that are required while trekking such as
          hiking bag, shoes, stick, down jacket. Other items can also be added as per needs
of the customer.
          </p>
```

```
      </Col>
      <Col lg='2' md='4' sm='6'>
       <div className="mb-4">
        <h5 className="footer__link-title">Quick Links</h5>
         <ListGroup>
          {
           quickLinks.map((item,index)=>(
            <ListGroupItem key={index} className='p-0 mt-3 quick__link'>
            <Link to={item.path}>{item.display}</Link>
            </ListGroupItem>
           ))
          }
         </ListGroup>
       </div>
      </Col>
      <Col lg='3' md='4' sm='6'>
       <div className="mb-4">
       <h5 className="footer__link-title mb-4">Head Office</h5>
       <p className="office__info">4286 Narayanghat, Chitwan, Nepal</p>
       <p className="office__info">Phone: +977-9863524141</p>
       <p className="office__info">Email: trekkinggears@gmail.com</p>
       <p className="office__info">Office Time: 10am - 7pm</p>
       </div>
      </Col>
      <Col lg='3' md='4' sm='6'>
      <div className="mb-4">
       <h5 className="footer__link-title">Newsletter</h5>
       <p className="section__description">Subscribe to our newsletter</p>
        <div className="newsletter">
         <input type="email" placeholder='Email'/>
         <span>
          <i className="ri-send-plane-line"></i>
         </span>
        </div>
      </div>
      </Col>
      <Col lg='12'>
       <div className="footer__bottom">
        <p className="section__description d-flex
        align-items-center justify-content-center gap-1 pt-4">
          <i className="ri-copyright-line"></i>Copyright {year},
          Developed By: Suman Khatri. All rights reserved
        </p>
       </div>
      </Col>
     </Row>
    </Container>
  </footer>
  )
};
```

```
export default Footer;
```

Style:

```
.footer{
    background: blue;
    padding-top: 50px;
    padding-bottom: 15px;
}
.footer__logo i{
    color: aliceblue;
    font-weight: 400;
}
.footer__logo span{
    color: aliceblue;
    font-weight: 500;
}
.footer__logo-content{
    color: rgba(240, 248, 255, 0.637);
    margin-top: 15px;
    line-height: 30px;
}
.quick__link{
    border:none !important;
    background: transparent !important;
}
.quick__link a{
color: rgba(240, 248, 255, 0.644);
text-decoration: none;
font-weight: 300;
transition: 0.3s;
}
.quick__link a:hover{
    color: orange;
}
.footer__link-title{
    color: aliceblue;
}
.office__info{
color: rgba(240, 248, 255, 0.644);
font-weight: 300;

}
.newsletter{
    display: flex;
    align-items: center;
    justify-content: space-between;
    padding: 8px 12px;
```

```
    border: 1px solid black;
    border-radius: 50px;
    background: rgba(3, 3, 117, 0.712);
}
.newsletter input[type='email']{
    background: transparent;
    color: aliceblue;
    border: none;
    outline: none;
    height: 30px;
}
.newsletter span i{
    color: aliceblue;

}
.footer p{
    color: rgba(240, 248, 255, 0.644) ;

}
.footer__bottom {
    border-top: 1px solid #000;
}
.footer__bottom i{
    color: rgba(240, 248, 255, 0.644);
}
```

Index.css:

```
/* --------google fonts--------*/
@import
url('https://fonts.googleapis.com/css2?family=Source+Sans+Pro:ital,wght@0,200;0,400;0
,600;1,200;1,700&display=swap');

/*--------------base style-----*/
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Source Sans Pro', sans-serif;
}

/*-----------pre define css---------*/
h1,h2,h3,h4,h5,h6{
  color: rgb(0, 0, 0);
  font-weight:600 ;
  margin-bottom: 0;
}

h3,h4{
  font-size: 1.8rem;
```

```
}
h5,h6{
  font-size: 1.2rem;
}
a{
  text-decoration: none;
  color: unset;
}

a:hover{
  color: unset;
}

ul{
  margin: 0;
  list-style: none;
}
.section_title{
  color: blue;
  font-weight: 600;
  font-size: 2rem;
}
.section_subtitle{
  color:burlywood;
  font-weight: 600;
  font-size: 1.2rem;
}

.section_description{
  color:silver;
  font-size: 9rem;
  line-height: 30px;
}

.section{
  padding: 50px 0px;
}

.btn:hover{
  color:orange ;

}
.navbar-btn{
    margin-left: 10px;
    margin-right: 10px;
    background: blue;
    padding: 7px 7px ;
    color: aliceblue;
    border-radius: 5px;
}
```

```
.navbar-btn:hover{
    color: orange;
}
.button-with-margin-left  {
    margin-left:  10px;
  }

@media only screen and (max-width:768px){
  section{
    padding:  30px 0px;
  }
  .section_title{
    font-size:  1.6rem;
  }
  .section_subtitle{
    font-size:  1.1rem;
  }
}
```