A

SOFTWARE REQUIREMENT SPECIFICATION

ON

E-COMMERCE WEBSITE

UNDER

NON SYLLABUS PROJECT

Submitted To:

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(Academic Year 2022-23)(Odd)

CHAPTER 1:Introduction Of Project

1.1 OBJECTIVE OF PROJECT :

1. Manage Online Selling Costs In A Strategic Way.
2. Establish Deeper Business Relationships.
3. Provide a Unique Customer Experience.
4. Improve Customer Loyalty.
5. Refine Service Efficiency.
6. Identify The Right Target Audience.
7. Make your E - Commerce Website Mobile Responsive.
8. Sell More.

1.2 TYPES OF USERS :

1. **B2B Companies :** These are company accounts which buy wholesale goods from a B2B Ecommerce store. These accounts are created on request and act as the base or the parent user for its child users, known as Contact Persons. The contact persons are the one who performs the transactions on behalf of the company. Different types of discounts and product visibility are generally granted on these B2B Company accounts.
2. **B2C Users :** These users are the general retail users of an ecommerce website. There generally don't perform any wholesale transaction and do not have any parent company account.
3. **Contact Persons (Admin) : T**hese types of users are created under the B2B Company accounts and perform all the transactions on behalf of the company. They can place orders on the company account and billing address. The admin can view orders of other contact persons of the same company. The admin can add other contact persons of the company as well**.**
4. **Contact Persons (Non-Admin) :** The same as the contact person admin, the only difference is that they neither can create other contact persons, nor they, can view orders places by other contact persons of a company. They can, of course, place orders on behalf of the company.
   One important thing to note is that Contact person admin has the power to approve the orders places by other contact persons and can send quotations prior to placing orders.
5. **Sales Representatives or Sales Reps :** These are the users belonging to the B2B Ecommerce company who places orders on behalf of any B2B user accounts. One sales rep can place orders for multiple companies. These users act as a bridge between the B2B Ecommerce and its wholesale customers to facilitate the wholesale business.

1.3 DEPENDENCY :

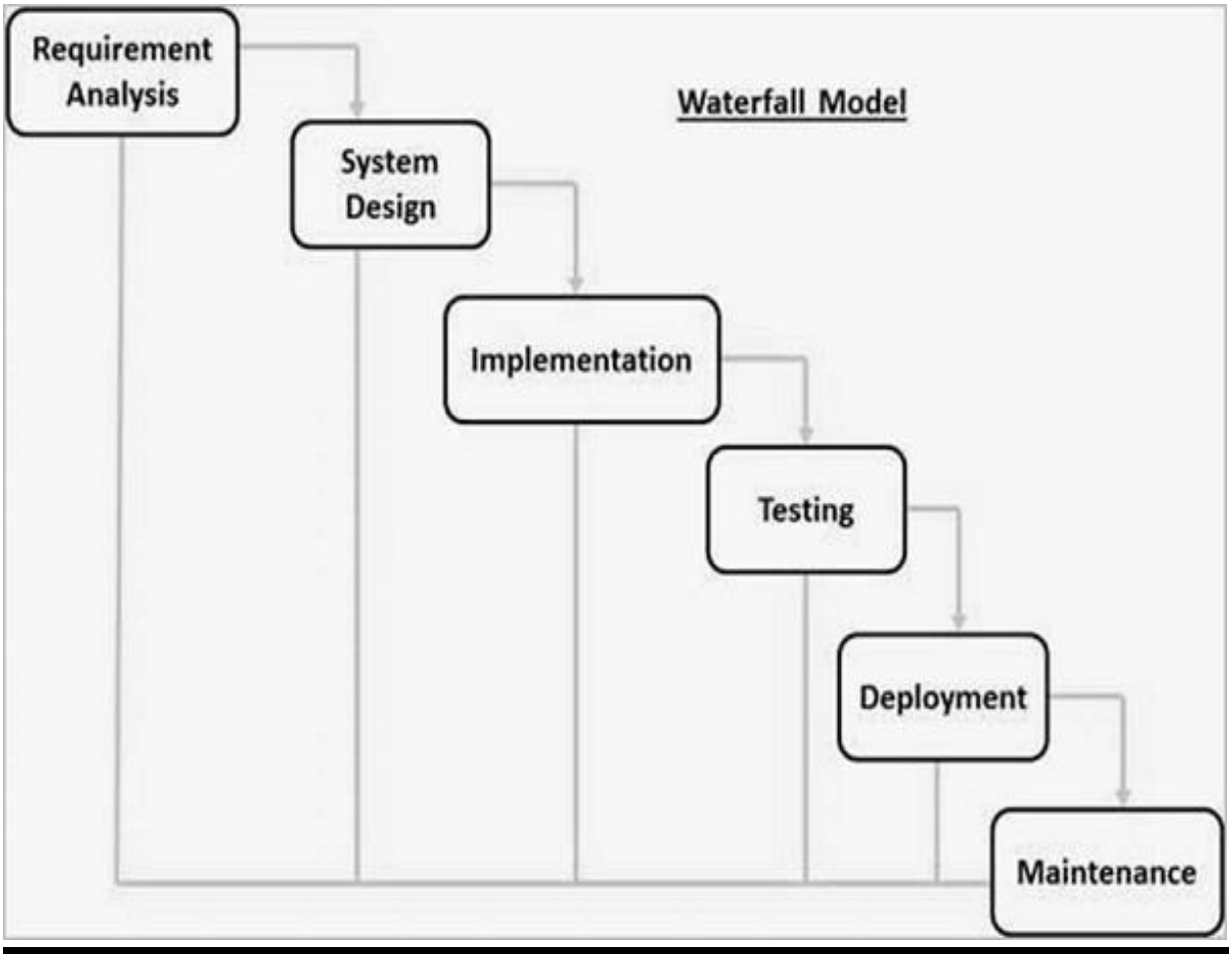
- Creative Content
- Product Imagery
- Product Copy
- Language Translation Variations of Content & Product Copy
- Identified Organizational Skill Sets & Training Requirements
- User Acceptance Testing (UAT) Test Cases
- System Integration Testing (SIT) Test Cases
- Core Systems Integration Data & API Access
- Customer Data
- Order Data
- Inventory Data
- Customer Demographics Data
- Product Information Management (PIM)
- Payment & Credit Gateways
- Warehouse Management System (WMS)
- Enterprise Resource Planning (ERP)
- Fraud Detection Services
- Content Delivery Network (CDN)
- Tax Service
- Shipping Services
- Identification & Signed SOW with Hosting Provider

1.4 METHODOLOGY USED :

The Waterfall Model was the first Process Model to be introduced. It is also referred to as a linear-sequential life cycle model. It is very simple to understand and use. Ina waterfall model, each phase must be completed before the next phase can begin and there is no overlapping in the phases.
The Waterfall model is the earliest SDLC approach that was used for software development.
The waterfall Model illustrates the software development process in a linear sequential flow. This means that any phase in the development process begins only if the previous phase is complete. In this waterfall model, the phases do not overlap.

The sequential phases in Waterfall model are –

- Requirement Gathering and Analysis
- System Design
- Implementation
- Integration and Testing
- Deployment of System
- Maintenance



Chapter 2: Requirement Analysis

2.1 FUNCTIONAL REQUIREMENT :

- **Third-Party Integrations**
- **Mobile-Friendliness**
- **Product Attributes**
- **Order & Checkout Flow**
- **Social Sharing**

2.2 NON FUNCTIONAL REQUIREMENTS :

- **Usability**
- **Security**
- **Performance**
- **Maintainability**
- **Scalability**

2.3 TECHNOLOGY USED :

- **HTML**
- **CSS**
- **JAVASCRIPT**

2.4 HARDWARE CONFIGURATION :

Hardware requirements for insurance on internet will be same for both parties which are as follows:

- Processor: Dual Core
- RAM:2GB
- Hard Disk:10 GB

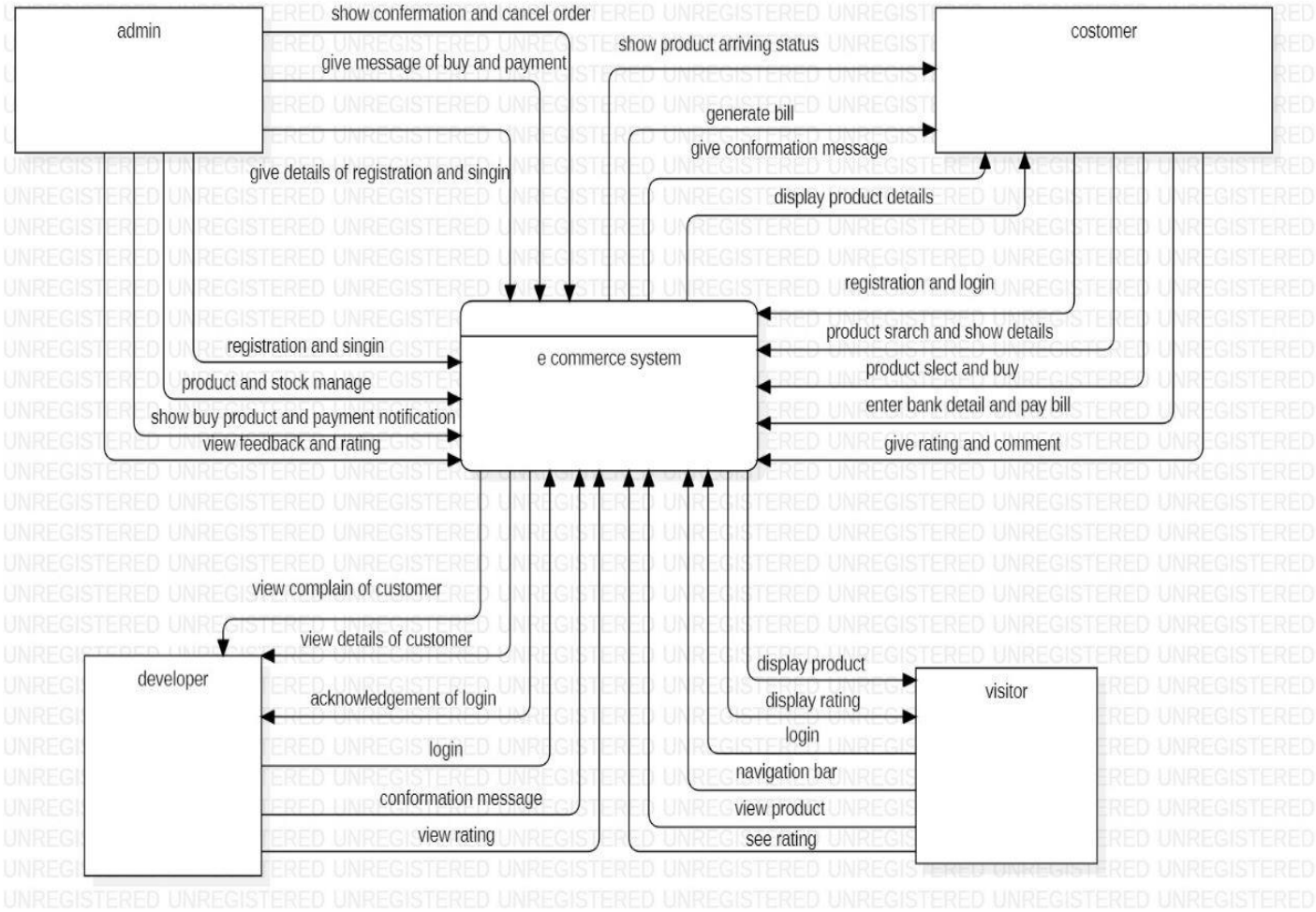
2.5 GRAPHICAL USER INTERFACE :

Various interfaces for the product could be:

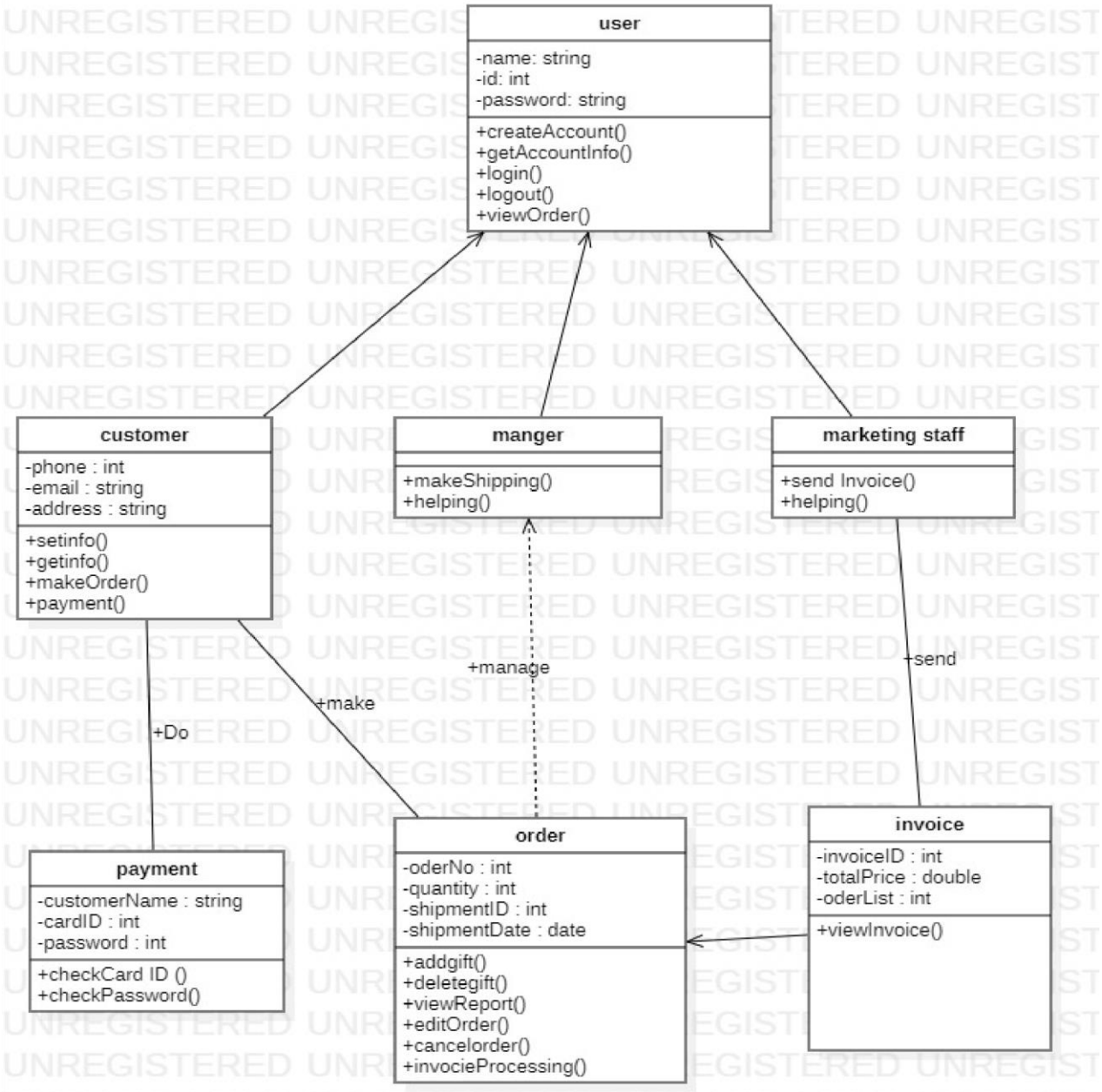
- Landing Page (All the past, and upcoming events can be checked from here)
- Admin
  - Registration Page
  - Login Page
  - Women Section
  - Men section
- User
  - Login
  - Dashboard
  - Edit Details
  - Activity List
- Option to download stored data in desirable format

Chapter 3 : Design

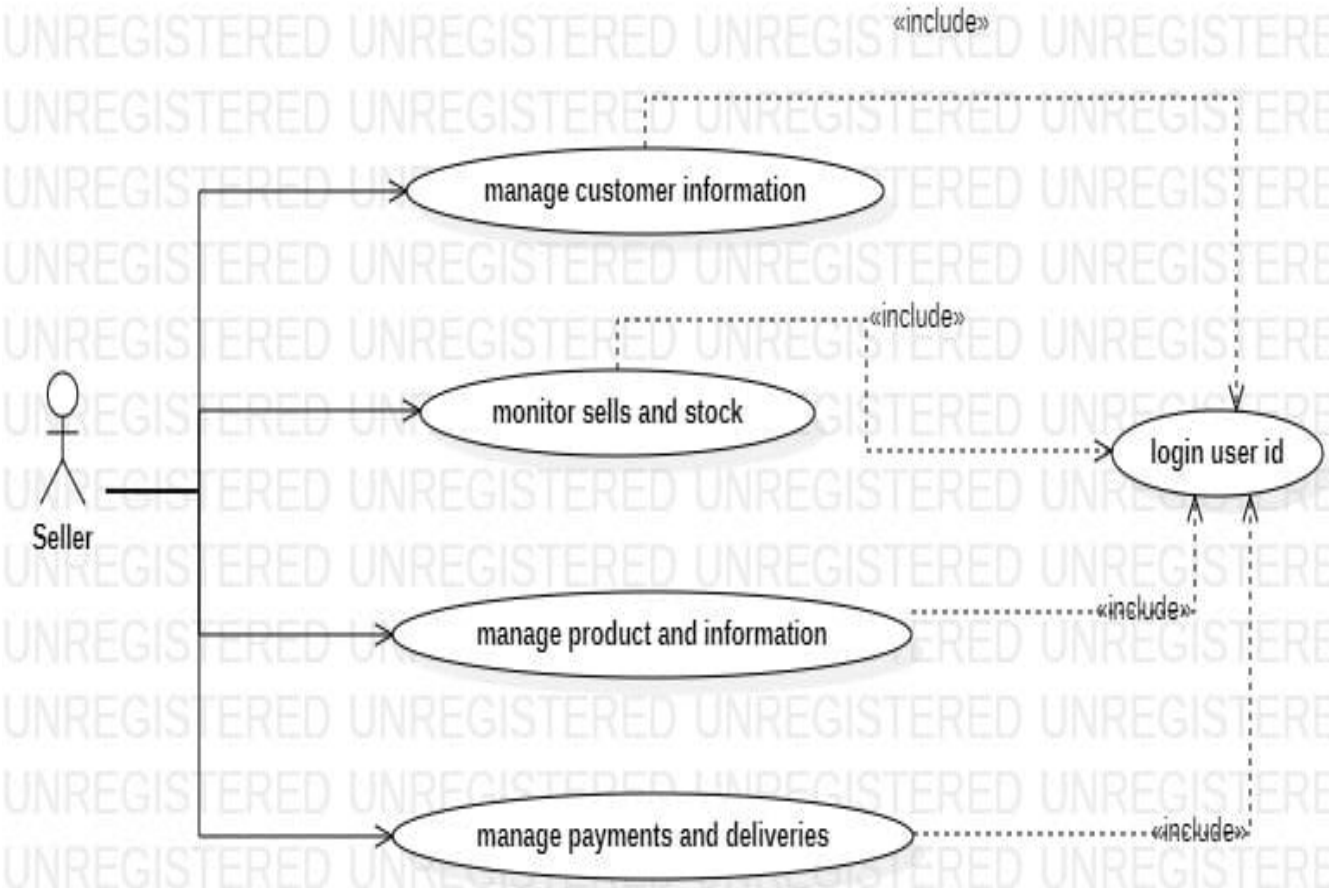
3.1 DFD :



3.2 UML(Class Diagram) :



3.2 UML(Use Case) :



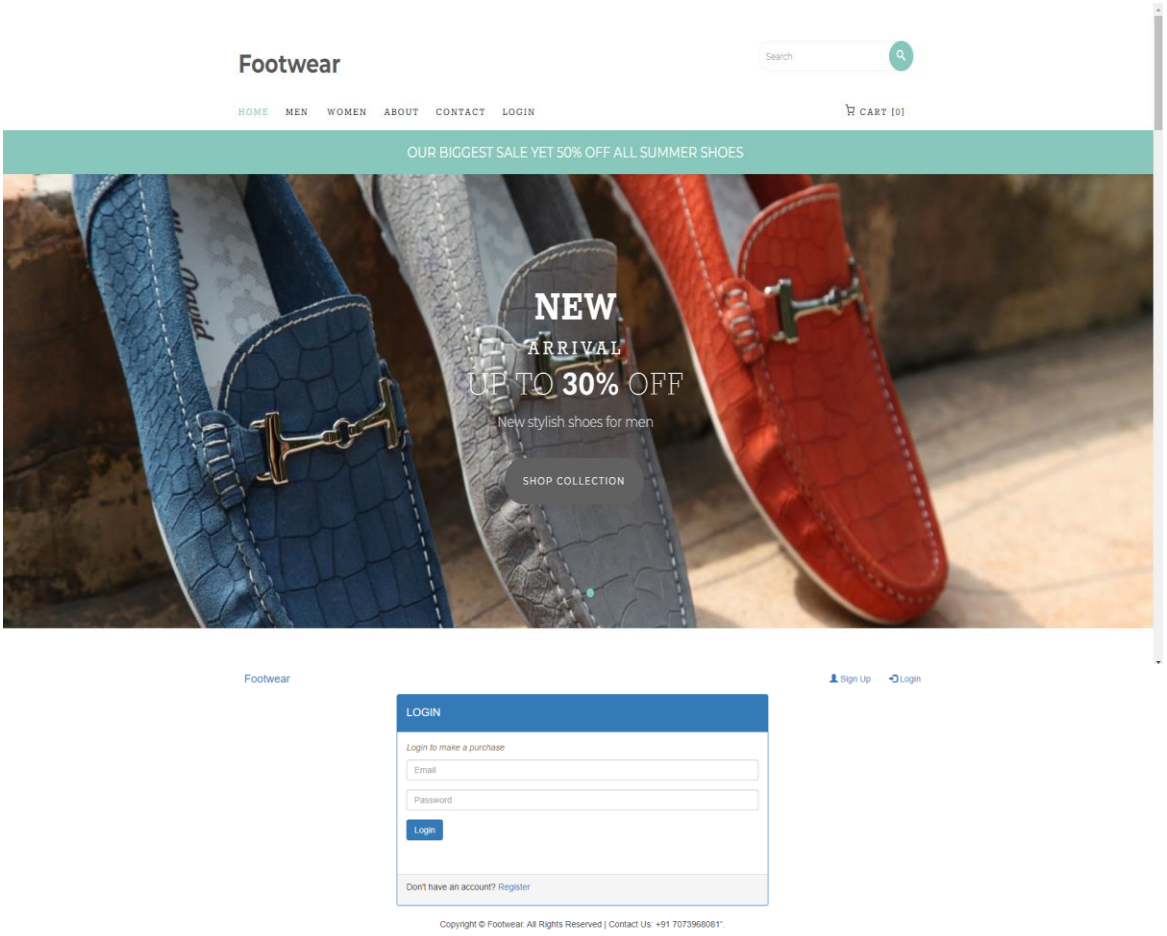
Chapter 4 : Conclusion

Technology has made significant progress over the years to provide consumers a better online shopping experience and will continue to do so for years to come. With the rapid growth of products and brands, people have speculated that online shopping will overtake in-store shopping. While this has been the case in some areas, there is still demand for brick and mortar stores in market areas where the consumer feels more comfortable seeing and touching the product being bought. However, the availability of online shopping has produced a more educated consumer that can shop around with relative ease without having to spend a large amount of time. In exchange, online shopping has opened up doors to many small retailers that would never be in business if they had to incur the high cost of owning a brick and mortar store. At the end, it has been a win-win situation for both consumer and sellers.

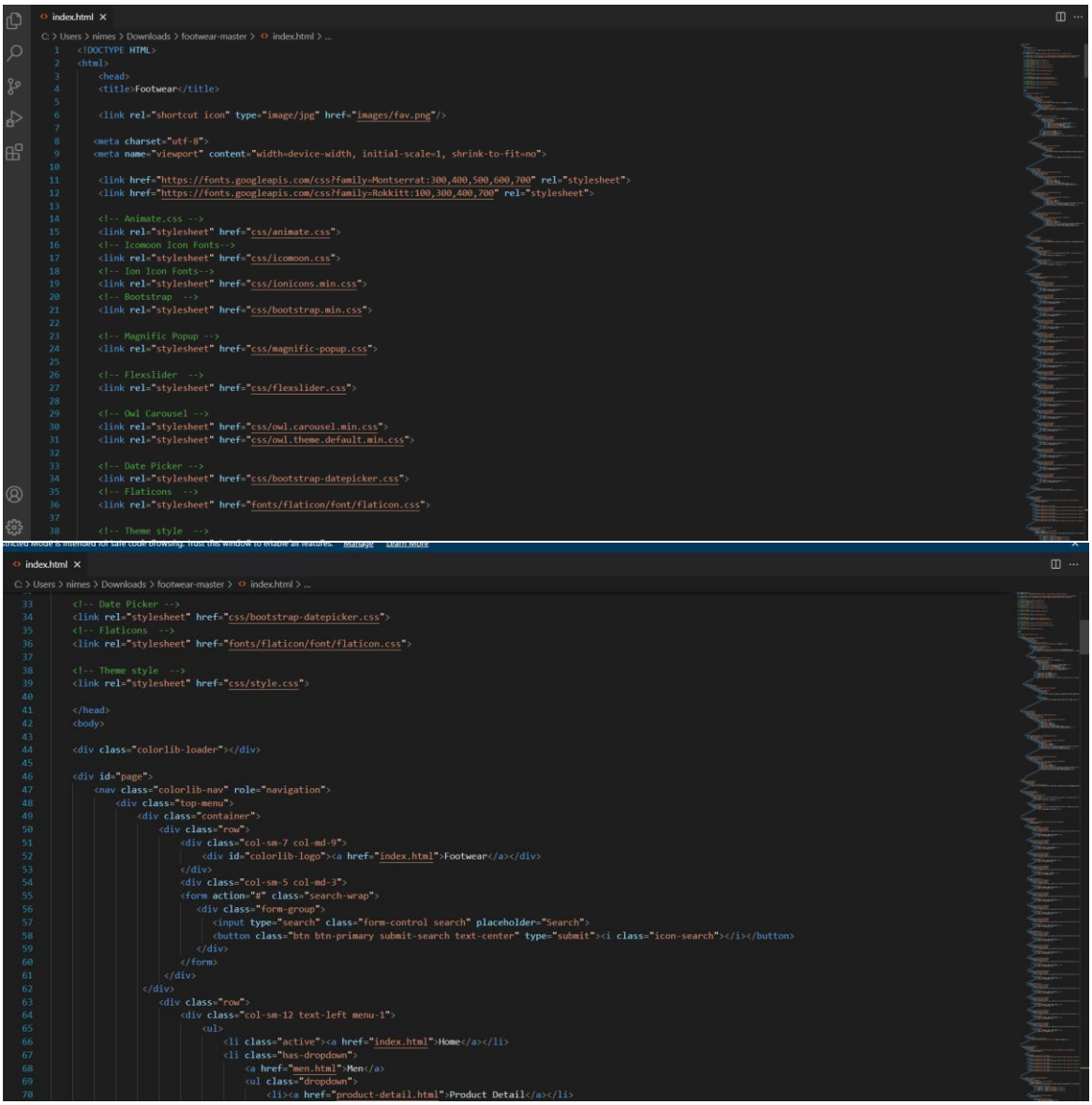
Chapter 5 :References

- https://www.w3schools.com/html/
- https://google.com
- https://youtube.com
- https://www.geeksforgeeks.org

Chapter 6 : Snapshots of Your project



Chapter 7 : Code



```
index.html
C: > Users > nimes > Downloads > footwear-master > index.html > ...
<!DOCTYPE HTML>
<html>
    <head>
    <title>Footwear</title>

    <link rel="shortcut icon" type="image/jpg" href="images/fav.png"/>

    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <link href="https://fonts.googleapis.com/css?family=Montserrat:300,400,500,600,700" rel="stylesheet">
    <link href="https://fonts.googleapis.com/css?family=Rokkitt:100,300,400,700" rel="stylesheet">

    <!-- Animate.css -->
    <link rel="stylesheet" href="css/animate.css">
    <!-- Icomoon Icon Fonts-->
    <link rel="stylesheet" href="css/icomoon.css">
    <!-- Ion Icon Fonts-->
    <link rel="stylesheet" href="css/ionicons.min.css">
    <!-- Bootstrap  -->
    <link rel="stylesheet" href="css/bootstrap.min.css">

    <!-- Magnific Popup -->
    <link rel="stylesheet" href="css/magnific-popup.css">

    <!-- Flexslider  -->
    <link rel="stylesheet" href="css/flexslider.css">

    <!-- Owl Carousel -->
    <link rel="stylesheet" href="css/owl.carousel.min.css">
    <link rel="stylesheet" href="css/owl.theme.default.min.css">

    <!-- Date Picker -->
    <link rel="stylesheet" href="css/bootstrap-datepicker.css">
    <!-- Flaticons  -->
    <link rel="stylesheet" href="fonts/flaticon/font/flaticon.css">

    <!-- Theme style  -->
```



```
index.html
C: > Users > nimes > Downloads > footwear-master > index.html > ...
    <!-- Date Picker -->
    <link rel="stylesheet" href="css/bootstrap-datepicker.css">
    <!-- Flaticons  -->
    <link rel="stylesheet" href="fonts/flaticon/font/flaticon.css">

    <!-- Theme style  -->
    <link rel="stylesheet" href="css/style.css">

    </head>
    <body>

    <div class="colorlib-loader"></div>

    <div id="page">
        <nav class="colorlib-nav" role="navigation">
            <div class="top-menu">
                <div class="container">
                    <div class="row">
                        <div class="col-sm-7 col-md-9">
                            <div id="colorlib-logo"><a href="index.html">Footwear</a></div>
                        </div>
                        <div class="col-sm-5 col-md-3">
                        <form action="#" class="search-wrap">
                          <div class="form-group">
                              <input type="search" class="form-control search" placeholder="Search">
                              <button class="btn btn-primary submit-search text-center" type="submit"><i class="icon-search"></i></button>
                          </div>
                        </form>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col-sm-12 text-left menu-1">
                            <ul>
                                <li class="active"><a href="index.html">Home</a></li>
                                <li class="has-dropdown">
                                    <a href="men.html">Men</a>
                                    <ul class="dropdown">
                                        <li><a href="product-detail.html">Product Detail</a></li>
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I here by declare that the Non syllabus Project report entitled "**E - COMMERCE WEBSITE**" was carried out and written by me under the guidance of **SHIKHA GAUTAM** , Assistant Professor, Department of Computer Engineering,Poornima Institute of Engineering & Technology, Jaipur. This work has not been previously formed the basis for the award of any degree or diploma or certificatenorhas been submitted elsewhere for the award of any degree or diploma.

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