

A Project Report on
FRONT END DESIGN FOR PHOTOSHOOTX

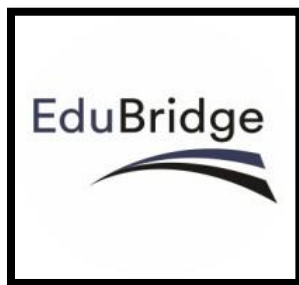
Submitted to

Edubridge Learning Private Limited, Mumbai
In partial fulfillment of the requirements for the award of
Course in
SOFTWARE TESTING

By
Miss. Snehal Raghunath Thomake
(Center–Thane, Batch code –7670)

Under Guidance of
Mrs. Mohana Priya
(Center Trainer Software Testing)

Course for Software Testing



Edubridge Learning Private Limited, Mumbai

2022-2023

Edubridge Learning Private Limited, Mumbai

CERTIFICATE

Certified that this project report “**Front end design for Photo shoot**” is the bonafide work of “**Snehal Raghunath Thomake**” who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

SIGNATURE

Mrs. MOHANA PRIYA

(Center Trainer Software Testing)

Abstract

The business-to-consumer aspect of electronic commerce is the most visible business use of the World Wide Web. The primary goal of an e-commerce site is to sell goods and services online. This project deals with developing an e-commerce website for online booking for photo shoot. It provides the user with a catalog of different photography available for order in the store. In order to facilitate online purchase a photo shoot is provided to the user.

This is a project with the objective to develop a basic website where a consumer is provided with an editing photo application and also to know about the technologies used to develop such an application. This document will discuss each of the underlying technologies to create and implement a photo shoot

INDEX

Chapter no.	Title	Page no.
1	INTRODUCTION	6
2	SCOPE AND OBJECTIVE	7
2.1	OBJECTIVE	7
2.2	SCOPE	7
3	HARDWARE AND SOFTWARE REQUIREMENT	8
3.1	HARDWARE REQUIREMENT	8
3.2	SOFTWARE REQUIREMENT	9
4	SYSTEM DESIGN	10
4.1	USE CASE DIAGRAM	10
4.1.1	USE CASE TABLE	11
4.1.2	USE CASE DESCRIPTION	12
4.2	ACTIVITY DIAGRAM	15
4.3	CLASS DIAGRAM	16
4.4	E-R DIAGRAM	17
4.5	DATA LEVEL FLOW DIAGRAM	18
5	IMPLEMENTATION	19
5.1	CONCEPT	19
5.2	MODULE	20
6	SYSTEM CODING	22
6.1	MAIN PRIGRAM IN HTML AND JAVA SCRIPT	22
6.1.1	SCREENSHOT FOR MAIN PAGE	34
6.2	ABOUT US	35
6.3	GALLERY PAGE	40
6.4	CONTACT PAGE	46
6.5	PHOTOSHOOT ORDER	55
6.6	LOGIN AND REGISTER PAGE	60
6.7	WORKING PROGRESS PAGE	70

6.8	DATABASE CONNECTIVITY	74
7	SYSTEM TESTING	76
7.1	SOFTWARE TESTING	76
7.2	TESTING METHODOLGIES	78
7.3	EQUIVALENCE CLASS PARTITIONING AND BOOUNDARY ANALYSIS	79
7.4	TEST CASES	82
7.5	AUTOMATION TESTING	86
8	CONCLUSION	91

1 INTRODUCTION

As technology advances internet is becoming ever popular. Website has become an essential part. Often website of an institution is used as major requirements to rate it. Thus having a website is essential for any major organization. As one of the department of a top public university in Bangladesh, Department of Accounting & Information Systems needs to have a useful and stunning website to showcase the department and use as a medium to interact with students, teachers and others. Notice, research works, club activities, digital local library etc. can be the major advantages of a website.

Online photo processing System software is a commercial product for the normal user to get digital photo printing service. This document provided for the requirement and design specification so that developer can get the clear idea of the system and also the design specification of the system. This is very useful for the customer to know about front-end.

Functions like Marriage, Engagements, Annual Functions, and Birthday Functions are very normal and everyone wants to record their memories. They required today latest Equipment's and Cameras and Visual effects are in the service area. The computer System with photo graphic software makes very good digital images and printings in the printers. Good albums with outdoor photos and designs also made very attractive. When the photo snaps are taken and recorded in digital computers and Medias. That's why I've been developed photography websites.

2 SCOPE AND OBJECTIVE

2.1 Objective

Online photo shoot order is the process where by consumers directly buy goods and services over the internet. The goal of this website is to develop a web-based interface for consumers all over India, the website would be easy to use and hence the photography experience pleasant for the consumers. The main goal of this website is:

1. To develop an easy-to-use web-based interface where user can search for the new photo shoot, view a complete description of the photos and order the photo shoot.
2. Bring inspiration and joy to people, everywhere, every day.
3. We occasional introduce new deals and new offer to the consumers.

2.2Scope

A typical photography website's objective is to show off photos or images in a way that will attract new clients. This is somewhat different than most business websites, where the primary objective is to make a sale. Insofar as photograph is an art form, a photography website is also different in that there is greater room for creativity.

Photography websites tend to be visually rich. On the other hand, the design approach you take should be quite subtle – even minimalist. The purpose is to highlight the photos, and not the website's design characteristics. Excessive clutter can be distracting, and draw your visitors' attention away from the photos; the exact opposite of what you want to happen.

3 HARDWARE AND SOFTWARE REQUIREMENT:

3.1 Hardware requirements:

To install and use the front end products, each computer on which you install the Modeling Studio and/or PDA must have at least the following hardware and system capabilities.

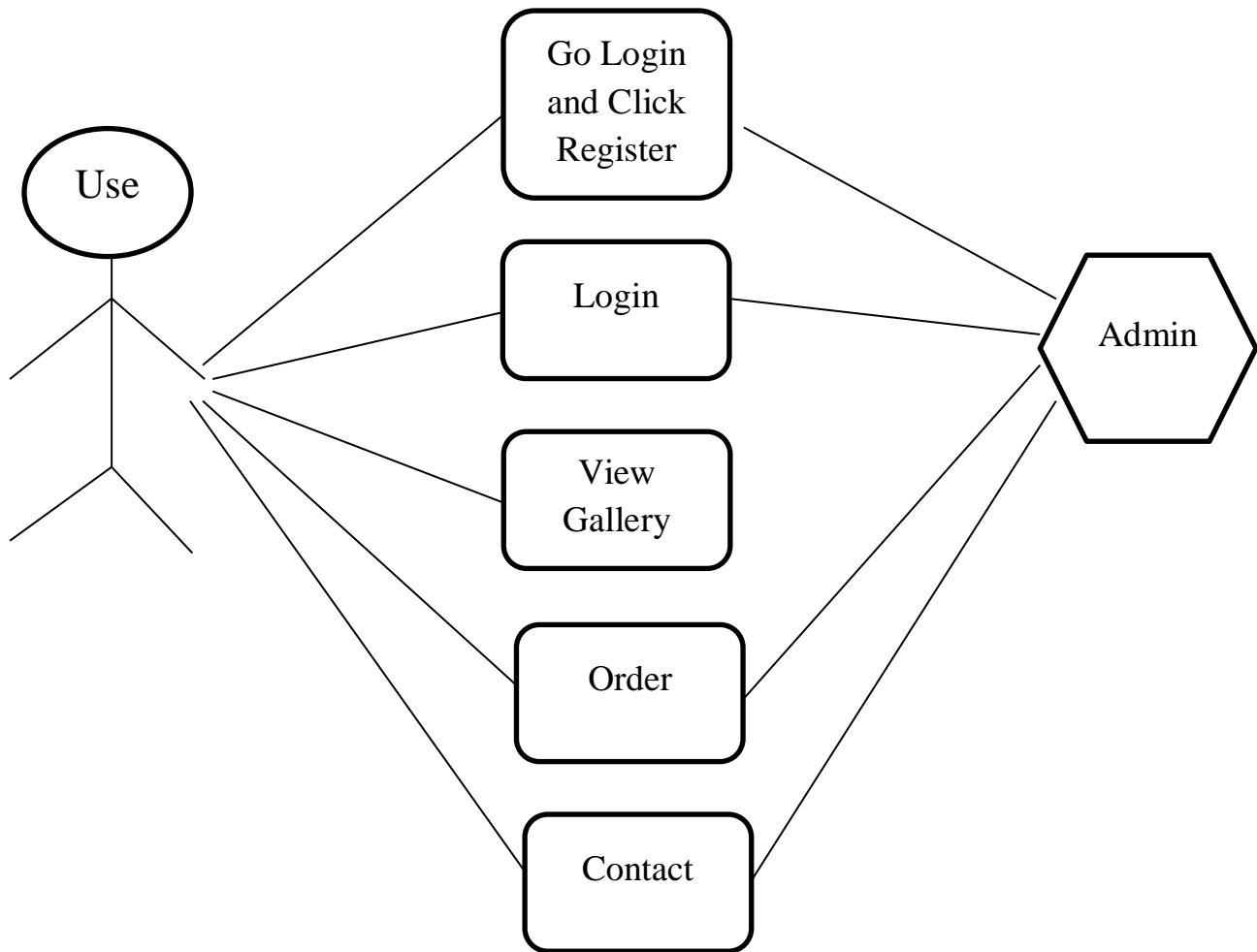
Requirement Type	Requirement Specifications
Processor(CPU)	Minimum: 2.7 GHz 64-bit dual-core processor Recommended: 2.7 GHz 64-bit quad-core processor
RAM	8.0 Gigabytes
Hard disk Drive	3 Gigabytes
Display	Minimum: 1280 x 1024 24-bit Recommended: 1600 x 1200 True Colour 32-bit

3.2 Software requirements:

Number	Description
1	Window 7,8,10
2	HTML/ CSS / SQL / Selenium
3	PHP 5.5.38
4	Compiler: notepad, Visual studio, sublime, Selenium
5	Apache version: Apache/2.4.64(win64) Open SSL/1.0.2h PHP/5.5.388
6	Browser for Output : Chrome or Firefox or Edge or Opera

4 SYSTEM DESIGN

4.1 Use Case Diagram



4.1.1 Use Case Table

Use Case	Actor	Descriptions
Create new Account (Register)	User And Admin	User have to Enter <ul style="list-style-type: none">• User Name• Email ID• New Password• Password
Login	User And Admin	User have to entre <ul style="list-style-type: none">• Username• Password
View Gallery	User	<ul style="list-style-type: none">• A customer logs in to PhotoshootX website• Registered customer selects photo type to order. [Exception: function photo, modeling photo.....]
Order	User And Admin	<ul style="list-style-type: none">• A customer logs in to PhotoshootX website• Registered customer select photo to order
Contact	User And Admin	<ul style="list-style-type: none">• A customer logs in to PhotoshootX website• Check Contact Details• With help of contact order the photo shoot.• Ask any questions and requirement of Photo shoot.

4.1.2 Use case Description

- **Use Case Name:** PhotoShootX About us

Summary:

This use case describes how the user can browse the catalog, view photo shoot shop details. Check Shop details about shop.

Actors: Registered customer, Admin.

Preconditions:

- 1) Customer must have register on PhotoshootX website.
- 2) The PhotoShootX website must have shopping it for customer to order
- 3) Customer must have internet plus computer, smartphone, Tabs, laptop and similar device to access PhotoShootX.

Post conditions:

The customer pays for hand to hand and contact for customer photo-shoot.

Description ("Registered customer"):

1. A customer logs in to the PhotoShootX website.
 2. Registered customer selects items to order. [Exception: Function photo, Fashion photo, Nature Photo]
 4. Customer checks out
 5. The PhotoShootX admin then creates and updates order for given customer
- The use case terminates at this point.

- **Use Case Name:** Creating Account PhotoShootX

Summary:

This use case describes how the user can create new account

Actors: Registered customer, Admin.

Preconditions:

- 1) User have to go on PhotoShootX website
- 2) User have to click on login and the click on Register.

3) User have to entre

- User Name
- Email ID
- Password

Post conditions:

The customer have to entre valid credentials to the given text box

Description ("Registered customer"):

1. A customer logs in to the PhotoShootX website.
2. User have to entre valid Credentials to given text box.

- **Use Case Name:** Login Account PhotoShootX

Summary:

This use case describes how the user can Login to the PhotoShootX Website

Actors: Registered customer, Admin.

Preconditions:

- 1) User has to go on PhotoShootX website
- 2) User has to click on login
- 3) User has to entre
 - Username
 - Password

Post conditions:

The customer has to give valid credentials

Description ("Registered customer"):

1. A customer logs in to the PhotoShootX website.
2. User have to entre valid Credentials to given text box.

- **Use case name:** Photo-Shoot order

Summary:

A customer has placed order for a product along with his payment details.

Actors: Admin, Customer

Pre-conditions:

Go to Photo-Shoot order, Product availability, and contact payment method

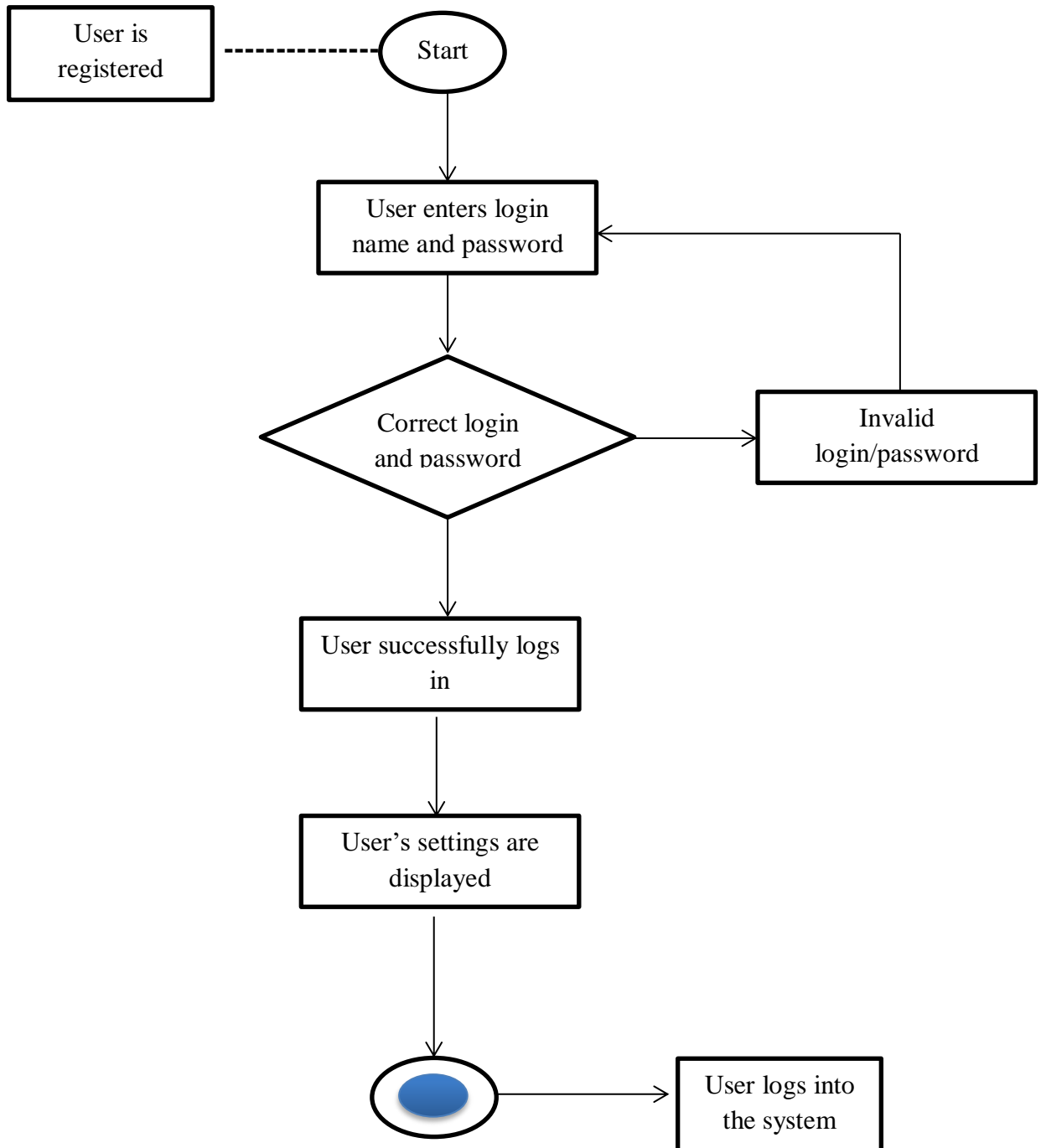
Description:

1. Customer logs into Photo Shoot.
2. Customer likes photos. They order using contact payment method
3. Admin monitors transaction and on successful payment ships the product to address specified.

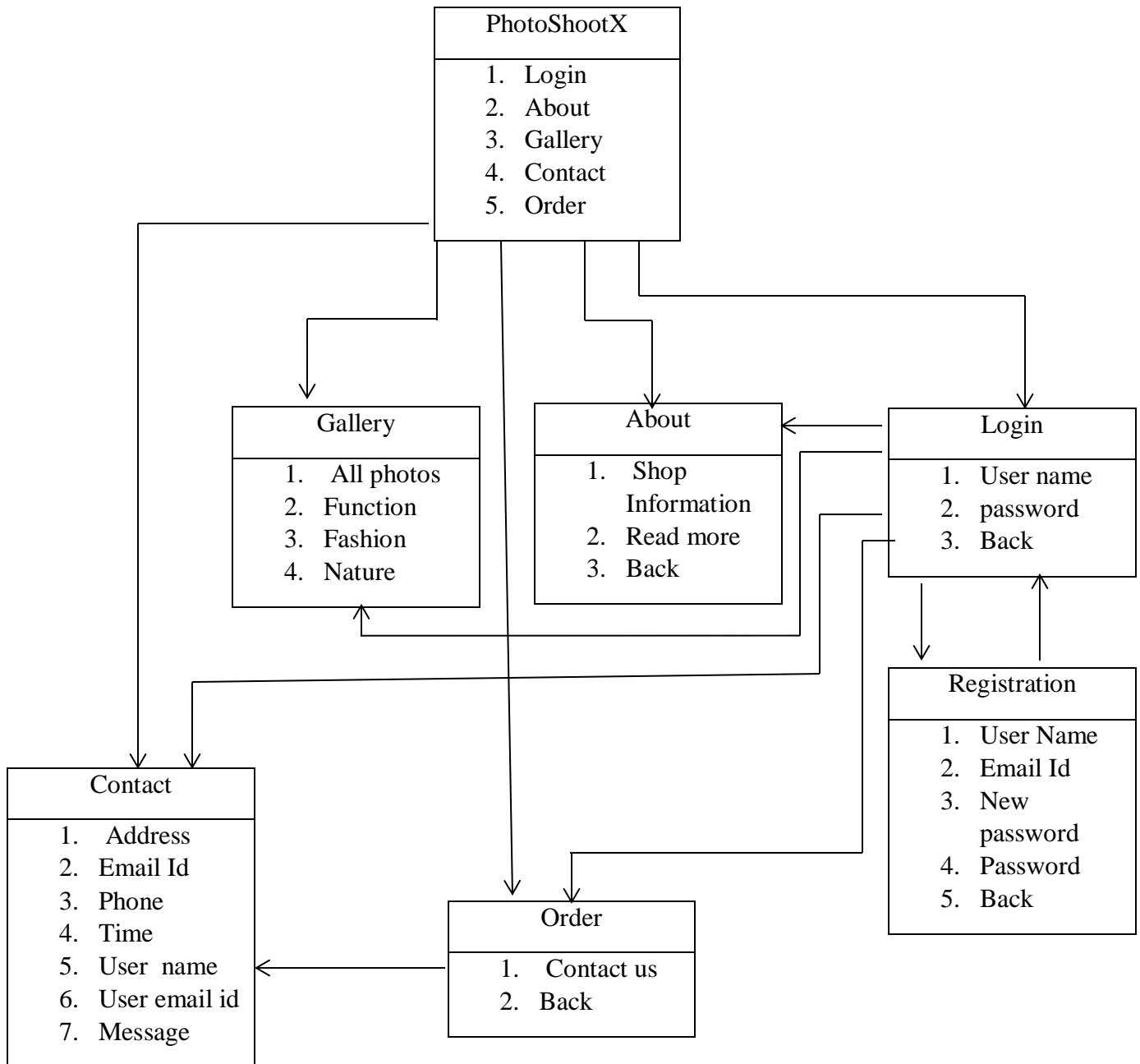
Exceptions:

1. Payment not authorized. In that scenario – admin has to reject the current transaction
And contact user.
2. Delay in shipping as product arrives late from the supplier.

4.2 Activity Diagram

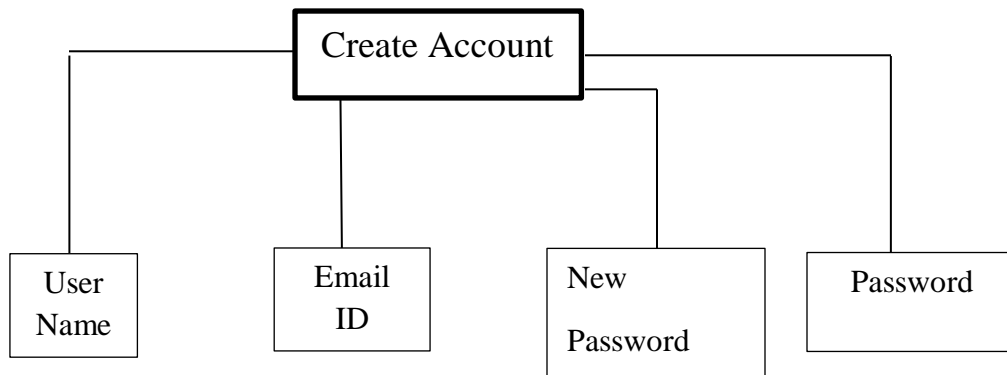


4.3 Class Diagram

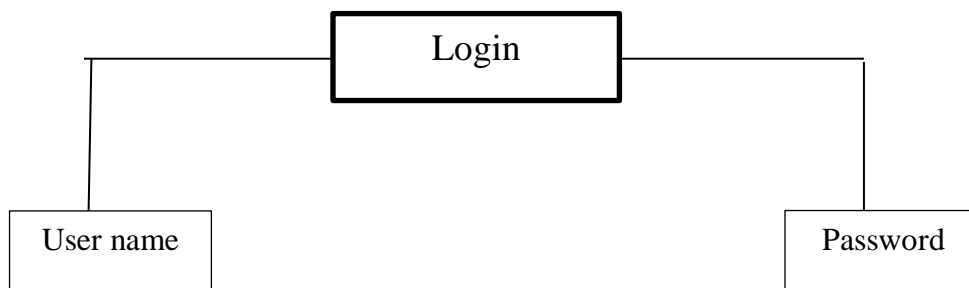


4.4 E-R Diagram

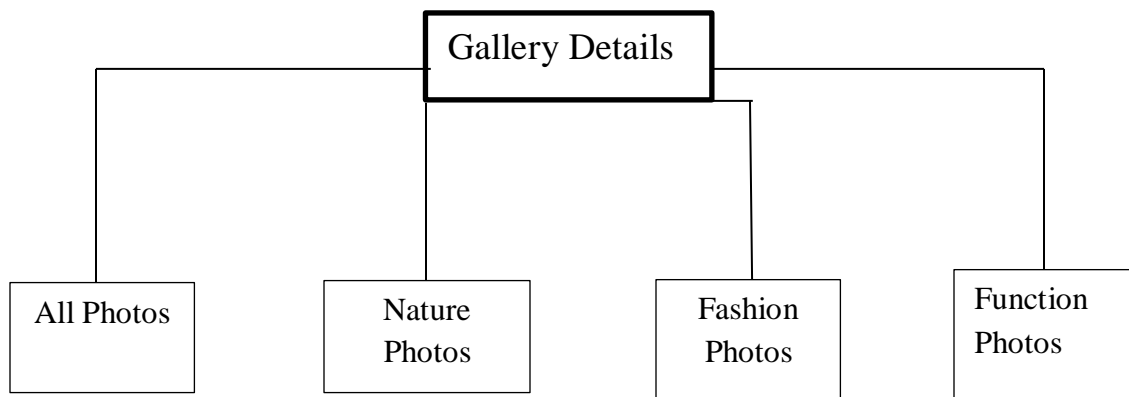
- **Create Account**



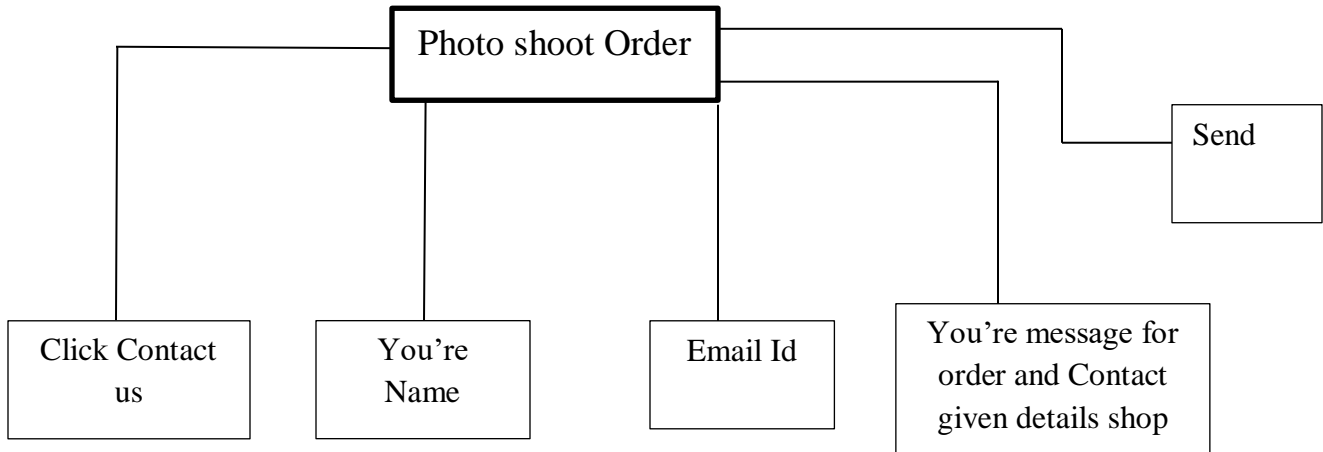
- **Login**



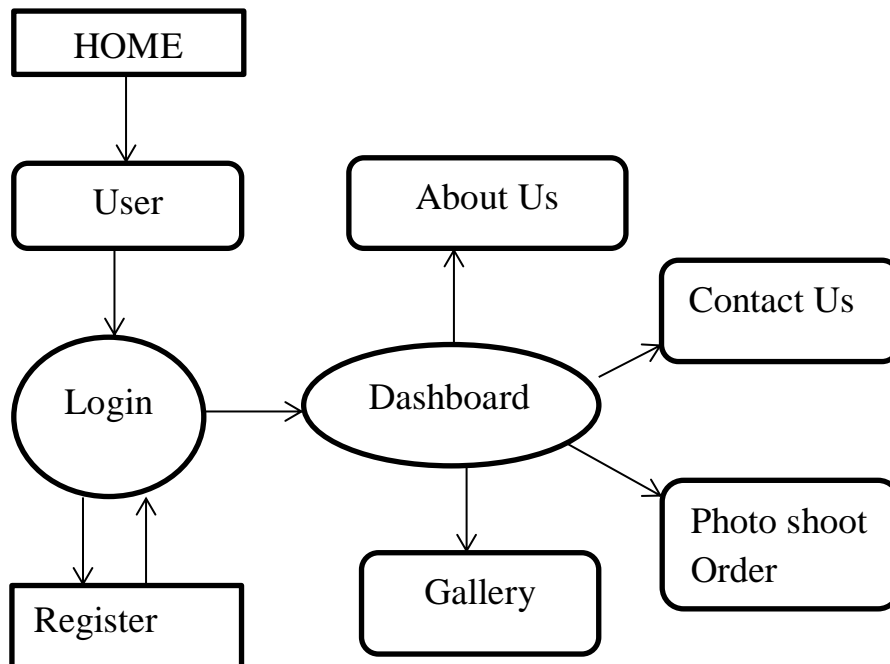
- **Gallery Details**



- **Photos shoot Orders**



4.5 Data Level Flow Diagram



5 IMPLEMENTATION

5.1 Concepts

HTML

The Hyper Text Markup Language (HTML) programming language, which defines the structure and meaning of web content, is a building block for front-end development. Through HTML, browsers display text or load elements, rendering webpages, which contain hyperlinks and links to other webpages, for users.

HTML elements always have opening tags, content in the middle and closing tags. Attributes can provide additional information about the element and are included in the opening tag. Elements can be described in one of two ways:

Block-level elements start on a new line in the document and take up their own space. Examples of these elements include headings and paragraph tags.

Inline elements do not start on a new line in the document and only take up necessary space. These elements usually format the contents of block-level elements. Examples of inline elements include hyperlinks and text format tags.

CSS

Cascading style sheets (CSS) is the standard language that specifies how to display HTML content: fonts, foreground and background colors, etc. With CSS, you can control the design layout and its components for various devices like desktops, tablets, and smartphones. Examples of the components are the header, body, footer, content, asides, and sections.

CSS tutorial or CSS 3 tutorial provides basic and advanced concepts of CSS technology. Our CSS tutorial is developed for beginners and professionals. The major points of CSS are given below:

- CSS stands for Cascading Style Sheet.
- CSS is used to design HTML tags.
- CSS is a widely used language on the web.
- HTML, CSS and JavaScript are used for web designing. It helps the web designers to apply style on HTML tags.

JavaScript

JavaScript (JS) extends the functionality of websites beyond HTML and CSS. Through JS:

- Webpages can refresh themselves dynamically and respond to user actions without page reloads or other changes.
- You can model animated UI components, such as pop-ups, image sliders, and extensive navigation menus.

JavaScript (js) is a light-weight object-oriented programming language which is used by several websites for scripting the webpages. It is an interpreter, full-fledged programming language that enables dynamic interactivity on websites when applied to an HTML document. It was introduced in the year 1995 for adding programs to the webpages in the Netscape Navigator browser. Since then, it has been adopted by all other graphical web browsers. With JavaScript, users can build modern web applications to interact directly without reloading the page every time. The traditional website uses js to provide several forms of interactivity and simplicity.

Although, JavaScript has no connectivity with Java programming language. The name was suggested and provided in the times when Java was gaining popularity in the market. In addition to web browsers, a database such as Couch DB and MongoDB uses JavaScript as their scripting and query language.

5.2 Module

- **Registration:**

A new user will have to register in the system by providing essential details in order to view the products in the system. The admin must accept new user by unblocking him.

- **Login:**

A user must login with his username and password to the system after registration.

- **View Gallery:**

User can view the list of gallery based on their names after successful login. A detailed description of a particular photo with photos name, photos details and price can be viewed by users.

- **View About Us:**

Users can see for shop information in the about us.

- **Photo-shoot Order:**

The user can add the desired photo into his choice by clicking order to option on the photo shoot.

They can view his order by clicking on the photo-shoot. Click all photos by your choice and requirements.

- **View Contact:**

Users can see for contact details and contact photo shop keeper for any questions and more information.

6 SYSTEM CODING

6.1 Main program (Front page) in HTML and JAVA SCRIPT

```
<!DOCTYPE html>
<html>
<head>
<title> Creat front web page project</title>
<link href="https://unpkg.com/aos@2.3.1/dist/aos.css" rel="stylesheet">
<link rel="stylesheet" type="text/css" href="style.css">
<link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
</head>
<body>
<header>
<nav>
<div class="logo"> Photo<span>Shoot</span>X
</div>
<div class="menu">
<a href="front page.html">Home</a>
<a href="About.html">About</a>
<a href="All.html">Gallery</a>
<a href="contact.html">Contact</a>
<a href="order.html">Photo Shoot Order</a>
</div>
<div class="icon">
<i class="fa fa-search"></i>
<a href="login.html">Login</a>
</div>
</nav>
<section class="h-text">
<i class="fa fa-camera" id="camera"></i>
<h1 data-aos="fade-up"> The Smiling Pictures always give you memory.</h1>
<input type="text" name="" placeholder="search here...">
<button> <i class="fa fa-search"></i></button>
</section>
</header>
<section class="filter-gallery">
<div class="portfolio-menu">
<ul>
```

```

<li class="active" data-filter="*">All</li>
<li data-filter=".nature">Nature</li>
<li data-filter=".faishon">Faishon</li>
<li data-filter=".function">Function</li>
</ul>
</div>
<div class="portfolio-item">
<div class="item nature" data-aos="flip-left" data-aos-offset="50" data-aos-delay="100">

</div>
<div class="item faishon" data-aos="flip-left" data-aos-offset="50" data-aos-delay="200">

</div>
<div class="item function" data-aos="flip-left" data-aos-offset="50" data-aos-delay="300">

</div>
<div class="item nature">

</div>
<div class="item faishon">

</div>
<div class="item function">

</div>
<div class="item nature">

</div>
<div class="item faishon">

</div>
<div class="item function">

</div>
<div class="item nature" >

</div>
<div class="item faishon">

</div>

```

```

<div class="item function">

</div>
<div class="item nature">

</div>
<div class="item faishon">

</div>
<div class="item function">

</div>
</div>
</section>
<section class="member">
<div class="member-info">
<h1> Our<span> Information</span></h1>
<p> What our member says</p>
</div>
<div class="member-card">

<p>
From Maharashtra,Doing smile is good for healthy life. it helps
our body to energies.it release stress from our mind.
</p>
<h2>*Snehal Thomake</h2>



</div>
<div class="m-images">






</div>
</section>
<footer>

```



```

<div class="newsletter">
<div>
<h2> Subscribe our newsletter</h2>
<p> we are a team of non-cynics who truly care for our.</p>
</div>
<div class="ntext">
<label>
<input type="text" name="" placeholder="Enter Your Email">
<button> Subscribe</button>
</label>
</div>
</div>
<div class="f-contact">
<div>
<h1> Information</h1>
<a href="underpage.html"> Snehal Thomake,<br> from Edubride photshoot. <br>Thane
center(7670)</a><br>
<i class="fa fa-whatsapp"></i>
<i class="fa fa-instagram"></i>
<i class="fa fa-telegram"></i>
<i class="fa fa-twitter"></i>
</div>
<div>
<h1>Useful links</h1>
<a href="underpage.html"> About us</a><br>
<a href="underpage.html"> Gallery</a><br>
  <a href="underpage.html"> Blog posts</a><br>
  <a href="underpage.html"> Pricing plans</a>
</div>
<div>
<h1>Details</h1>
<a href="underpage.html"> Photographers</a><br>
<a href="underpage.html"> Gallery</a><br>
  <a href="underpage.html"> Blog posts</a><br>
  <a href="underpage.html"> Pricing plans</a>
</div>
<div>
<h1>Help & Support</h1>
<a href="underpage.html"> Privacy policy</a><br>
<a href="underpage.html"> Term & conditions</a><br>

```

```

        <a href="underpage.html"> Technical support</a><br>
    <a href="underpage.html"> Customer care</a>
</div>
</div>
</footer>
<script      src="https://code.jquery.com/jquery-3.6.0.min.js"      integrity="sha256-
/xUj+3OJU5yExlq6GSYGGShk7tPXikynS7ogEvDej/m4=" crossorigin="anonymous">
</script>

<script src="https://unpkg.com/isotope-layout@3/dist/isotope.pkgd.min.js">
</script>

<script type="text/javascript">
    $('.portfolio-item').isotope({
        // options
        itemSelector: '.item',
        layoutMode: 'fitRows'
    });
    $('.portfolio-menu ul li').click(function(){
        $('.portfolio-menu ul li').removeClass('active');
        $(this).addClass('active');

        var selector = $(this).attr('data-filter');
        $('.portfolio-item').isotope({
            filter:selector
        });
        return false;
    });
</script>
<script src="https://unpkg.com/aos@2.3.1/dist/aos.js"></script>
<script>
    AOS.init();
</script>
</body>
</html>

```

Main program (Front page) CSS code

```
*{padding: 0; margin:0; box-sizing: border-box;}
body{
    scroll-behavior: smooth;
    overflow-x: hidden;
}
header{
    width: 100%;
    height: 90vh;
    background:linear-gradient(rgba(0,0,0,0.8),rgba(0,0,0,0.8)),
        url("image/ground.jpg");
    background-size: cover;
    background-attachment: fixed;
}
nav{
    width: 100%;
    height: 80px;
    background: white;
    color: black;
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 0px 80px;
    position: fixed;
    top:0;
    z-index: 1;
    border-bottom: 1px solid rgba(0,0,0,0.2);
}
.logo{
    font-family: sans-serif;
    font-size:2.5em;
}
.logo span{
    color:red;
}
.menu a{
    text-decoration: none;
    color: black;
    padding: 10px 20px;
```

```

        font-family: sans-serif;
        font-size: 20px;
    }
    .menu a:first-child{
        color:orange;
    }
    .menu a:hover{
        color:orange;
    }
    .icon i{
        font-size: 20px;
    }
    .icon i:hover{
        color:orange;
    }
    .icon a{
        text-decoration: none;
        background: orange;
        color: white;
        padding: 10px 20px;
        margin-left: 30px;
        border-radius: 5px;
    }
    .h-text{
        color: white;
        max-width:700px;
        position: absolute;
        top:50%;
        left:50%;
        transform: translate(-50%,-50%);
        text-align: center;
    }
    #camera{
        font-size: 40px;
        margin-bottom: 10px;
    }
    .h-text h1{
        font-family: sans-serif;
        font-size: 3em;
        line-height: 1.5em;
    }

```

```

}
.h-text input{
    width: 60%;
    padding: 20px;
    border:none;
    outline: none;
    font-size: 20px;
    border-radius:8px;
}
.h-text button{
    width: 30%;
    padding: 20px;
    background: orange;
    color: white;
    border:none;
    outline: none;
    font-size: 20px;
    border-radius:8px;
    margin-top: 30px;
}
.filter-gallery{
    padding: 100px;
}
.portfolio-menu{
    text-align: center;
    margin-bottom: 20px;
}
.portfolio-menu ul li{
    list-style: none;
    display: inline-block;
    margin: 20px 0px;
    font-size: 20px;
    font-weight:bold;
    font-family: sans-serif;
    padding: 10px 20px;
    cursor: pointer;
    transition: 0.5s ease;
    text-align: center;
}
.portfolio-menu ul li:hover{

```

```

        color: white;
        background: orange;
        border-radius: 8px;
    }
    li.active{
        color: white;
        background: orange;
        border-radius: 8px;
    }
    .portfolio-item{
        width: 100%;
    }
    .portfolio-item .item{
        width: 360px;
        height: 360px;
        float: left;
        margin-bottom: 20px;
        margin-right: 20px;
    }
    .portfolio-item .item img{
        width: 100%;
        height: 100%;
        border-radius: 8px;
    }
    .member{
        width: 100%;
        padding: 20px 100px;
        font-family: sans-serif;
    }
    .member-info {
        text-align: center;
    }
    .member-info h1{
        font-size: 2.5em;
    }
    .member-info h1 span{
        color: orange;
    }
    .member-card{
        text-align: center;

```

```

padding-top: 50px;
width: 50%;
margin: auto;
}
.member-card p{
margin: 20px 0px;
line-height: 2em;
}
.member-card h2{
margin: 20px 0px;
}
.m-images{
width: 100%;
display: flex;
margin: 20px 0px;
overflow: hidden;
}
.m-images img{
width: 200px;
height: 200px;
cursor: pointer;
transition: 0.4s ease-in-out;
}
.m-images img:hover{
transform: scale(1.5);
}
footer{
width: 100%;
background: black;
padding: 50px 100px;
}
.newsletter{
width: 100%;
display: flex;
justify-content: space-between;
align-items: center;
padding: 30px;
border: 1px solid rgba(255,255,255,0.2);
color: white;
}

```

```
.newsletter >div{
    flex-basis: 50%;
}
.ntext{
    text-align:right;
}
.newsletter h2{
    font-size: 2em;
    font-family: sans-serif;
}
.newsletter p{
    font-size: 20px;
    margin-top: 10px;
}
.newsletter label{
    position: relative;
}
.newsletter input{
    padding: 20px;
    width: 70%;
    border-radius: 8px;
    border:none;
    outline: none;
    font-family: sans-serif;
}
.newsletter button{
    position: absolute;
    right: 0px;
    padding: 20px;
    width: 30%;
    background: orange;
    color: white;
    border:none;
    outline: none;
    border-radius: 0 8px 8px 0;
}
.f-contact{
    color: white;
    width: 100%;
    display: flex;
```

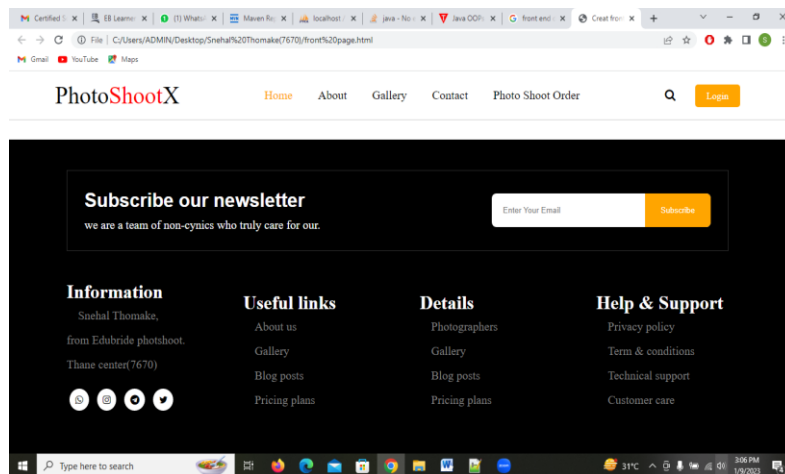
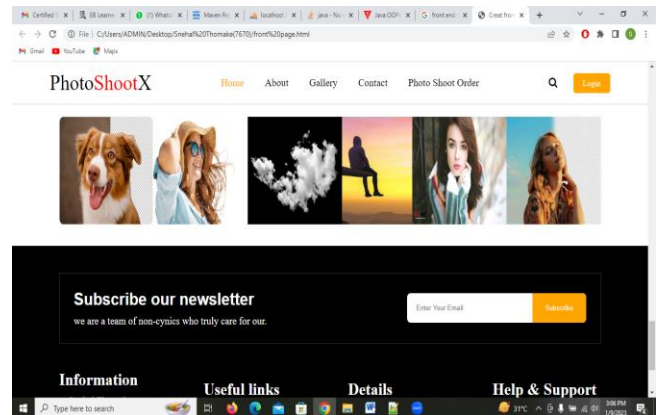
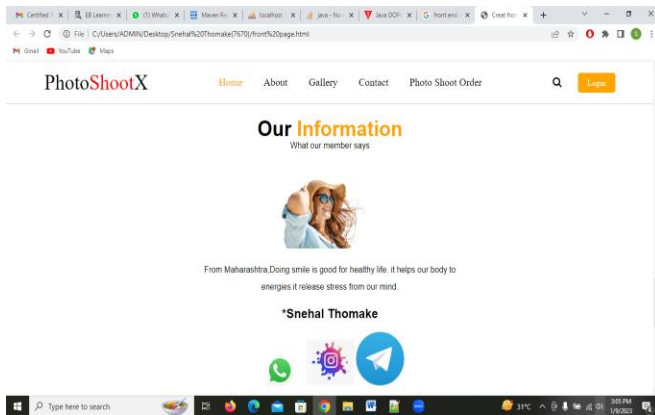
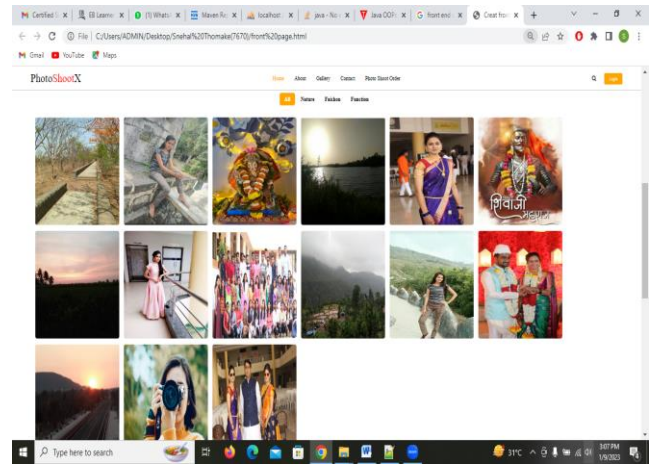
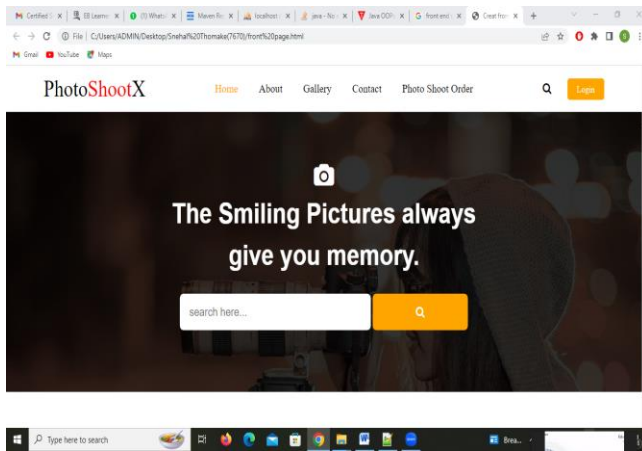


```

        justify-content:space-between;
        align-items: center;
        margin-top: 3em;
        margin-bottom: 1px solid rgba(255,255,255,0.2);
    }
    .f-contact>div{
        flex-basis: 20%;
    }
    .f-contact a{
        line-height: 2em;
        font-size: 20px;
        color: grey;
        cursor: pointer;
    }
    .f-contact a:hover{
        color: white;
    }
    .f-contact i{
        background: white;
        color: black;
        padding: 10px;
        font-size: 16px;
        margin:20px 5px;
        border-radius: 50%;
        transition: 0.4s ease;
    }
    .f-contact i:hover{
        background: transparent;
        color:white;
        border:1px solid white;
    }
    footer a
    {
        text-decoration: none;
        color: black;
        padding: 10px 20px;
        font-family: sans-serif;
        font-size: 40px;}

```

6.1.1 Screenshots For Main Page



6.2 About us page

I have crate About page for front page in that mentioned.

HTML AND JAVA SCRIPT CODE

```
<!DOCTYPE html>
<html>
<head>
<title> About Us Section</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/
all.css">
<link rel="stylesheet" href="about us.css">
</head>
<body>

<div class="logo">
<a href='front page.html'> Back </a>
</div>

<div class="section">
<div class="container">
<div class="content-section">
<div class="title">
<h1> About Us </h1><br>
</div>
<h2>We Capture Best Moments</h2>
<div class="content">
<h3>
I am Snehal Thomake from Kolhapur, Maharashtra.</h3><br>
<p>At Photoshoot,Our exclusive Photoshoot narrative give
you the experience of starring in your very own romantic
fantansy, where everthing about your functions contributes to
you're happily ever after. Using a combination of
contemporary story-telling techniques, we aim to put on
screen what you cannot possibly put into words.
</p>
<div class="button">
<a href="underpage.html"> Read more</a>
```

```

</div>
</div>
<div class="social">
<a href=""><i class="fab fa-facebook"></i></a>
<a href=""><i class="fab fa-telegram"></i></a>
<a href=""><i class="fab fa-instagram"></i></a>
</div>
</div>
<div class="image-section">

</div>
</div>
</div>

</body>
</html>

```

CSS code for About Us page

```

@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400&display=swa
p');
*{
    margin:0;
    padding:0;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
}
.section{
    width:100%;
    min-height:100vh;
    background-color:lightgray;
}
.container{
    width: 80%;
    display: block;
    margin:auto;
    padding-top:100px;
}
.container h2{
    width: 100%;

```

```

        display: block;
        margin:auto;
        font-size: 30px;
    }
    .content-section{
        float: left;
        width:55%;
    }
    .image-section{
        float: right;
        width:40%;
    }
    .image-section img{
        height:30%;
        width:50%;
    }
    .content-section .title{
        text-transform: uppercase;
        font-size: 28px;
    }
    .content-section .content h3{
        margin-top: 20px;
        color:gray;
        font-size: 21px;
    }
    .content-section .content p{
        margin-top: 10px;
        font-family: sans-serif;
        font-size: 17px;
        line-height:1.5;
    }
    .content-section .content .button {
        margin-top: 30px;
    }
    .content-section .content .button a{
        background-color:gray;
        padding:12px 40px;
        text-decoration: none;
        color:white;
        font-size: 25px;
    }

```

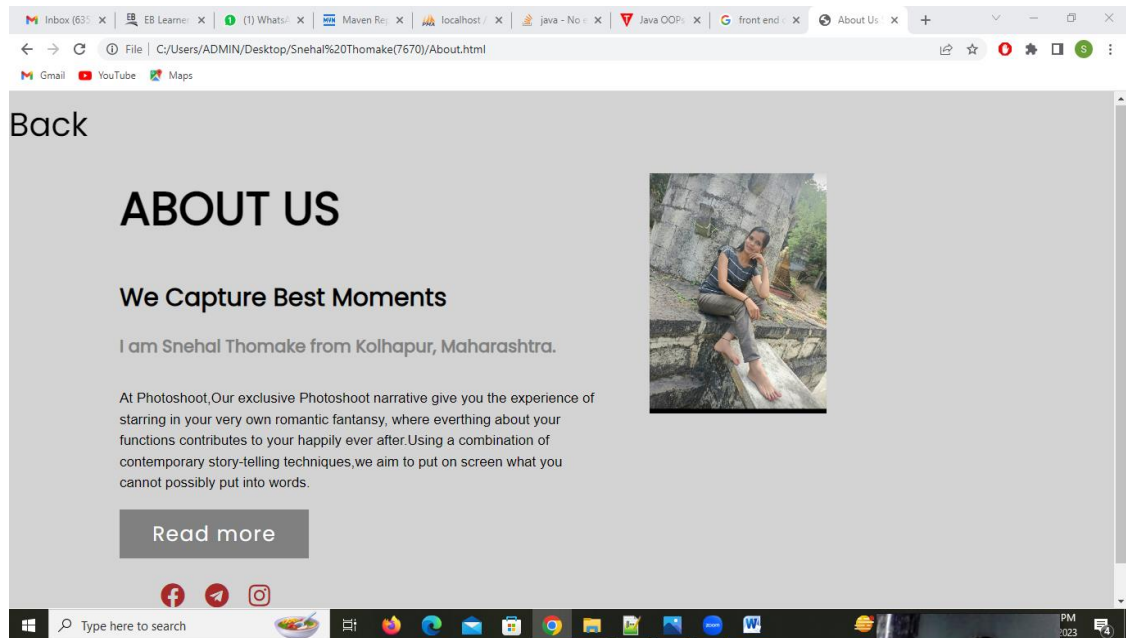
```

        letter-spacing: 1.5px;
    }
    .content-section .content .button a:hover{
        background-color:brown ;
        color:white;
    }
    .content-section .social{
        margin:40px 40px;
    }
    .content-section .social i{
        color:brown;
        font-size: 30px;
        padding:0px 10px;
    }
    .content-section .social i:hover{
        color:#3d3d3d;
    }
    @media screen and (max-width: 768px){
        .container{
            width: 80%;
            display: block;
            margin:auto;
            padding-top:50px;
        }
        .content-section{
            float: none;
            width:100%;
            display:block;
            margin:auto;
        }
        .image-section{
            float: none;
            width:100%;
        }
        .image-section img{
            width: 100%;
            height:auto;
            display:block;
            margin:auto;
        }
    }

```

```
.content-section .title{
    text-align: center;
    font-size:19px;
}
.content-section .content .button {
    text-align: center;
}
.content-section .content .button a{
    padding:9px 30px;
}
.content-section .social{
    text-align: center;
}
}
}
.logo
{
position:fixed;
margin-top: 10px;
}
.logo a
{
    text-decoration:none;
    color: black;
    font-size:40px;
}
.logo a:hover
{
color:blue;
}
```

6.2.1 Screenshots for back end About



6.3 Gallery page in HTML AND JAVASCRIPT

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title> Gallery </title>
<link rel="stylesheet" href="gallery.css">
</head>
<body>
<div class="full-page">
<div class="navigation-bar">
<div class="logo">
<a href='front page.html'> Back </a>
</div>
</div>
</div>
<section class="filter-gallery">
<div class="portfolio-menu">
```



```
<ul>
<li class="active" data-filter="*">All</li>
<li data-filter=".nature">Nature</li>
<li data-filter=".faishon">Faishon</li>
<li data-filter=".function">Function</li>
```

```
</ul>
</div>
```

```
<div class="portfolio-item">
<div class="item nature" data-aos="flip-left" data-aos-offset="50" data-aos-
delay="100">

</div>
<div class="item faishon" data-aos="flip-left" data-aos-offset="50" data-aos-
delay="200">

</div>
<div class="item function" data-aos="flip-left" data-aos-offset="50" data-aos-
delay="300">

</div>
```

```
<div class="item nature">

</div>
<div class="item faishon">

</div>
<div class="item function">

</div>
```

```
<div class="item nature">

</div>
<div class="item faishon">

</div>
<div class="item function">
```

```

</div>
```

```
<div class="item nature" >

</div>
<div class="item faishon">

</div>
<div class="item function">

</div>
```

```
<div class="item nature">

</div>
<div class="item faishon">

</div>
<div class="item function">

</div>
```

```
</div>
</section>
```

```
<script src="https://code.jquery.com/jquery-3.6.0.min.js" integrity="sha256-
/xUj+3OJU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4=" crossorigin="anonymous">
</script>
```

```
<script src="https://unpkg.com/isotope-layout@3/dist/isotope.pkgd.min.js">
</script>
```

```
<script type="text/javascript">
    $('portfolio-item').isotope({
    // options
    itemSelector: '.item',
    layoutMode: 'fitRows'
    });
    $('portfolio-menu ul li').click(function(){
```

```

        $('.portfolio-menu ul li').removeClass('active');
        $(this).addClass('active');

        var selector = $(this).attr('data-filter');
        $('.portfolio-item').isotope({
            filter:selector
        });
        return false;
    });
</script>

<script src="https://unpkg.com/aos@2.3.1/dist/aos.js"></script>
<script>
    AOS.init();
</script>

</body>
</html>

```

Contact page in CSS code

```

*
{
    margin:0;
    padding:0;
    box-sizing: border-box;
}
body{
    scroLL-behavior: smooth;
    overfLow-x: hidden;
}
.navigation-bar
{
    display: flex;
    align-items:center;
    padding: 20px;
    padding-left: 80px;
    padding-right: 30px;
    padding-top: 50px;
}

```

```
.logo
{
position:fixed;
margin-top: 10px;
}
.logo a
{
    text-decoration:none;
    color: black;
    font-size:30px;
}
.logo a:hover
{
color:blue;
}

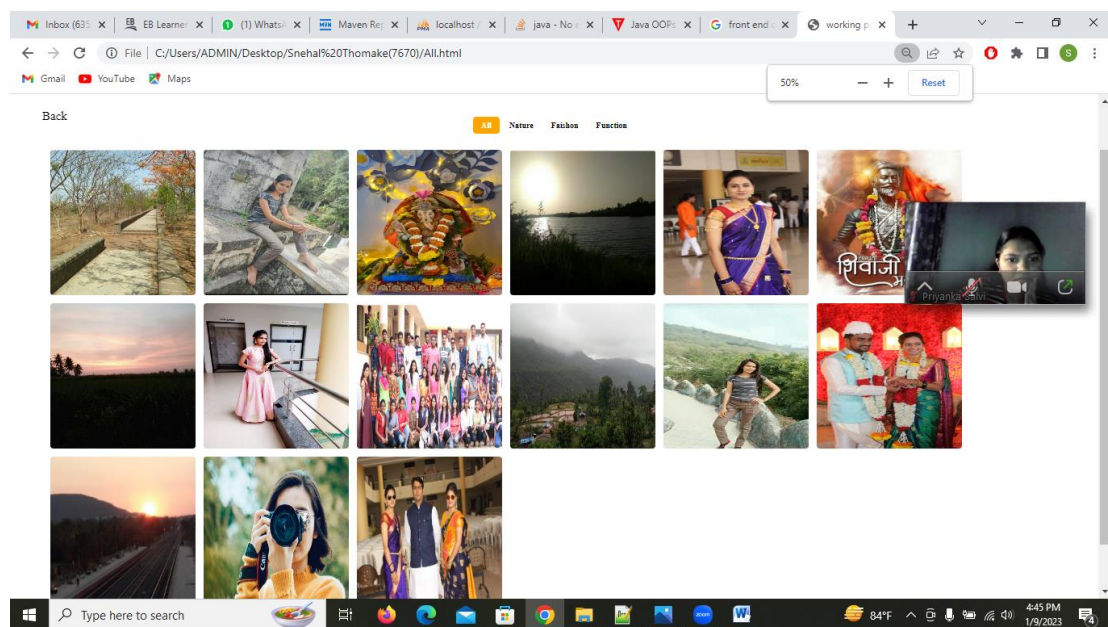
.filter-gallery{
padding: 100px;
}
.portfolio-menu{
    text-align: center;
    margin-bottom: 20px;
}
.portfolio-menu ul li{
    list-style: none;
    display: inline-block;
    margin: 20px 0px;
    font-size: 20px;
    font-weight:bold;
    font-family: sans-serif;
    padding: 10px 20px;
    cursor: pointer;
    transition: 0.5s ease;
    text-align: center;
}
.portfolio-menu ul li:hover{
    color: white;
    background: orange;
    border-radius: 8px;
}
```

```

li.active{
    color: white;
    background: orange;
    border-radius: 8px;
}
.portfolio-item{
    width: 100%;
}
.portfolio-item .item{
    width: 360px;
    height: 360px;
    float: left;
    margin-bottom: 20px;
    margin-right: 20px;
}
.portfolio-item .item img{
    width: 100%;
    height: 100%;
    border-radius: 8px;
}
}

```

6.3.1 Screenshots for back end Gallery



6.4 Contact page in HTML AND JAVASCRIPT Code

```
<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>    Gallery </title>

<link rel="stylesheet" href="gallery.css">

</head>

<body>

<div class="full-page">

<div class="navigation-bar">

<div class="logo">

<a href='front page.html'> Back </a>

</div>

</div>

</div>

<section class="filter-gallery">

<div class="portfolio-menu">

<ul>

<li class="active" data-filter="*">All</li>

<li data-filter=".nature">Nature</li>

<li data-filter=".faishon">Faishon</li>

<li data-filter=".function">Function</li>

</ul>

</div>

<div class="portfolio-item">
```

```

<div class="item nature" data-aos="flip-left" data-aos-offset="50" data-aos-delay="100">

</div>

<div class="item faishon" data-aos="flip-left" data-aos-offset="50" data-aos-delay="200">

</div>

<div class="item function" data-aos="flip-left" data-aos-offset="50" data-aos-delay="300">

</div>

<div class="item nature">

</div>

<div class="item faishon">

</div>

<div class="item function">

</div>

<div class="item nature">

</div>

<div class="item faishon">

</div>

<div class="item function">

</div>

```

```
<div class="item nature" >
```

```

```

```
</div>
```

```
<div class="item faishon">
```

```

```

```
</div>
```

```
<div class="item function">
```

```

```

```
</div>
```

```
<div class="item nature">
```

```

```

```
</div>
```

```
<div class="item faishon">
```

```

```

```
</div>
```

```
<div class="item function">
```

```

```

```
</div>
```

```
</div>
```

```
</section>
```

```
<script src="https://code.jquery.com/jquery-3.6.0.min.js" integrity="sha256-  
/xUj+3OJU5yExlq6GSYGGShk7tPXikynS7ogEvDej/m4=" crossorigin="anonymous">
```

```
</script>
```

```
<script src="https://unpkg.com/isotope-layout@3/dist/isotope.pkgd.min.js">
```

```
</script>
```



```
<script type="text/javascript">

    $('.portfolio-item').isotope({
    // options
    itemSelector: '.item',
    layoutMode: 'fitRows'
    });

    $('.portfolio-menu ul li').click(function(){
    $('.portfolio-menu ul li').removeClass('active');
    $(this).addClass('active');

        var selector = $(this).attr('data-filter');
        $('.portfolio-item').isotope({
        filter:selector
        });
        return false;
    });
</script>

<script src="https://unpkg.com/aos@2.3.1/dist/aos.js"></script>
<script>
    AOS.init();
</script>

</body>
</html>
```

Contact page in CSS code

```
*{  
  
    margin:0;  
  
    padding:0;  
  
    box-sizing: border-box;  
  
    font-family:sans-serif;  
  
}  
  
body  
  
{  
  
    height:100%;  
  
    width:100%;  
  
    position:absolute;  
  
    background:linear-gradient(rgba(0,0,0,0.9),rgba(0,0,0,0.9)),url("image/B1.jpg") no-repeat;  
  
    background-size: cover;  
  
    background-position:fixed;  
  
    display:flex;  
  
    justify-content:center;  
  
    align-items: center;  
  
}  
  
.navigation-bar  
  
{  
  
    display: flex;  
  
    align-items:center;  
  
    padding: 20px;  
  
    padding-left: 80px;
```

```
padding-right: 30px;
padding-top: 50px;
}
.logo
{
position:fixed;
margin-top: 10px;
}
.logo a
{
text-decoration:none;
color: white;
font-size:50px;
}
.logo a:hover
{
color:red;
}
.contact-section{
width:100%;
display: flex;
justify-content:center;
align-items: center;
}
.contact-info{
```

```
    color: white;

    width: 500px;

    line-height: 65px;

    padding-left: 50px;

    font-size: 18px;
}

.contact-info i{

    margin-right: 20px;

    font-size: 25px;
}

.contact-form{

    width: 700px;

    margin-right: 50px;
}

.contact-info .contact-form{

    flex: 1;
}

.contact-form h2{

    color: white;

    text-align: center;

    font-size: 35px;

    text-transform: uppercase;

    margin-bottom: 30px;
}

.contact-form .text-box{
```

```
background: #000;
color: white;
border: none;
width:calc(50% - 10px);
height: 12px;
padding: 12px;
font-size: 15px;
border-radius: 5px;
box-shadow: 0 1px 1px rgba(0,0,0,0.1);
margin-bottom: 20px;
opacity: 0.9;
}
```

```
.contact-form .text-box:first-child{
    margin-right: 15px;
}
```

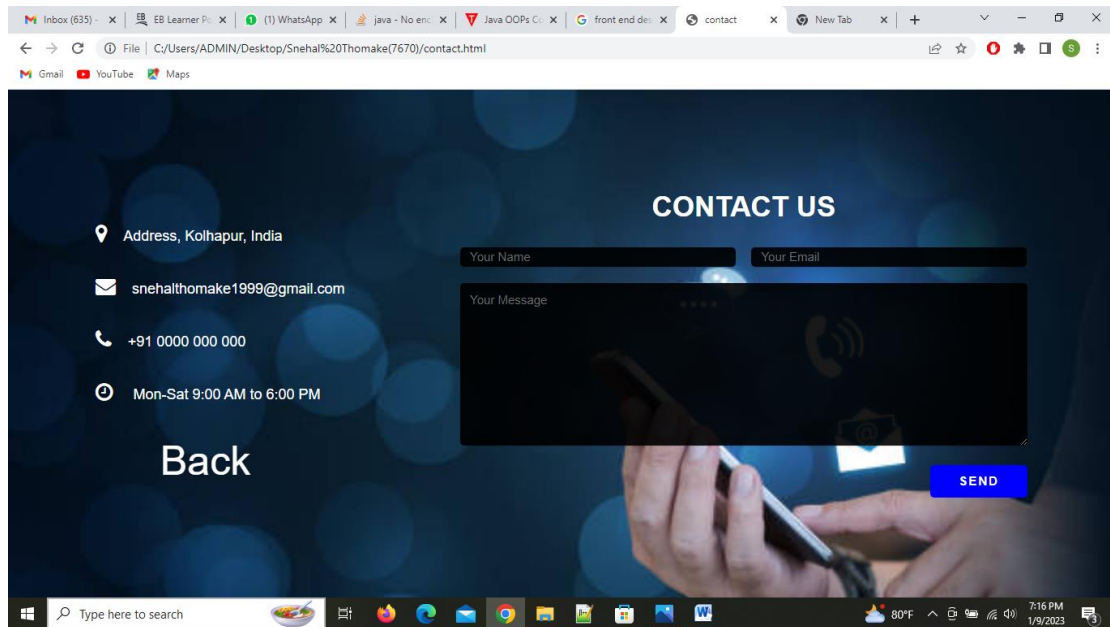
```
.contact-form textarea{
    background: #000;
    color: white;
    border: none;
    width:100%;
    padding: 12px;
    font-size: 15px;
    min-height: 200px;
    max-height: 400px;
    resize: vertical;
```

```
border-radius: 5px;
box-shadow: 0 1px 1px rgba(0,0,0,0.1);
margin-bottom: 20px;
opacity: 0.9;
}
```

```
.contact-form .send-btn{
    float: right;
    background:blue;
    color: white;
    border: none;
    width:120px;
    height: 40px;
    font-size: 15px;
    font-weight: 600;
    text-transform:uppercase;
    letter-spacing: 2px;
    border-radius: 5px;
    cursor:pointer;
    transition:0.3s;
    transition-property: background;
}
```

```
.contact-form .send-btn:hover{
    background: orange;
}
```

6.4.1 Screenshots for Contact



6.5 Photo Shoot Order page in HTML AND JAVASCRIPT Code

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title> Order</title>
```

```
<link rel="stylesheet" href="shotting.css">
```

```
</head>
```

```
<body>
```

```
<div class="full-page">
```

```
<div class="navigation-bar">

<div class="logo">

<h1> Photo Shooting Order..

</h1>

<br><p> For any Photo shooting order ,Photo Editing <b>call us.</b></p>

<br><h2><a href="contact.html"> Contact us</a> </h2>

<br><a href='front page.html'> Back </a>

</div>

</div>

</div>

</body>

</html>
```

Photo Shoot Order page in CSS code

```
*

{

    margin:0;

    padding:0;

    box-sizing: border-box;

}

body{

    scroLL-behavior: smooth;

    overfLow-x: hidden;
```

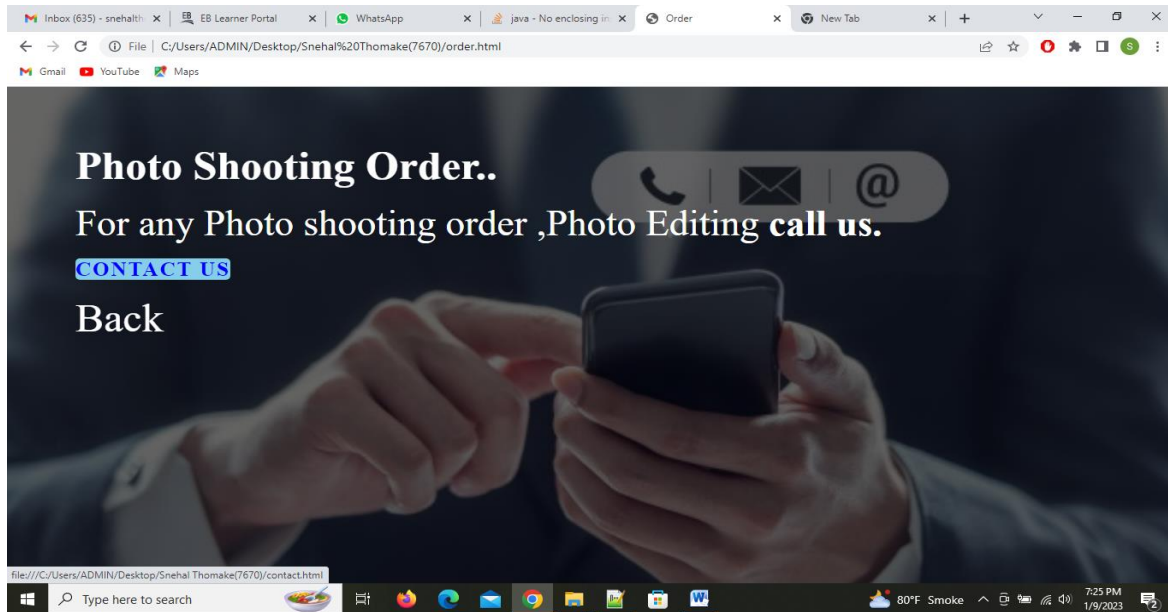


```
}  
  
.full-page  
{  
    height:100%;  
    width:100%;  
    position:absolute;  
    background:linear-gradient(rgba(0,0,0,0.6),rgba(0,0,0,0.6)),url("image/B2.jpg");  
    background-size: cover;  
    background-position:center;  
}  
  
.navigation-bar  
{  
    display: flex;  
    align-items:center;  
    padding: 20px;  
    padding-left: 80px;  
    padding-right: 30px;  
    padding-top: 50px;  
}  
  
.logo  
{  
    position:center;  
    margin-top: 20px;  
}  
  
.logo a
```

```
{
    text-decoration:none;
    color: white;
    font-size:50px;
}
.logo a:hover
{
    color:blue;
}
.logo h1
{
    text-decoration:none;
    color: white;
    font-size:50px;
}
.logo h1:hover
{
    color:skyblue;
}
.logo p
{
    text-decoration:none;
    color: white;
    font-size:45px;
```

```
}  
  
.logo p:hover  
{  
color:skyblue;  
}  
  
.logo h2 a{  
    float: fixed;  
    background:blue;  
    color: white;  
    border: none;  
    width:200px;  
    height: 50px;  
    font-size: 25px;  
    font-weight: 900;  
    text-transform:uppercase;  
    letter-spacing: 2px;  
    border-radius: 5px;  
    cursor:pointer;  
    transition:0.3s;  
    transition-property: background;  
    text-align: center;  
}  
  
.logo h2 a:hover{  
    background: skyblue;  
}
```

6.5.1 Screenshots for Order



6.6 Login and Register page in HTML AND JAVASCRIPT Code

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Login Page</title>

<link rel="stylesheet" href="Register.css">

</head>

<body>

<div class="full-page">
```

```

<div class="navigation-bar">
<div class="logo">
<a href='front page.html'> Back </a>
</div>
<nav>
<ul id='MenuItems'>
<li><button class='loginbtn'
onclick="document.getElementById('login-form').style.display='block'"
style="width:auto;"><a href="front page.html"> Next </button></a></li>
</ul>
</nav>
</div>
<div id='login-form' class="login-page">
    <div class="form-box">
        <div class="form">
            <form class="login-form">
                <center><h1 class="main-heading">Login Form</h1></center>
                <input type="text" name="user name" class="text-box" placeholder="user name" required>
                <input type="password" name="password" class="text-box" placeholder="password" required>
                <button> LOGIN</button>
                <p class="asking">Forget Password?</p>
                <p class="asking">Not Registered?
                <a href="#">Register</a></p>
            </form>
        </div>
    </div>
    <form class="register-form">

```

```
<center><h1 class="main-heading">Register Form</h1></center>
```

```
<input type="text" name="username" class="text-box" placeholder="user name" required>
```

```
<input type="email" name="emailid" class="text-box" placeholder="email-id" required>
```

```
<input type="password" name="New password" class="text-box" placeholder="New password" required>
```

```
<input type="password" name="Confirm password" class="text-box" placeholder="Confirm password" required>
```

```
<button>REGISTER</button>
```

```
<p class="asking">Already Registered?<a href="#">Login</a>
```

```
</p>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<script>
```

```
var modal= document.getElementById("login-form");
```

```
window.onclick = function(event)
```

```
{
```

```
if(event.target == modal)
```

```
{
```

```
modal.style.display = "none";
```

```
}
```

```
}
```

```
</script>
```

```
<script src='https://code.jquery.com/jquery-3.2.1.min.js'></script>
```

```
<script>

$('.asking a').click(function()

{ $('form').animate({ height:"toggle",opacity:"toggle"},"slow");});

</script>

</body>

</html>
```

Login and Register page in CSS code

```
*

{

    margin:0;

    padding:0;

    box-sizing: border-box;

}

body{

    scroLL-behavior: smooth;

    overfLow-x: hidden;

}

.full-page

{

    height:100%;

    width:100%;

    position:absolute;

    background:url(image/c1.jpg);

    background-size: cover;

    background-position:center;
```

```
}  
  
.navigation-bar  
{  
    display: flex;  
    align-items:center;  
    padding: 20px;  
    padding-left: 80px;  
    padding-right: 30px;  
    padding-top: 50px;  
}  
  
.logo  
{  
position:fixed;  
margin-top: 10px;  
}  
  
.logo a  
{  
    text-decoration:none;  
    color: black;  
    font-size:40px;  
}  
  
.logo a:hover  
{  
color:blue;  
}
```



```
nav
{
    flex:1;
    position: fixed;
    right: 0;
}
nav ul
{
    display: inline-block;
    list-style: none;
}
nav ul li
{
    display:inline-block;
    margin-right:90px;
    margin-top: 17px;
}
nav ul li button
{
    font-size: 40px;
    color: black;
    font-family:sans-serif;
    outline: none;
    border: none;
    background: none;
```

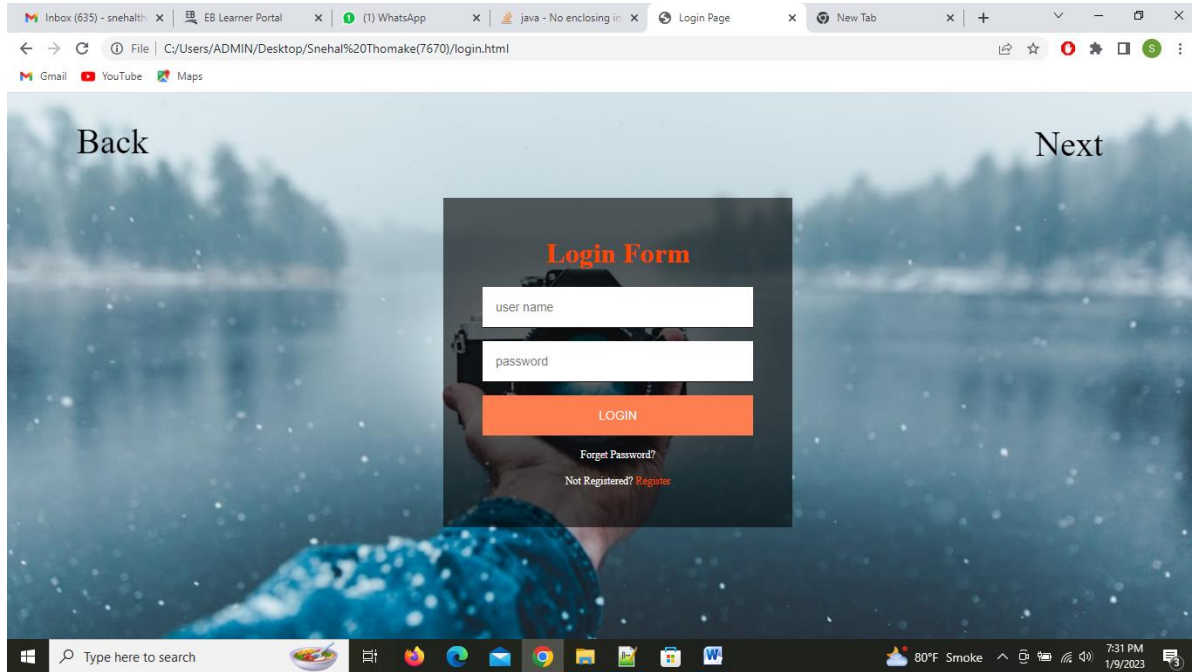
```
        cursor:pointer;
    }
nav ul li button:hover
{
    color:blue;
}
nav ul a
{
    text-decoration: none;
    color: black;
    padding: 10px 20px;
    font-family: sans-serif;
    font-size: 40px;
}
nav ul a:hover
{
    color: blue;
}
#login-from
{
    display: none;
}
.form-box
{
    width: 400px;
```

```
height: 500;
position: relative;
top: 50px;
left: 500px;
background: rgba(0,0,0,0.6);
}
.main-heading
{
    color: orangered;
    padding-bottom: 20px;
}
.form
{
    position: relative;
    margin: 0 auto 100px;
    padding: 45px;
    text-align: center;
}
.form input
{
    font-family: sans-serif;
    outline: none;
    border: none;
    border-bottom: 1px solid black;
    width: 100%;
```

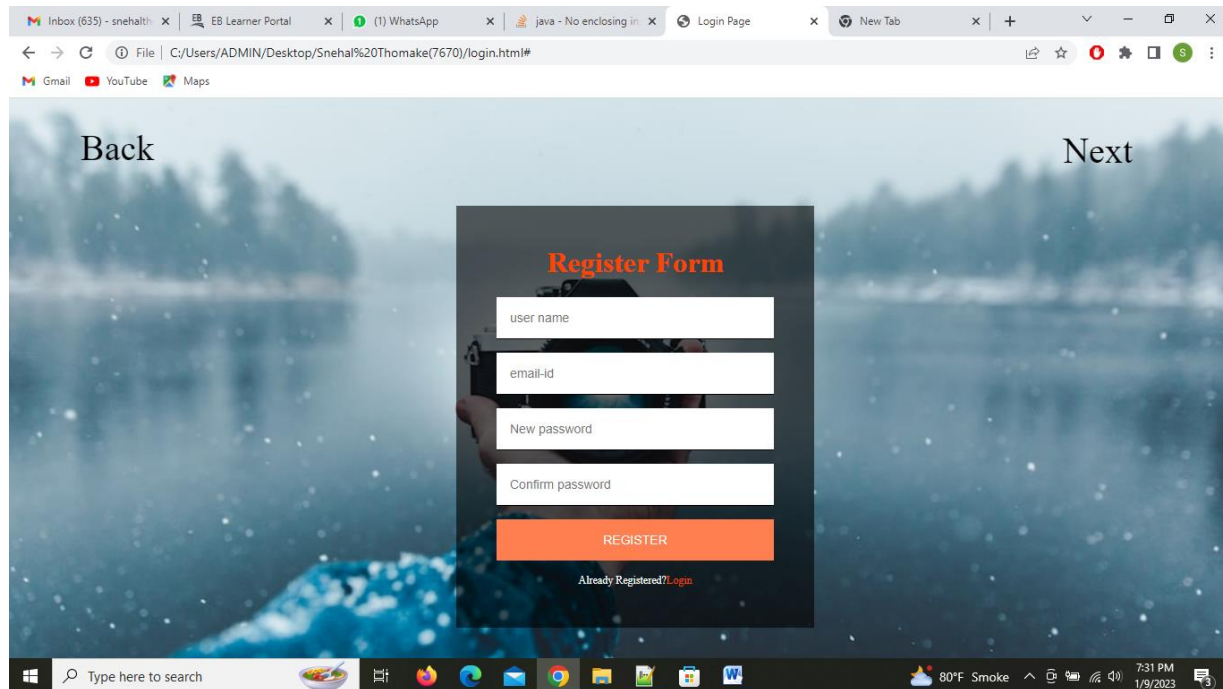
```
margin: 0 0 15px;
padding: 15px;
font-size: 14px;
}
.form button
{
    font-family: sans-serif;
    width: 100%;
    color: white;
    font-size: 14px;
    cursor: pointer;
    padding: 15px;
    border: none;
    background: coral;
}
.form .asking
{
    font-size: 12px;
    margin: 15px 0 0;
    color: white;
}
.form .asking a
{
    color: orangered;
    text-decoration: none;
}
.form .register-form
```

```
{  
    display: none;  
}
```

6.6.1 Screenshots for Login



After click Register



6.7 Working Progress page in HTML AND JAVASCRIPT Code

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title>    working progress</title>
```

```
<link rel="stylesheet" href="page.css">
```

```
</head>
```

```
<body>
```

```
<div class="full-page">
```

```
<div class="navigation-bar">
```

```
<div class="logo">
```

```
<h1> Working Progress.....
```

```
</h1>
```

```
<a href='front page.html'> Back </a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

Working Progress page in CSS code

```
*
```

```
{
```

```
margin:0;
```

```
padding:0;
```

```
box-sizing: border-box;
```

```
}
```

```
body{
```

```
scroLL-behavior: smooth;
```

```
overfLow-x: hidden;
```

```
}
```

```
.full-page
```

```
{
```

```
height:100%;
```

```
width:100%;
```

```
position:absolute;
```

```
background:linear-gradient(rgba(0,0,0,0.6),rgba(0,0,0,0.6)),url("image/P1.jpg");
```

```
    background-size: cover;

    background-position:center;
}

.navigation-bar
{
    display: flex;

    align-items:center;

    padding: 20px;

    padding-left: 80px;

    padding-right: 30px;

    padding-top: 50px;
}

.logo
{
    position:center;

    margin-top: 20px;
}

.logo a
{
    text-decoration:none;

    color: white;

    font-size:50px;
}

.logo a:hover
{

```



```
color:blue;

}

.logo h1

{

    text-decoration:none;

    color: white;

    font-size:100px;

}

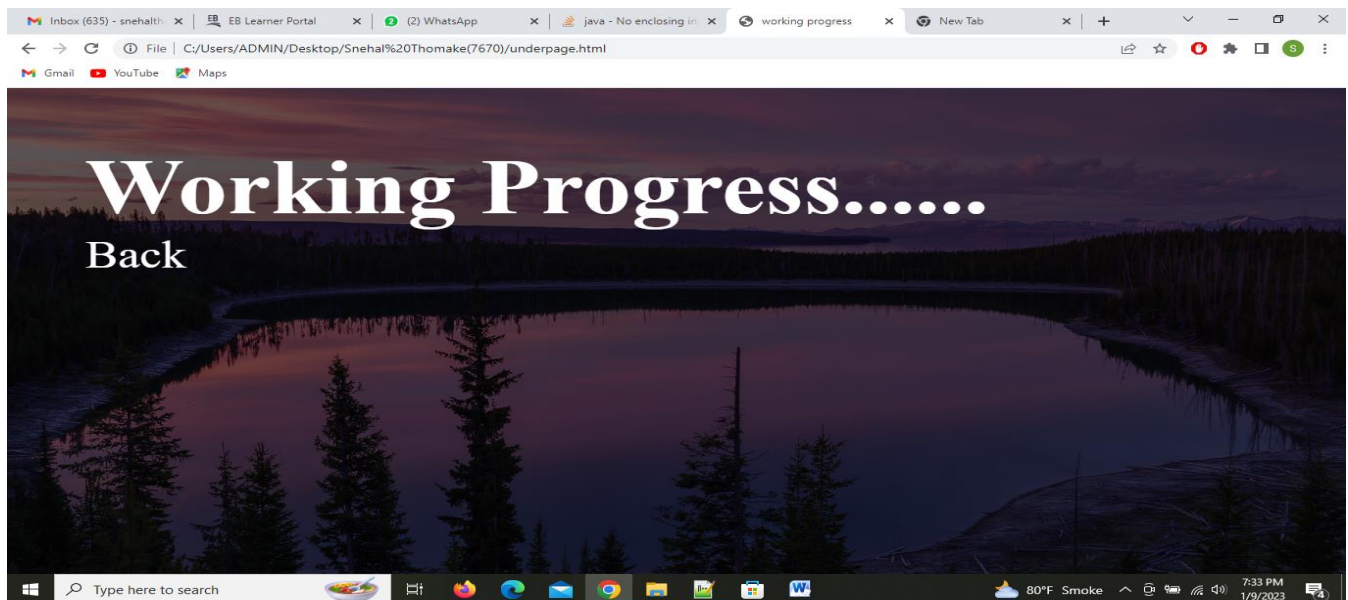
.logo h1:hover

{

color:red;

}
```

6.7.1 Screenshots



6.8 Database Connectivity

```
<?php

$server = "localhost";

$username = "root";

$password = "";

$dbname = "login form";

$con = mysqli_connect($server, $username, $password, $dbname);

if(!$con)

{

    echo "not connected";

}

$username = $_POST['username'];

$password = $_POST['password'];

$sql = "INSERT INTO `login`(`username`,`password`) VALUES ('$username','$password')";

$result = mysqli_query($con , $sql);

if($result)

{

    echo "data submitted";

}

else

{

    echo "query failed.....!";

}

?>
```

Fig : 1.7 Data base Connectivity

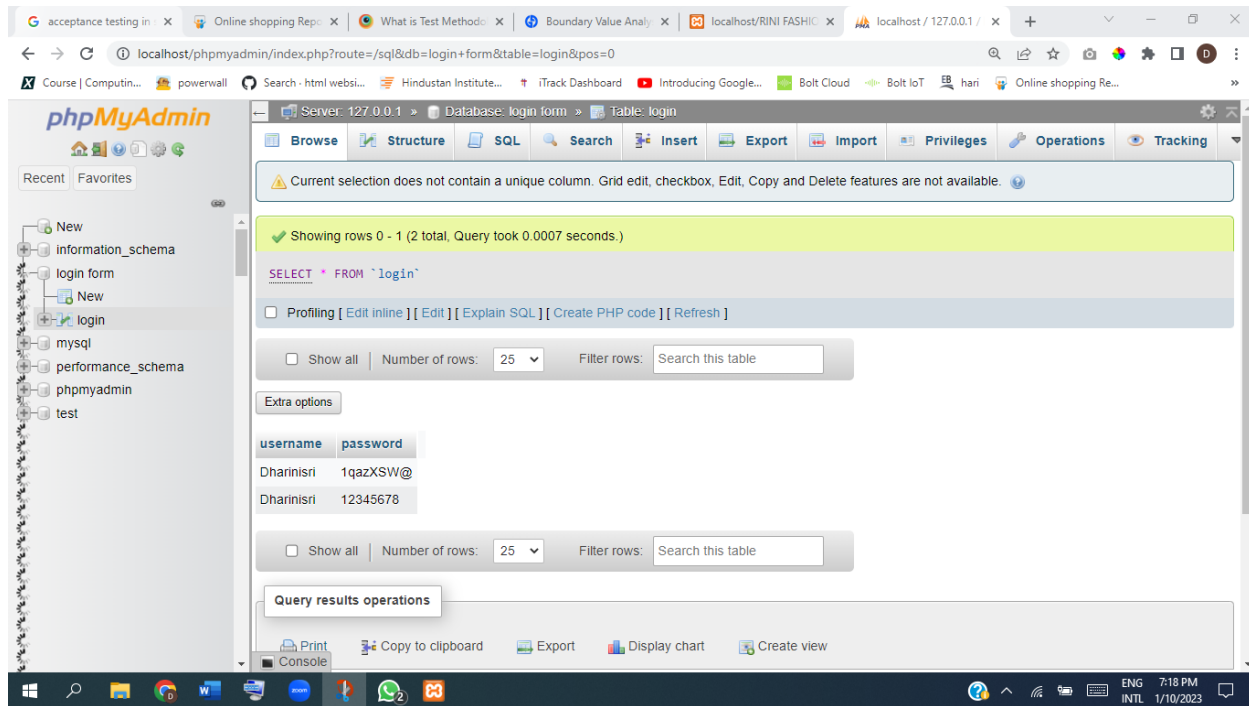
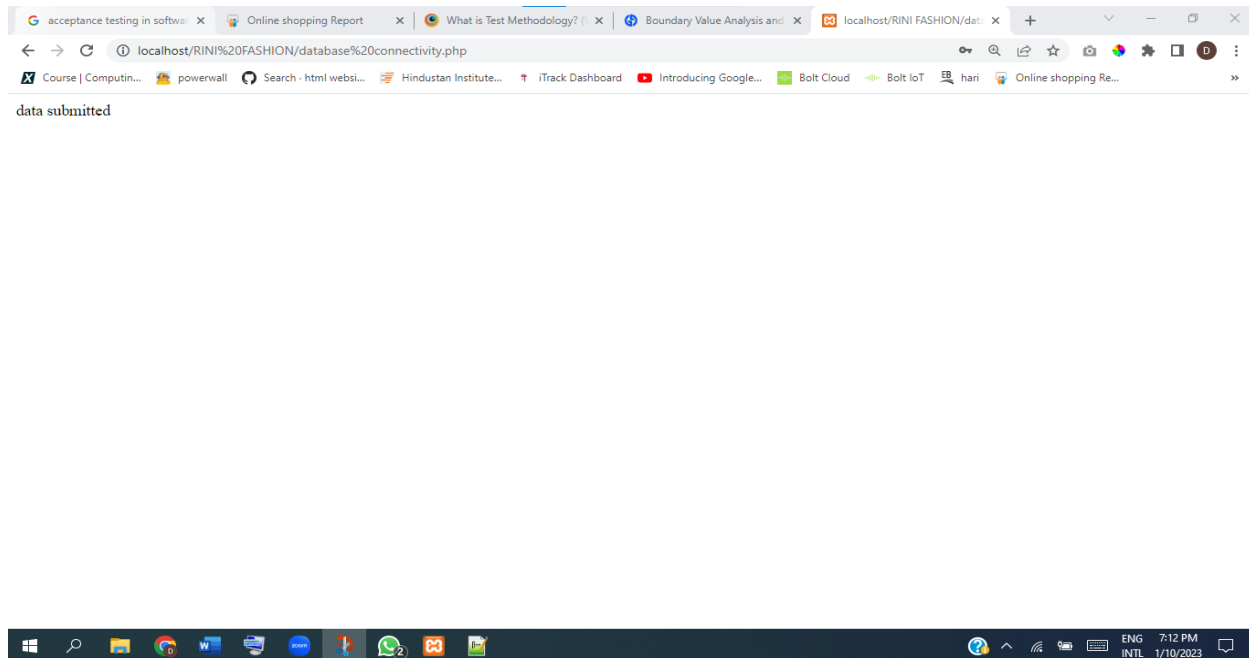


Fig : 1.8 Save the Data base



7 SYSTEM TESTING

7.1 Software Testing

Software testing can be stated as the process of verifying and validating whether a software or application is bug-free, meets the technical requirements as guided by its design and development, and meets the user requirements effectively and efficiently by handling all the exceptional and boundary cases.

Software testing can be divided into two steps:

- 1) **Verification:** it refers to the set of tasks that ensure that the software correctly implements a specific function.
- 2) **Validation:** it refers to a different set of tasks that ensure that the software that has been built is traceable to customer requirements.

Black box

Black box testing is a type of software testing in which the functionality of the software is not known. The testing is done without the internal knowledge of the products.

White box Testing

White box testing techniques analyze the internal structures the used data structures, internal design, code structure and the working of the software rather than just the functionality as in black box testing. It is also called glass box testing or clear box testing or structural testing.

Gray Box Testing

Gray Box Testing is a software testing technique which is a combination of Black Box Testing technique and White Box Testing technique. In Black Box Testing technique, tester is unknown to the internal structure of the item being tested and in White Box Testing the internal structure is known to tester. The internal structure is partially known in Gray Box Testing. This includes access to internal data structures and algorithms for purpose of designing the test cases.

Types of Testing

- 1) **Functional testing:** FUNCTIONAL TESTING is a type of software testing whereby the system is tested against the functional requirements/specifications. Functions (or features) are tested by feeding them input and examining the output. Functional testing ensures that the requirements are properly satisfied by the application.
- 2) **Unit testing:** It focuses on the smallest unit of software design. In this, we test an individual unit or group of interrelated units. It is often done by the programmer by using sample input and observing its corresponding outputs.
- 3) **Sanity testing:** Testing that is done to ensure that all the major and vital functionalities of the application/system are working correctly. This is generally done after a smoke test.
- 4) **Smoke testing:** Testing that is done after each build is released to test to ensure build stability. It is also called as build verification testing.
- 5) **Regression testing:** Testing performed to ensure that adding new code, enhancements, fixing of bugs is not breaking the existing functionality or causing any instability and still works according to the specifications. Regression tests need not be as extensive as the actual functional tests but should ensure just the amount of coverage to certify that the functionality is stable.
- 6) **Integration testing:** When the system relies on multiple functional modules that might individually work perfectly, but have to work coherently when clubbed together to achieve an end to end scenario, validation of such scenarios is called Integration testing.
- 7) **Beta/Usability testing:** Product is exposed to the actual customer in a production like an environment and they test the product. The user's comfort is derived from this and the feedback is taken. This is similar to that of User Acceptance testing.
- 8) **Non-functional testing:** Non-functional Testing is a type of Software Testing that is performed to verify the non-functional requirements of the application. It verifies whether the behavior of the system is as per the requirement or not.
- 9) **Performance testing:** A type of testing to ensure that a software program or system meets specific performance goals, such as response time or throughput.
 - a. Load testing
 - b. Stress testing
 - c. Endurance/Soak testing
 - d. Spike testing
 - e. Volume testing
- 10) **Load testing:** A type of testing to ensure that a software program or system can handle a large number of users or transactions.
- 11) **Security testing:** A type of testing to ensure that a software program or system is secure from unauthorized access or attack.

- 12) Scalability testing:** A type of testing to ensure that a software program or system can be scaled up or down to meet changing needs.
- 13) Stress testing:** A type of testing to ensure that a software program or system can handle an unusually high load.
- 14) Usability testing:** A type of testing to ensure that a software program or system is easy to use.
- 15) Volume testing:** A type of testing to ensure that a software program or system can handle a large volume of data.

7.2 Testing Methodologies

7.2.1 Unit testing:

- **Log In:**
 - a. Identification and Password properly initiated, encrypted, and validated
 - b. MySQL injection test
 - c. Checking for uppercase, lowercase, number, special character in ID and password
 - d. Either of ID and password not blank
 - e. Checking for overlapping ID
 - f. Checking for weak passwords
 - g. Not available to minors without permission from parents
 - h. Checking for e-mail notification about making ID and initiating password
- **Login and start shopping:**
 - a. Correctly validated before staring a photos
 - b. Not possible to check out photos which is already in progress
 - c. Displaying list of all available photos
 - d. Checking for newest version photos place on first page.
 - e. Checking for exact number of photos stocks
 - f. Checking for available coupon information
 - g. Checking for visibility about previous history of search
 - h. Checking for system about suggestion for newest version of photos
- **Order:**
 - a. Checking for available address information
 - b. Checking for private information and updated address
 - c. Chargeable or no chargeable for order
 - d. Checking about time for click photos
 - e. Checking for type of photos.

Logout:

- a. Search history saved properly after logout
- b. Checking out information saved in database
- c. Customer redirected to the login screen
- d. Checking e-mail system about order information

7.2.2 Integration testing:

We consider the PhotoshootX as a black box and white box; also check up all of the parts. Also, we will conduct as following orders:

Creating test plans, performing code review of the application modules that integrate the application block, executing the use cases of the application, performing load testing, performing stress testing, performing photoshootX testing and perform security testing.

- System compatible with different web browsers (for eg. Google chrome, Fire fox, IE etc.)
- System compatible with different Operating System (Widows, Linux, and Mac)
- System compatible with 32 bit or 64 bit operation
- Stress testing against a large number of customers
- Stress testing against a large number of purchasing in one product

7.3 Equivalence class partitioning and Boundary analysis**Boundary Testing**

Boundary testing is the process of testing between extreme ends or boundaries between partitions of the input values.

Equivalence Partitioning

Equivalence Class Partitioning is type of black box testing technique which can be applied to all levels of software testing like unit, integration, system, etc. In this technique, input data units are divided into equivalent partitions that can be used to derive a test case which reduces time required for testing because of small number of test cases.

Equivalence Partitioning and Boundary Value Analysis for Password

Registration form the password box below allows a minimum of 6 and a maximum of 10 characters.

As a consequence, the findings for partitions 0-5, 6-10, and 11-14 should be comparable.

Password:

Test Scenario	Test Scenario Description	Expected Outcome
1	In the password area, type 0 to 5 characters	The system should not accept anything else.
2	Fill in the password area with 6 to 10 characters	the system should allow
3	In the password area, type 11 to 14 characters	the system should reject it

Equivalence Partitioning and Boundary Value Analysis for Order

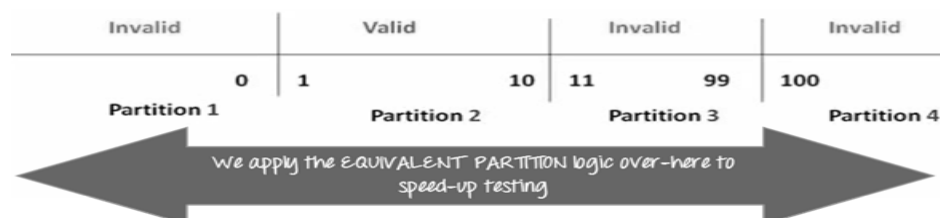
- Let's consider the behavior of Order Photo Shoot Text Box Below
- A success message is shown.
- While value 11 to 99 are considered invalid for order and an error message will appear, "Only 10 Photos can be ordered"

Order Photo shoot:

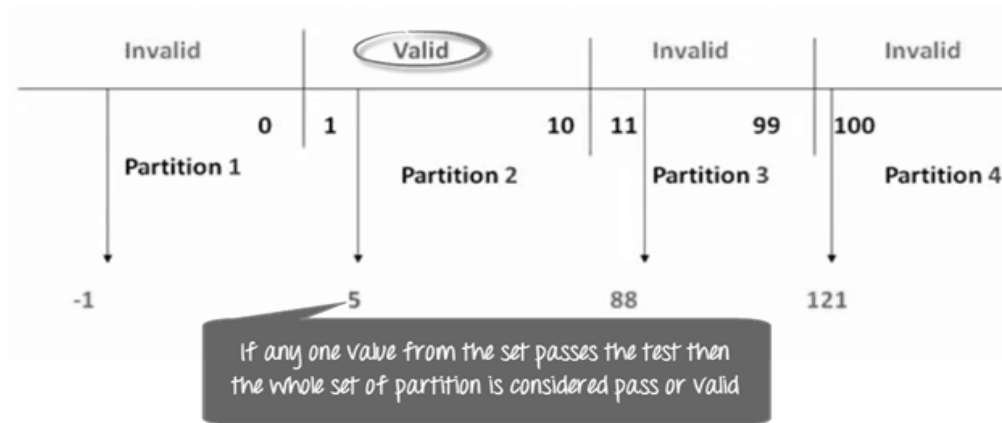
Here is the test condition

1. Any Number greater than 10 entered in the Order Photo field (let say 11) is considered invalid.
2. Any Number less than 1 that is 0 or below, then it is considered invalid.
3. Numbers 1 to 10 are considered valid
4. Any 3 Digit Number say -100 is invalid.

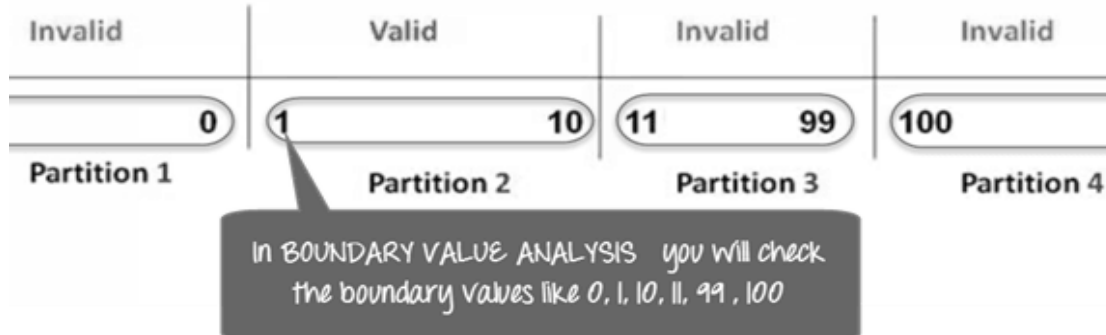
We cannot test all the possible values because if done, the number of test cases will be more than 100. To address this problem, we use equivalence partitioning hypothesis where we divide the possible values of tickets into groups or sets as shown below where the system behavior can be considered the same.



The divided sets are called Equivalence Partitions or Equivalence Classes. Then we pick only one value from each partition for testing. The hypothesis behind this technique is that if one condition/value in a partition passes all others will also pass. Likewise, if one condition in a partition fails, all other conditions in that partition will fail.



Boundary Value Analysis— in Boundary Value Analysis, I test boundaries between equivalence partitions



In our earlier equivalence partitioning example, instead of checking one value for each partition, you will check the values at the partitions like 0, 1, 10, 11 and so on. As you may observe, you test values at **both valid and invalid boundaries**. Boundary Value Analysis is also called **range checking**.

Equivalence partitioning and boundary value analysis (BVA) are closely related and can be used together at all levels of testing.

7.4 Test cases

1. Test cases are divided into functional and non-functional category it will be described in a separate column
2. Test cases are assorted for all modules of PhotoShootX so as to have complete code / module coverage.
3. Every cycle of testing can create this table and add date as per reference

1	Project name	PhotoShootX
2	Reference	C:\Users\ADMIN\Desktop\Snehal Thomake(7670)\front page.html
3	Created By	Snehal Thomake
4	On Date	02-01-2023
5	Review Date	

Test case id	Test case Description	Pre-condition	Steps	Test data	Expected	Actual results	Post conditions	Result
TEST SCENARIO ID → TS_001								
TEST SCENARIO → verifying the create account								
TC-PhotoshootX 001	Registration	1. Internet connectivity 2. Photoshoot X link should open.	Enter User Id	Snehal28	User should able to proceed fill other detail.	As expected	N/A	Pass
			Enter valid Email ID	Snehalthomake1999@gmail.com	User should able to proceed to fill further detail.	As expected	N/A	Pass
			Enter valid new Password	*****	User should able to proceed fill other detail.	As expected	N/A	Pass
			Enter valid Password	*****	Click on Register button	As expected	N/A	Pass

TC-PhotoshootX 002	Invalid Registration	1. Internet connectivity 2. Photoshoot X link should open.	Enter invalid User Id	Snehal	User should be able to proceed fill other detail.	As expected	N/A	Pass
			Enter invalid Email ID	Snehaltho.com	User should be able to proceed to fill further detail.	As expected	N/A	Pass
			Enter invalid new Password	****	User should be able to proceed fill other detail.	As expected	N/A	Pass
			Enter invalid Password	*****	Click on Register button	As expected	N/A	Pass

TEST SCENARIO ID → TS_002

TEST SCENARIO → verifying the Login account

TC-PhotoshootX 004	Login account	1. Internet connectivity 2. Photoshoot X link should open.	Enter valid User Id	Snehal28	User should be able to proceed fill other detail.	As expected	N/A	Pass
			Enter valid password	*****	Click on login button	As expected	N/A	Pass
	Invalid Login	1. Internet connectivity 2. Photoshoot X link should open.	Enter invalid User Id	Snehl199	User should be able to proceed fill other detail.	As expected	N/A	Pass
			Enter invalid password	*****	Click on login button	As expected	N/A	Pass

TEST SCENARIO ID → TS_003

TEST SCENARIO → verifying the order page

TC-PhotoshootX 006	Checking the photos images.	1. Internet connectivity 2. Photoshoot X link should open	1. Check Gallery	Check gallery photos	Gallery photos	As expected	N/A	Pass
TC-PhotoshootX 007	Checking the Gallery details		1. Enter photo name 2. user able to check what type of photo they want	Check gallery photos	Different type of photos	As expected	N/A	Pass
TC-PhotoshootX 008	Adding quantity		User able to select the multiple.	Invalid Check gallery photos	10	As expected	N/A	Pass
TC-PhotoshootX 009	Checking the add photos		1. User has to select photo. 2. user have to write location time, date 3. User has to click on send button.	Invalid Check gallery photos	Photos Shimla 2feb.2023 10am	As expected	N/A	Pass

TC-PhotoshootX 010	Invalid Checking the photos images.	1. Internet connectivity 2. Photoshoot X link should open	1. Invalid Check Gallery	Invalid Check gallery photos	Different pages	As expected	N/A	Pass
TC-PhotoshootX 011	Invalid Checking the Gallery details		1. Invalid Enter photo name 2. Invalid user able to check what type of photo they want	Invalid Check gallery photos	Different pages	As expected	N/A	Pass
TC-PhotoshootX 0012	Adding quantity		Invalid User able to select the multiple.	Invalid Check gallery photos	0	As expected	N/A	Pass
TC-PhotoshootX 0013	Checking the add photos		1. Invalid User has to select photo. 2. Invalid user have to write location time 3. Invalid User has to click on send button.	Invalid Check gallery photos	Different pages	As expected	N/A	Pass

7.5 Automation Testing using Selenium testing on front page

Coding

```
package seleniumpro;

import org.openqa.selenium.By;
//import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class frontend {
    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver",
"C:\\Users\\ADMIN\\Downloads\\chromedriver_win32\\chromedriver.exe");
        WebDriver driver = new ChromeDriver();

        driver.get("file:///C:/Users/ADMIN/Desktop/Snehal%20Thomake(7670)/front%20page.html
");

        driver.get("file:///C:/Users/ADMIN/Desktop/Snehal%20Thomake(7670)/login.html#");

        //Registration
        driver.findElement(By.cssSelector("#login-form > div > div
> form.login-form > p:nth-child(6) > a")).click();

        driver.findElement(By.name("username")).sendKeys("snealthomake");

        driver.findElement(By.name("emailid")).sendKeys("snealthomake1999mail.com");
        driver.findElement(By.name("New
password")).sendKeys("*****");
        driver.findElement(By.name("Confirm
password")).sendKeys("*****");

        //login

        driver.get("file:///C:/Users/ADMIN/Desktop/Snehal%20Thomake(7670)/login.html#");
        driver.findElement(By.name("user
name")).sendKeys("snealthomake");
```

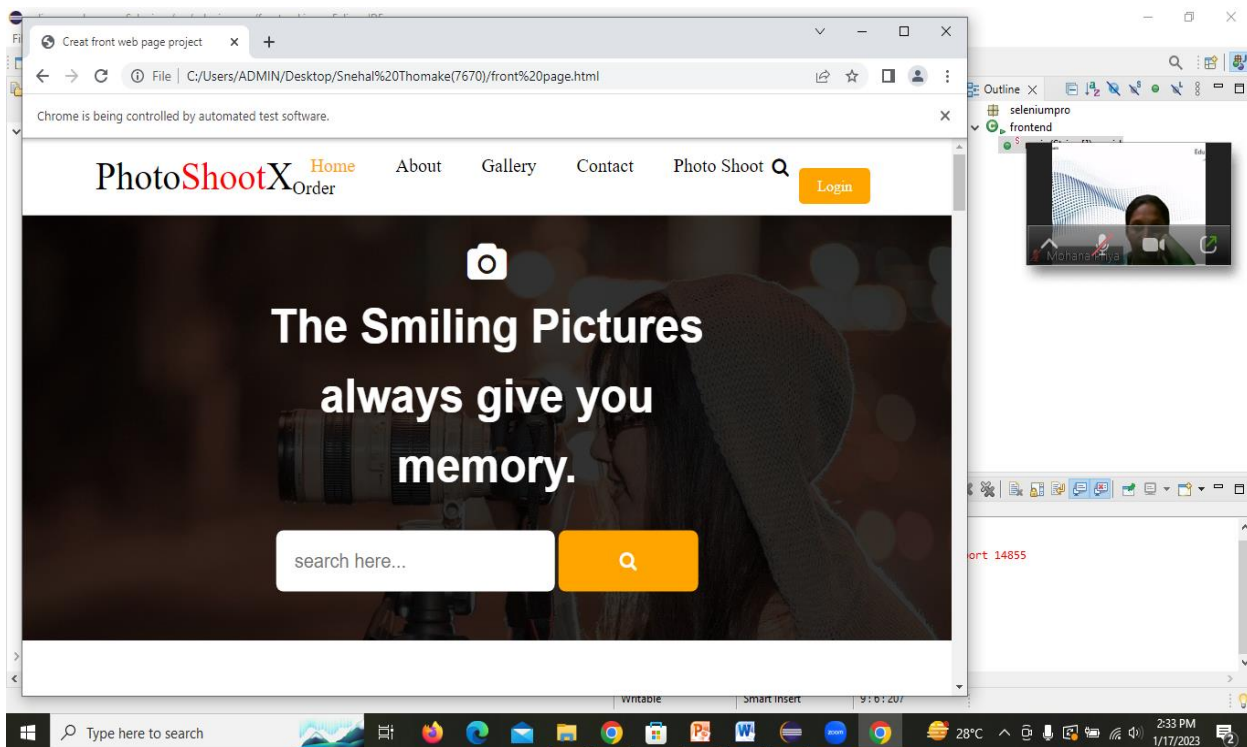
```
driver.findElement(By.xpath("/html/body/div/div[2]/div/div/form[1]/input[2]")).sendKeys("7887838057");

driver.findElement(By.xpath("/html/body/div/div[1]/div/a")).click();

    }

}
```

Screenshot



7.6 Automation testing Using Cucumber

7.6.1 Coding → java code for Edubridge

```
package StepDefination;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;
public class LoginStep {
    WebDriver driver;
    @Given("I am a user of edubridge.com")
    public void i_am_a_user_of_edubridge_com() {
        System.setProperty("webdriver.chrome.driver",
"C:\\Users\\ADMIN\\Downloads\\chromedriver_win32\\chromedriver.exe");
        driver = new ChromeDriver();
        driver.get("https://www.edubridgeindia.com");
        driver.navigate().to("https://www.edubridgeindia.com/login");
    }
    @When("I log in using valid credentials")
    public void i_log_in_using_valid_credentials() {
        driver.findElement(By.id("login_mobile")).sendKeys("7887838057");
        driver.findElement(By.id("login_password")).sendKeys("snehal@28");
        driver.findElement(By.cssSelector("label[class*='form-check form-check-
label']")).click();
    }
    @Then("I should be logged in")
    public void i_should_be_logged_in() {
        driver.findElement(By.id("btnLoginSubmit")).click();
    }
}
```


Cucumber .feature code

Feature: User tries to login to edubridge.com with valid credentials

Scenario: Valid login

Given I am a user of edubridge.com

When I log in using valid credentials

Then I should be logged in

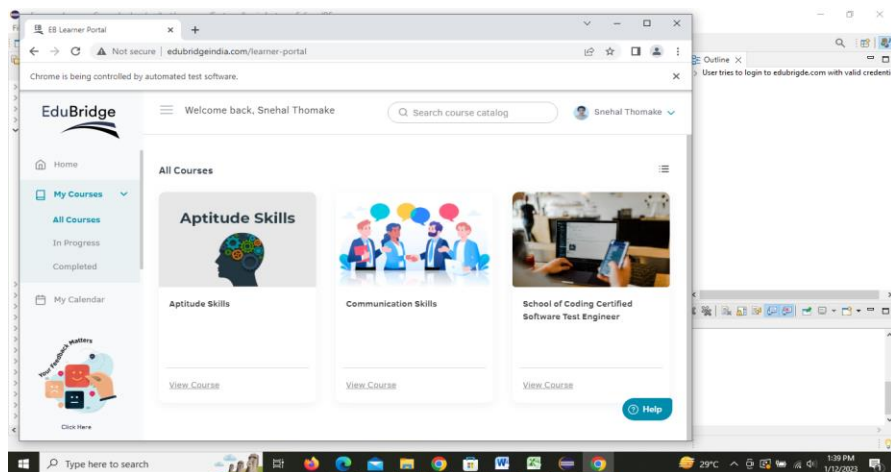
Scenario: Invalid login

Given I am a user of edubridge.com

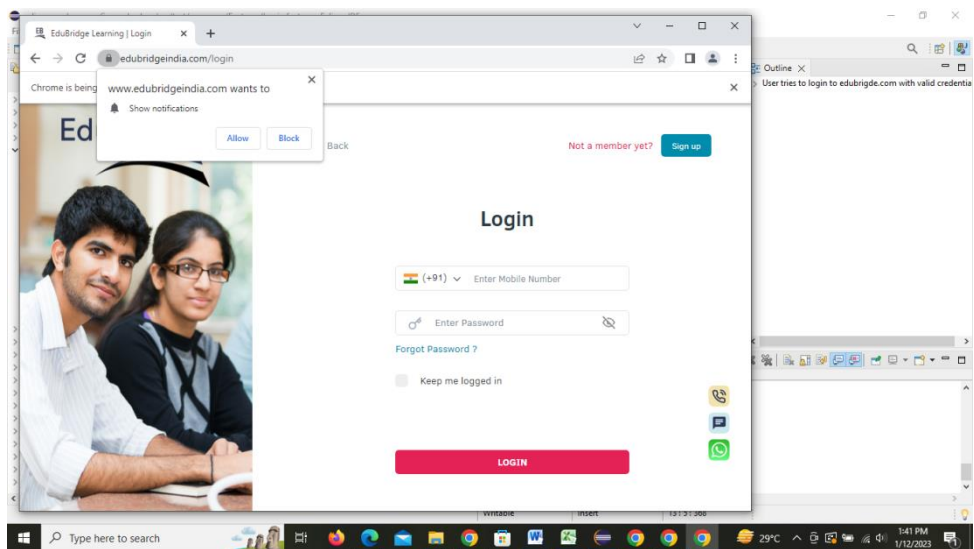
When I log in using Invalid credentials

Then I should be not logged in

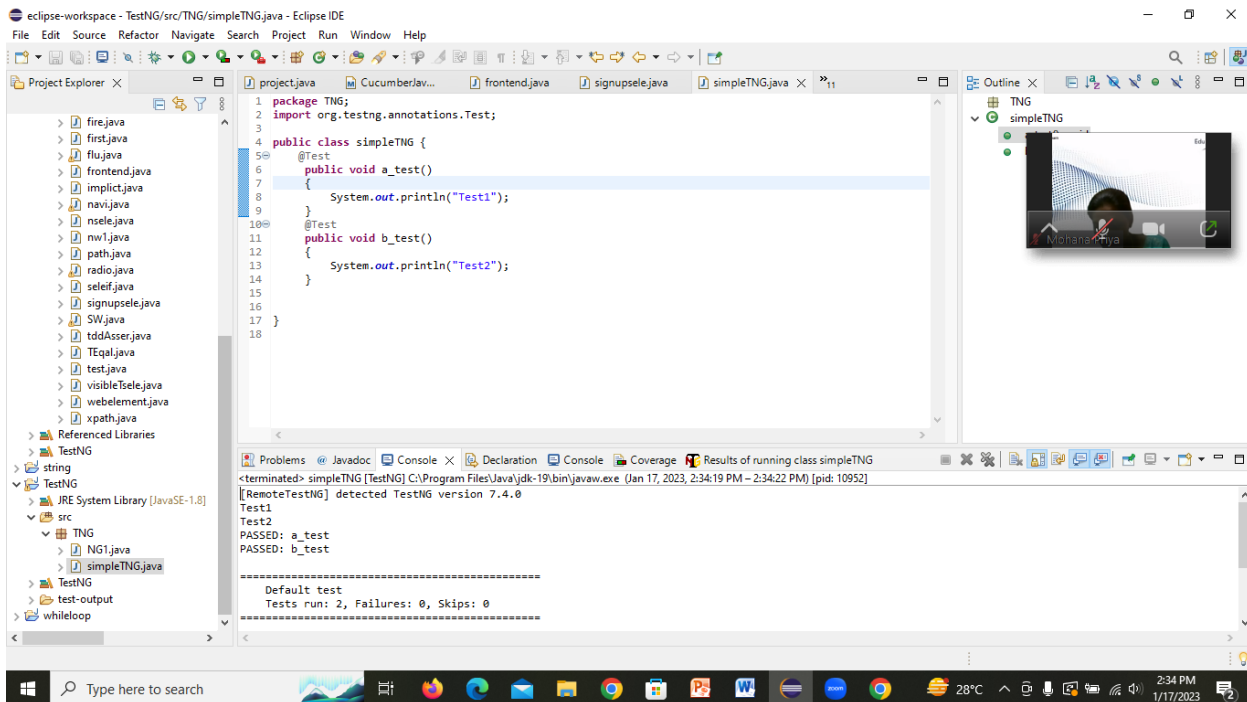
Valid output Screenshot



Invalid output Screenshot



7.8 TestNG



8 CONCLUSION

Through this hands-on project I was able to see how well my understood the material presented and my critical thinking as you developed the photo-shoot site. I was also able to show my creative side, through the layout and design of my project. Knowing basic HTML is a skill that will help me with web design, working with Facebook, and much more. Websites are playing important part in improvement of business. 70% of the population is using dynamic and interactive websites because of their eye capturing visual effects. Static websites also have their own place for the platform where there is specific information required. Static websites require less investment as compare to dynamic websites.

In this project, I was introduced to many new concepts in front-end development. To recap, I learned how to Build responsive websites using HTML, CSS, and JAVA SCRIPT, Learn to use appropriate HTML elements to display content, Style HTML using CSS and JAVA SCRIPT, Position content with JAVA SCRIPT's grid system, Properly structure HTML to re-create designs and wireframes