

# **A SUMMER INTERNSHIP REPORT**

**on**

## **WEB DEVELOPMENT**

Submitted in partial fulfillment of the requirements of the degree

**Bachelor of Technology**

**In**

## **COMPUTER SCIENCE AND ENGINEERING**

**By**

**BADUGU HARATHI TIRUPATHAMMA**

**(O190066)**

**Under the Supervision of**

**Next24tech Technology & Services**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE AND TECHNOLOGIES**  
**ONGOLE CAMPUS - AP**  
**2023-2024**

# SUMMER INTERNSHIP CERTIFICATE



Technology & Services



Intern ID: NIP/2024/05169

## CERTIFICATE OF INTERNSHIP

This certificate awarded to

**BADUGU HARATHI TIRUPATHAMMA**

*From Next24tech Technology & Services*

In recognition of her efforts and achievements in completing the 6-Week AICTE Internship program in

**Web Development**

Conducted from 11th May 2024– 22nd June 2024



Issue Date : 22nd June, 2024

Next24tech

To verify the authenticity of this certification, please contact us at [next24tech@gmail.com](mailto:next24tech@gmail.com)

## **BONAFIDE CERTIFICATE**



This is to certify that the summer internship report on “WEB DEVELOPMENT” being submitted by **BADUGU HARATHI TIRUPATHAMMA(O190066)** partial fulfillment of the Requirements for the award of the degree of the Bachelor of Technologies in Computer Science and Engineering to Rajiv Gandhi University of Knowledge Technologies- AP, ONGOLE Campus, is a record of bonafide work carried out under my supervision during the academic year 2023-24.

I am indebted to **Mr.B.Sampath Babu**, my project guide for conscientious guidance and encouragement to accomplish this project.

I am extremely thankful and pay my gratitude to **Mr.N.Mallikarjuna**, HoD(i/c), CSE, for his valuable guidance and support on the completion of this project.

The report hasn't been submitted previously in part or in full to this or any other university or institution for the award of any degree.

**Mr.B SAMPATH BABU**

**Assistant Professor,**

**Department of CSE,**

**RGUKT,ONGOLE.**

**Mr.N.MALLIKARJUNA,**

**HoD CSE(i/c)**

**Department of CSE**

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RAJIV GANDHI UNIVERSITY OF KNOWLEDGE AND TECHNOLOGIES

ONGOLE CAMPUS - AP



**CERTIFICATE**

This is to certify that the project report entitled by “WEB DEVELOPMENT” submitted by **BADUGU HARATHI TIRUPATHAMMA(O190066)** in partial fulfillment of the requirement for the award of **Bachelor of Technology in Computer Science and Engineering** in **RGUKT ONGOLE** is a record of Bonafide project work carried out under my guidance and supervision during the academic year 2023-2024.

The report hasn't been submitted previously in part or in full to this or any other university or institution for the award of any degree.

**Mr.B.Sampath Babu**

**Assistant Professor**

**Department of CSE**

**RGUKT - Ongole**

**Mr.N Mallikarjuna**

**Assistant Professor**

**Head of CSE Department**

**RGUKT - Ongole**

## **APPROVAL SHEET**

This report entitled WEB DEVELOPMENT INTERSHIP by **BADUGU HARATHI TIRUPATHAMMA(O190066)** is **Mr.B.Sampath Babu,Assistant Professor** approved for the degree of **Bachelor of Technology in Computer Science and Engineering.**

**Examiner(s)**

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---

**Supervisor(s)**

---

---

**Chairman:**

---

**Date :** \_\_\_\_\_

**Place :** \_\_\_\_\_

## **DECLARATION**

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

**SIGNATURE:** \_\_\_\_\_

**NAME:** BADUGU HARATHI TIRUPATHAMMA

**ID NO:** O190066

**DATE:** \_\_\_\_\_

## ACKNOWLEDGEMENT

Firstly I would like to thank the team of Next24tech technology and services for giving me this opportunity to do the project in “WEB DEVELOPMENT”.

It is my privilege to express a profound sense of respect, gratitude and indebtedness to my guide **Mr. B Sampath Babu, Assistant Professor**, Department of Computer Science and Engineering, RGUKT - Ongole, for his indefatigable inspiration, guidance, cogent discussion, constructive criticisms and encouragement throughout the dissertation work.

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I extend my sincere thanks to **Dr. Bhaskar Patel, Director**, RGUKT Ongole for his encouragement.

**With sincere regards,**

Badugu Harathi Tirupathamma(O190066)

**Date:** \_\_\_\_\_

## **ABSTRACT**

Web development refers to the creating, building, and maintaining of websites. It includes aspects such as web design, web publishing, web programming, and database management. It is the creation of an application that works over the internet i.e. websites. Web development can range from developing a simple single static page of plain text to complex web applications, electronic businesses, and social network services.

In this internship I have totally done three small projects which was assigned to me in this internship. These projects are designed by using Front end technologies like HTML, CSS, JAVASCRIPT. The three projects are related to Front End. So I used only Front End technologies.

These Front End technologies play a key role in the graphical user interface.



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# **1.INTRODUCTION**

Web development refers to the creating, building, and maintaining of websites. It includes aspects such as web design, web publishing, web programming, and database management. It is the creation of an application that works over the internet i.e. websites.

I have done my summer internship in NEXT24TECH TECHNOLOGY AND SERVICES as WEB DEVELOPMENT INTERN completing the projects which was assigned to me. It is a great platform for internship to show my skills. My internship experience at the technology company was a valuable stepping stone in my professional journey. The projects which are assigned to mentioned given below briefly.

## **1. PORTFOLIO WEBSITE:**

A portfolio website is a unique way to showcase your work and let others know about yourself. It's like an evergreen platform for your projects, case studies, and information about you. In addition, it's one of the best ways to express your personality, experience, and capabilities.

## **2. E-COMMERCE WEBSITE:**

An e-commerce shopping website is an online platform that allows businesses to sell products and services directly to consumers over the internet. It provides a virtual storefront where customers can browse, select, and purchase items from the comfort of their own homes or on the go using various items such as boys wear, girls wear, jewellery, computers, tablets, or smartphones etc.

## **3. E-LEARNING WEBSITE:**

An e-learning website is an online platform designed to deliver educational content and facilitate learning experiences through the internet. These websites provide a range of courses, tutorials, and resources that allow individuals to learn new skills, gain knowledge, and even earn certifications or degrees from the comfort of their own homes or on the go.

## **2.REQUIREMENT ANALYSIS**

In order to run an application we need to have some basic configuration related to hardware and software. The following were listed requirements to run the projects smoothly.

### **2.1 REQUIREMENT SPECIFICATION:**

#### **2.1.1 Hardware requirements**

- Processor : Intel i3 or above
- Memory : 4GB RAM
- CPU : 64bit Architecture

#### **2.1.2 Software requirements**

- Operating system : Windows/Linux/Ubuntu
- Browser : Chrome/Mozilla firebox/Safari

### **2.2 TECHNOLOGIES USED:**

#### **HTML**

HTML, or Hypertext Markup Language, is a markup language for the web that defines the structure of web pages. It is one of the most basic building blocks of every website, so it's crucial to learn if you want to have a career in web development. HTML elements are delineated by tags written using angle brackets. Other tags such as <p> and </p> surround and provide information about document text and may include sub-element tags. Browsers do not display the HTML tags but use them to interpret the content of the page.

#### **CSS**

CSS (Cascading Style Sheets) is used to style and layout web pages for example, to alter the font, color, size, and spacing of your content, split it into multiple columns, or add animations and other decorative features. CSS is designed to enable the separation of content and presentation, including layout, colors and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, which reduces complexity and repetition in the structural content; and enable the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

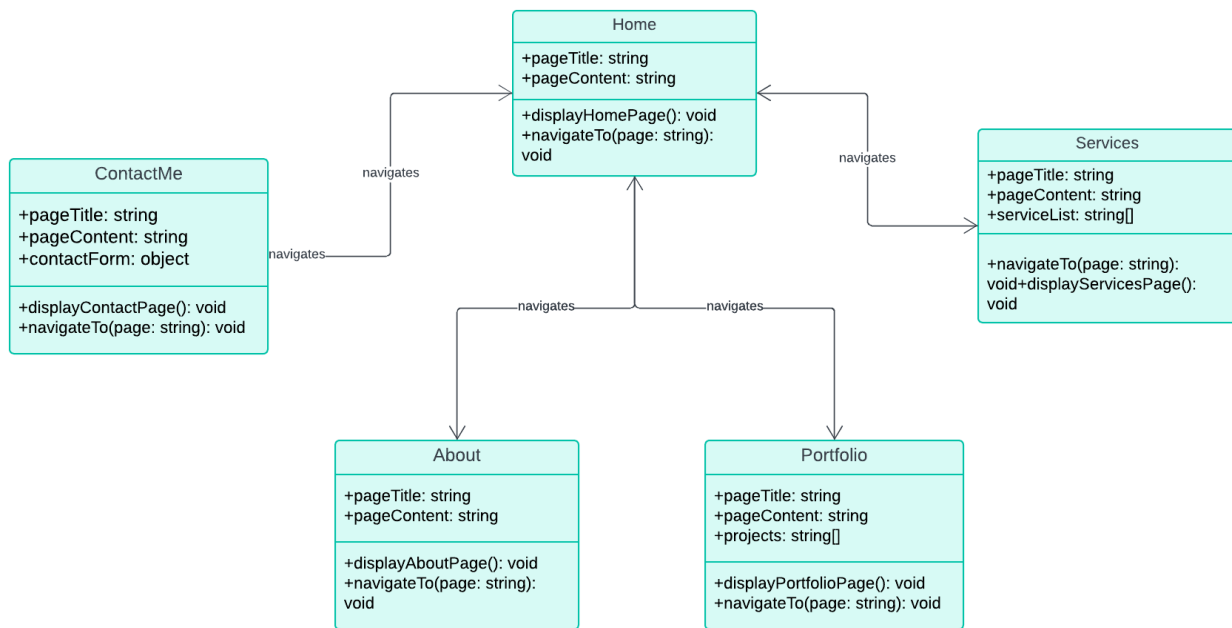
#### **JAVASCRIPT**

JavaScript is a dynamic programming language that's used for web development, in web applications, for game development, and lots more. It allows you to implement dynamic features on web pages that cannot be done with only HTML and CSS. JavaScript is a high-level often just-in-time compiled language that conforms to the ECMAScript standard. It has dynamic typing, prototype based object orientation and first class functions. It is multi-paradigm, supporting event-driven, functional, and imperative programming styles. It has application programming interfaces (API) for working with text, dates, regular expressions, standard data structures.

### 3. SYSTEM DESIGN

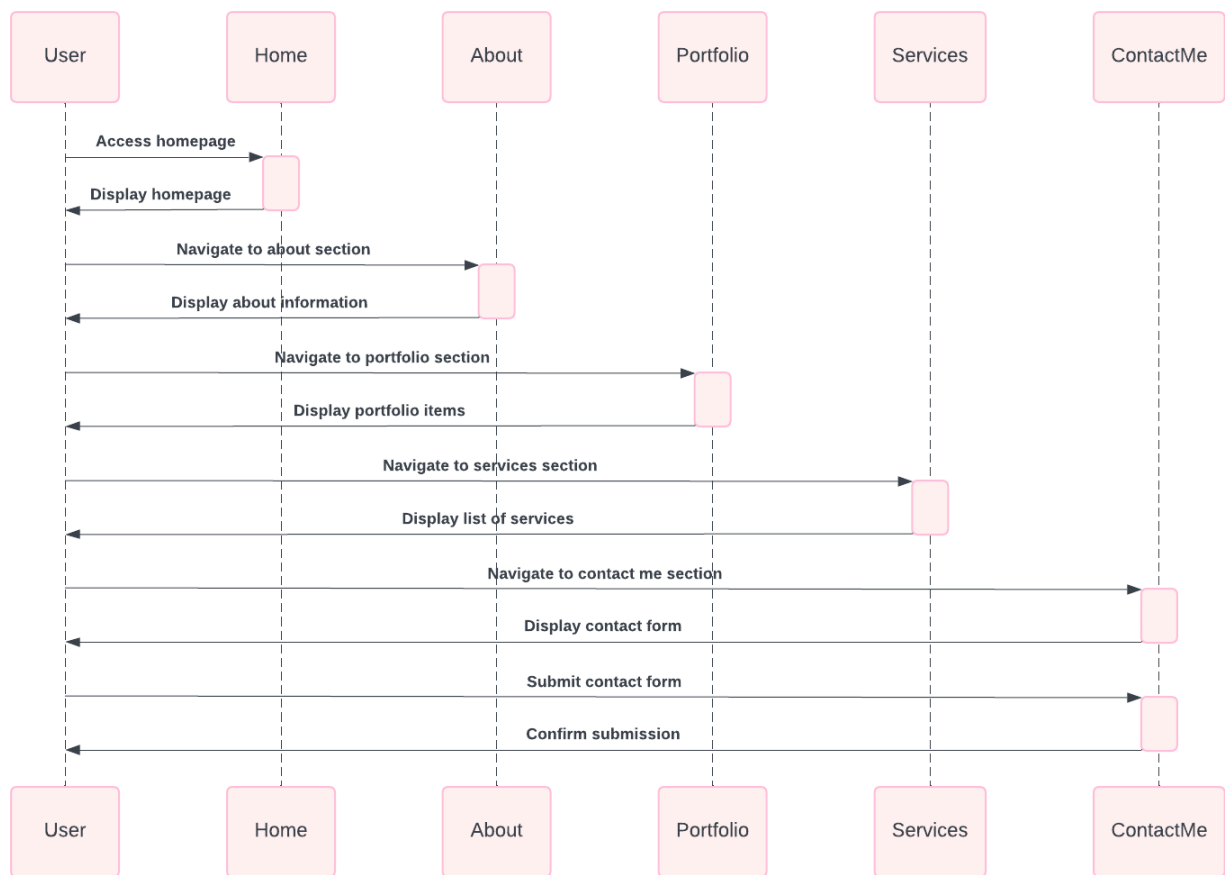
#### 3.1 CLASS DIAGRAM

Class diagrams are one of the most widely used diagrams. It is the backbone of all the object oriented software systems. It depicts the static structure of the system. It displays the system's class, attributes, and methods. It is helpful in recognizing the relation between different object as well as classes.



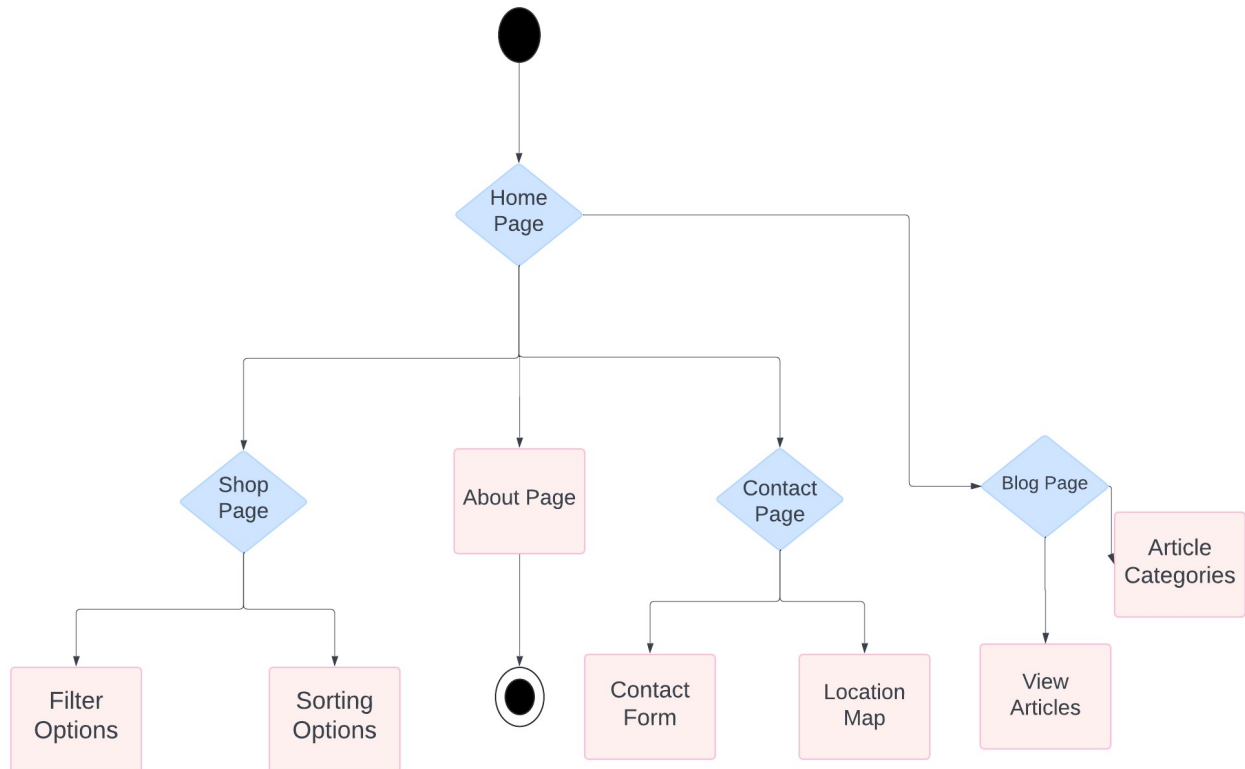
## 3.2 SEQUENCE DIAGRAM

The sequence diagram represents the flow of messages in the system and is also termed as an event diagram. It helps in envisioning several dynamic scenarios. It portrays the communication between any two lifelines as a time-ordered sequence of events, such that these lifelines took part at the run time.



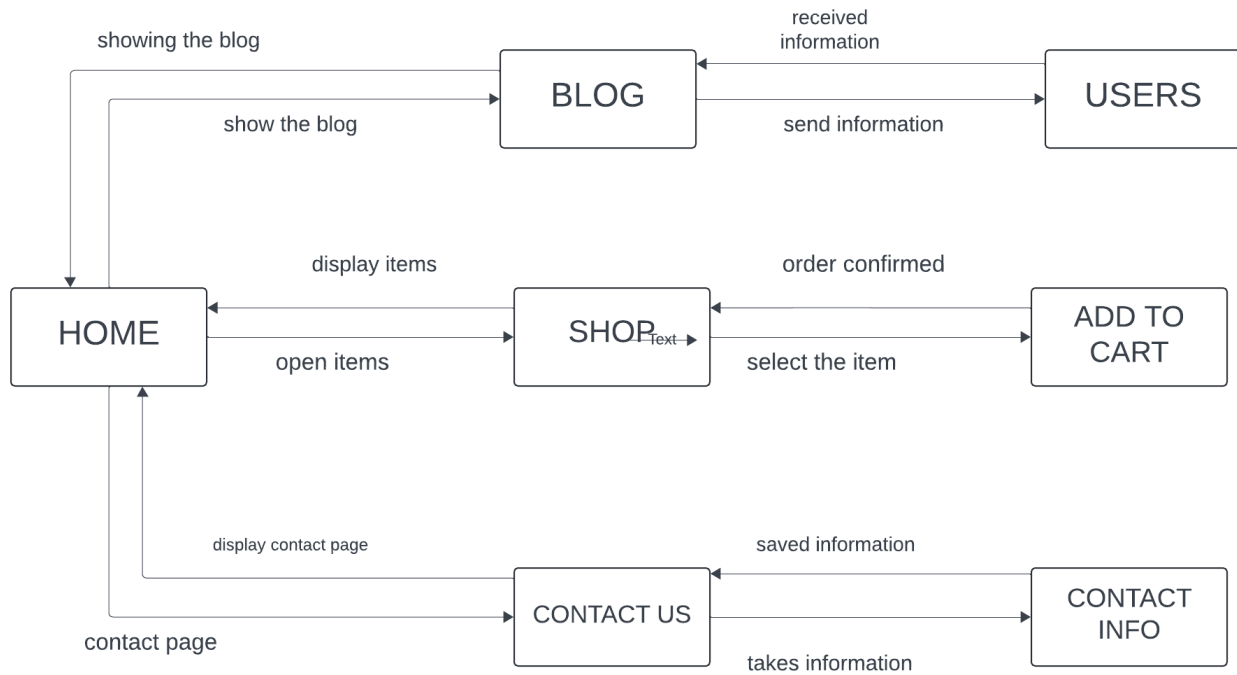
### 3.3. STATE MACHINE DIAGRAM

The state machine diagram is also called the State chart or State Transition diagram, which shows the order of states underwent by an object within the system. It captures the software system's behavior. It models the behavior of a class, a subsystem, a package, and a complete system. It tends out to be an efficient way of modeling the interactions and collaborations in the external entities and the system.



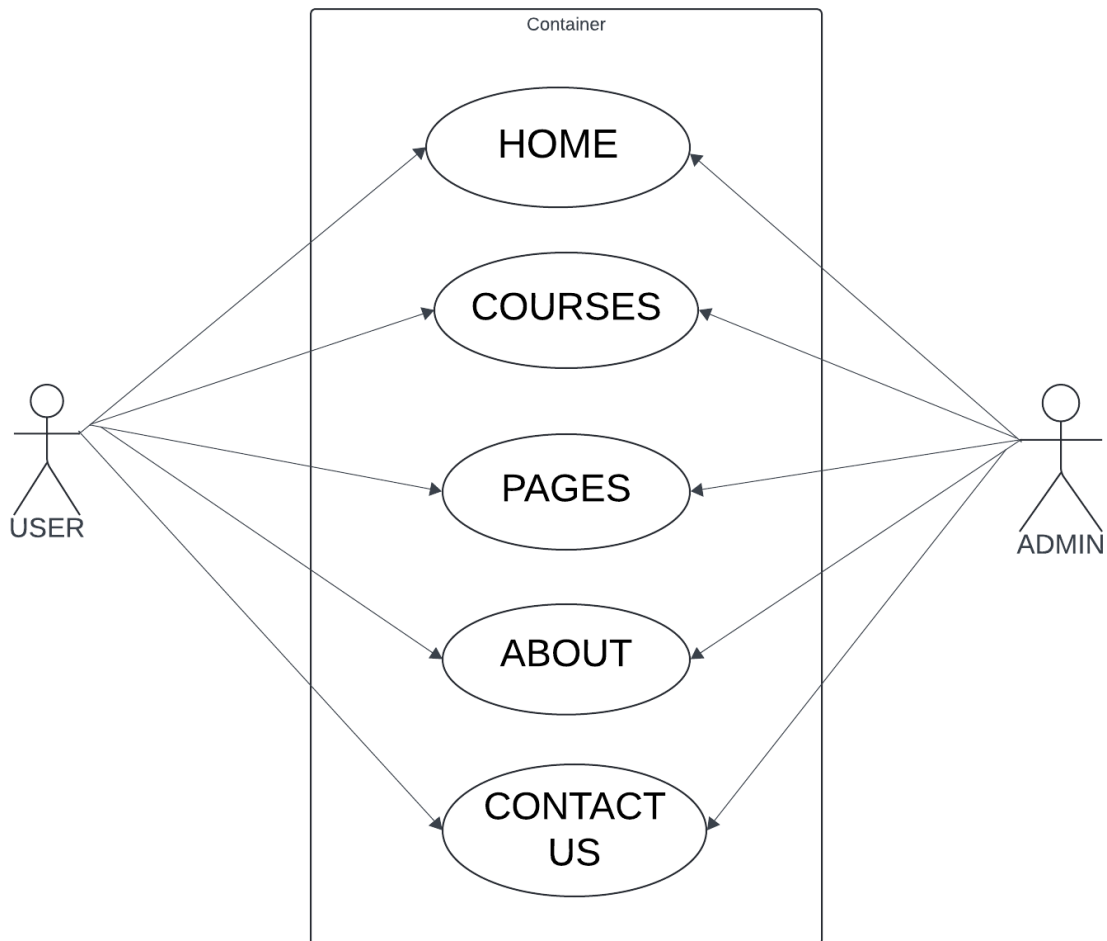
### 3.4 COMMUNICATION DIAGRAM

It shows the interchange of sequence messages between the objects. It focuses on objects and their relations. It describes the static and dynamic behavior of a system. A Communication diagram models the interactions between objects or parts in terms of sequenced messages. Communication diagrams represent a combination of information taken from class, Sequence and Use Case Diagrams describing both the static structure and dynamic behavior of a system.



### 3.5 USE CASE DIAGRAM

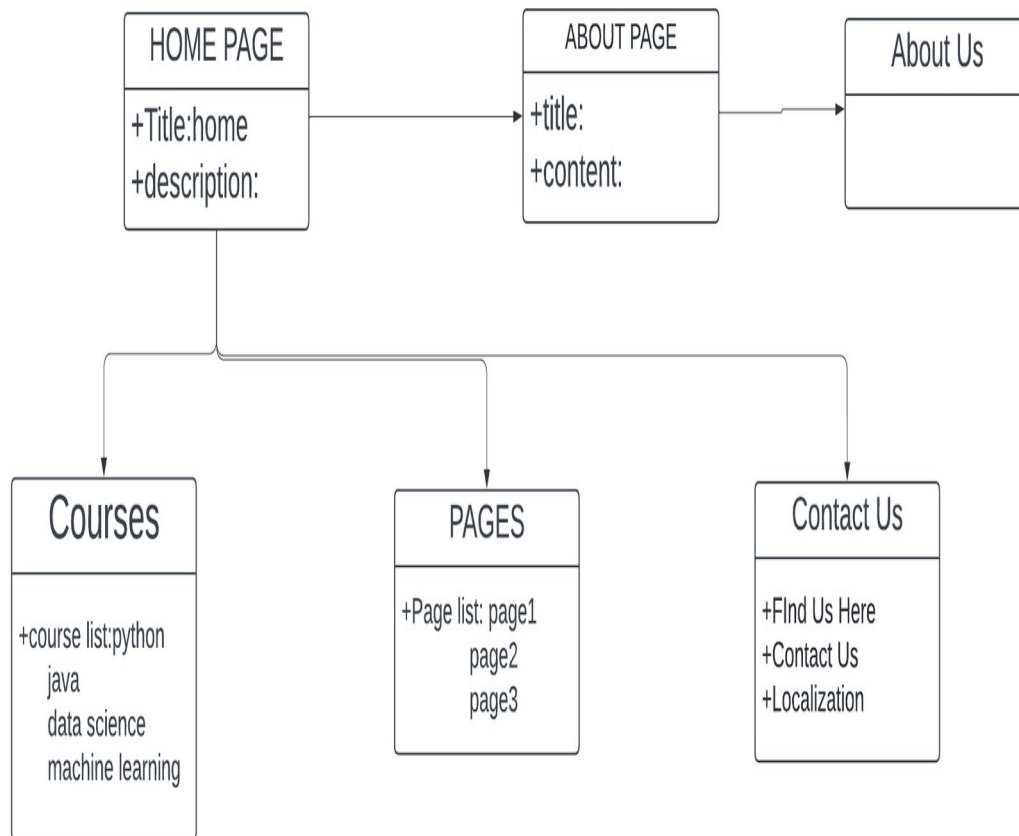
In UML, use-case diagrams model the behavior of a system and help to capture the requirements of the system. Use-case diagrams describe the high-level functions and scope of a system. These diagrams also identify the interactions between the system and its actors. The use cases and actors in use-case diagrams describe what the system does and how the actors use it, but not how the system operates internally.





### 3.6 OBJECT DIAGRAM

Object Diagrams represents an instance of class diagrams. The basic concepts are similar for class diagram and Object diagram. It describes the static structure of a system at a particular point in time. It can be used to test the accuracy of class diagrams. It represents distinct instances of classes and the relationship between them at a time.



## **4. SOFTWARE ENVIRONMENT**

### **4.1 Visual Studio Code (IDE):**

Visual Studio Code is a free coding editor that helps you start coding quickly. Use it to code in any programming language, without switching editors. Visual Studio Code has support for many languages, including Python, Java, C++, JavaScript, and more. VS Code is a source code editor made by Microsoft for windows, Linux and macOS. Users can change the theme, Keyboard shortcuts, preferences, and install extensions that add additional functionality.

### **4.2 Chrome or any Web Browser:**

A web browser is a application software for accessing websites. When a user requests a web page from a particular website, the browser retrieves its files from a web browser and then displays the page on the users screen. Browsers are used on a range of devices, including desktops, laptops, tablets and smart phone.

## 5.IMPLEMENTATION

### 5.1 SAMPLE CODE

#### 1.Portfolio

##### index.html

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Portfolio Website</title>

  <!-- ***** Favicon icon link ***** -->
  <link rel="icon" href="images/pic1.png">

  <!-- ***** Fontawesome link ***** -->
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

  <!-- ***** CSS link ***** -->
  <link rel="stylesheet" href="style.css">
</head>

<body>

  <!-- ***** Page loader start ***** -->
  <div class="page-loader">
    <div></div>
    <div></div>
    <div></div>
  </div>
  <!-- ***** Page loader end ***** -->

  <!-- ***** Background Circles Start ***** -->
  <div class="bg-circles">
    <div class="circle-1"></div>
    <div class="circle-2"></div>
    <div class="circle-3"></div>
    <div class="circle-4"></div>
  </div>
  <!-- ***** Background Circles End ***** -->

  <!-- ***** Overlay Start ***** -->
```

```
<div class="overlay"></div>
<!-- ***** Overlay End ***** -->
```

```
<!-- ***** Main start ***** -->
```

```
<div class="main hidden">
```

```
<!-- ***** Header start ***** -->
```

```
<div class="header">
```

```
<div class="container">
```

```
<div class="row flex-end">
```

```
<button class="nav-toggler" type="button">
```

```
<span></span>
```

```
</button>
```

```
<nav class="nav">
```

```
<div class="nav-inner">
```

```
<ul>
```

```
<li><a href="#home" class="nav-item link-item">home</a></li>
```

```
<li><a href="#about" class="nav-item link-item">about</a></li>
```

```
<li><a href="#portfolio" class="nav-item link-item">portfolio</a></li>
```

```
<li><a href="#services" class="nav-item link-item">services</a></li>
```

```
<li><a href="#contact" class="nav-item link-item">contact</a></li>
```

```
</ul>
```

```
</div>
```

```
</nav>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<!-- ***** Header end ***** -->
```

```
<!-- ***** Home section start ***** -->
```

```
<section class="home-section" id="home">
```

```
<div class="container">
```

```
<div class="row">
```

```
<div class="home-text">
```

```
<h3>Hello, I'm</h3>
```

```
<h1>Harathi Badugu</h1>
```

```
<h2>Frontend developer</h2>
```

```
<p>
```

A passionate Frontend Developer      having an experience of building Websites

with HTML /

CSS / Bootstrap / JavaScript / Python and some other cool libraries and

frameworks.

```
</p>
```

```
<a href="#about" class="btn link-item">more about me</a>
```

```
<a href="#portfolio" class="btn link-item">portfolio</a>
```

```
</div>
```

```
<div class="home-img">
```

```
<div class="img-box">
```

```


    </div>
  </div>
</div>
</div>
</section>
<!-- ***** Home section end ***** -->
</body>
</html>

```

### style.css

```

/* ----- fonts ----- */

@import url('https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap');

/* ----- variables ----- */

:root {
  --main-color: #e02f6b;
  --blue: #0000ff;
  --blue-dark: #18293c;
  --orange: #ffa500;
  --green-yellow: #cddc39;
  --pink-light: #efa2b4;
  --cyan-light: #aef1ee;
  --white: #ffffff;
  --white-alpha-40: rgba(255, 255, 255, 0.40);
  --white-alpha-25: rgba(255, 255, 255, 0.25);
  --backdrop-filter-blur: blur(5px);
}

/* ----- Global setting ----- */

* {
  box-sizing: border-box;
  margin: 0;
  padding: 0;
  outline: none;
}

::before,
::after {
  box-sizing: border-box;
}

body {
  min-height: 100vh;
  background: linear-gradient(to bottom right, var(--pink-light), var(--cyan-light));
  background-attachment: fixed;

```

```
font-size: 16px;
font-family: 'Poppins', sans-serif;
font-weight: 300;
color: var(--blue-dark);
line-height: 1.5;
overflow-x: hidden;
-webkit-tap-highlight-color: transparent;
padding: 35px 15px;
}
```

```
body.hide-scrolling {
  overflow-y: hidden;
}
```

```
body::before {
  content: "";
  position: fixed;
  left: 0;
  top: 0;
  height: 100%;
  width: 100%;
  background-color: var(--green-yellow);
  z-index: -1;
  opacity: 0.12;
}
```

```
a {
  text-decoration: none;
}
```

```
h1,
h2 {
  font-weight: 600;
}
```

```
h3,
h4,
h5,
h6 {
  font-weight: 500;
}
```

```
img {
  max-width: 100%;
  vertical-align: middle;
}
```

```
ul {
  list-style: none;
}
```

```

section {
  background-color: var(--white-alpha-25);
  border: 1px solid var(--white-alpha-40);
  min-height: calc(100vh - 70px);
  border-radius: 30px;
  backdrop-filter: var(--backdrop-filter-blur);
  display: none;
}

section.active {
  animation: fadeIn 0.5s ease-in-out forwards;
  display: block;
}

section.fade-out {
  animation: fadeOut 0.5s ease-in-out forwards;
}

.main {
  max-width: 1400px;
  margin: auto;
  transition: all 0.5s ease-in-out;
  position: relative;
}

.main.fade-out {
  opacity: 0;
}

.container {
  padding: 0 40px;
  width: 100%;
}

.row {
  display: flex;
  flex-wrap: wrap;
  align-items: center;
}

.hidden {
  display: none !important;
}

/* ----- section title ----- */

```

### **script.js**

```

window.addEventListener("load", () =>{
  document.querySelector(".main").classList.remove("hidden");
  document.querySelector(".home-section").classList.add("active");

```

```

// Page Loader
document.querySelector(".page-loader").classList.add("fade-out");
setTimeout(() =>{
    document.querySelector(".page-loader").style.display = "none";
},600);
});

// toggle navbar

const navToggler = document.querySelector(".nav-toggler");
navToggler.addEventListener("click", () =>{
    hideSection();
    toggleNavbar();
    document.body.classList.toggle("hide-scrolling");
});

function hideSection(){
    document.querySelector("section.active").classList.toggle("fade-out");
}

function toggleNavbar(){
    document.querySelector(".header").classList.toggle('active');
}

// Active Section

document.addEventListener("click", (e) =>{
    if(e.target.classList.contains("link-item") && e.target.hash !== ""){

        // activate the overlay to prevent multiple clicks

        document.querySelector(".overlay").classList.add("active");
        navToggler.classList.add("hide");
        if(e.target.classList.contains("nav-item")){
            toggleNavbar();
        }else{
            hideSection();
            document.body.classList.add("hide-scrolling");
        }
        setTimeout(() =>{
            document.querySelector("section.active").classList.remove("active","fade-out");
            document.querySelector(e.target.hash).classList.add("active");
            window.scrollTo(0,0);
            document.body.classList.remove("hide-scrolling");
            navToggler.classList.remove("hide");
            document.querySelector(".overlay").classList.remove("active");
        },500);
    }
});

```



## 2. E-Commerce webise source code

### index.html

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

  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Cara</title>
    <link rel="icon" type="image/x-icon" href="/img/icon1.png">
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/boxicons@latest/css/boxicons.min.css">
    <link rel="stylesheet" href="style.css">
  </head>

  <body>
    <section id="header">
      <a href="#"></a>

      <div>
        <ul id="navbar">
          <li><a class="active" href="index.html">Home</a></li>
          <li><a href="shop.html">Shop</a></li>
          <li><a href="blog.html">Blog</a></li>
          <li><a href="about.html">About</a></li>
          <li><a href="contact.html">Contact</a></li>
          <li id="lg-bag"><a href="cart.html"><i class='bx bx-shopping-bag' ></i></a></li>
          <a href="#" id="close"><i class='bx bx-x'></i></a>
        </ul>
      </div>
      <div id="mobile">
        <a href="cart.html"><i class='bx bx-shopping-bag' ></i></a>
        <i id="bar" class='bx bx-menu'></i>
      </div>
    </section>

    <section id="main">
      <h4>Trade-in-offer</h4>
      <h2>Super value deals</h2>
      <h1>On all products</h1>
      <p>save more with coupons & up to 70% off!</p>
      <button class="btn">Shop Now</button>
    </section>

    <section id="feature" class="section-p1">
      <div class="fe-box">
        
```

```

<h6>Free Shipping</h6>
</div>
<div class="fe-box">
  
  <h6>Online Order</h6>
</div>
<div class="fe-box">
  
  <h6>Save Money</h6>
</div>
<div class="fe-box">
  
  <h6>Promotions</h6>
</div>
<div class="fe-box">
  
  <h6>Happy Sell</h6>
</div>
<div class="fe-box">
  
  <h6>F24/7 Support</h6>
</div>
</section>
</body>
</html>

```

### style.css

```

@import url("https://fonts.googleapis.com/css2?
family=Spartan:wght@100;200;300;400;500;600;700;800;900&display=swap");
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: "Spartan", sans-serif;
}

html {
  scroll-behavior: smooth;
}
/* Global Styles */

h1 {
  font-size: 50px;
  line-height: 64px;
  color: #222;
}

h2 {
  font-size: 46px;
  line-height: 54px;

```

```

    color: #222;
}

h4 {
    font-size: 20px;
    color: #222;
}

h6 {
    font-weight: 700;
    font-size: 12px;
}

p {
    font-size: 16px;
    color: #465b52;
    margin: 15px 0 20px 0;
}

.section-p1 {
    padding: 40px 80px;
}

.section-m1 {
    margin: 40px 0;
}

button.normal {
    font-size: 14px;
    font-weight: 600;
    color: #000;
    padding: 15px 30px;
    border-radius: 4px;
    background-color: #fff;
    cursor: pointer;
    border: none;
    outline: none;
    transition: 0.2s;
}

button.white {
    font-size: 13px;
    font-weight: 600;
    color: #fff;
    padding: 11px 18px;
    background-color: transparent;
    cursor: pointer;
    border: 1px solid #fff;
    outline: none;
    transition: 0.2s;
}

```

```
body {  
  width: 100%;  
}  
  
/* Header Style */  
  
#header {  
  display: flex;  
  align-items: center;  
  justify-content: space-between;  
  padding: 20px 80px;  
  background: #E3E6F3;  
  box-shadow: 0 5px 15px rgba(0, 0, 0, 0.06);  
  z-index: 999;  
  position: sticky;  
  top: 0;  
  left: 0;  
}
```

### **script.js**

```
const bar = document.getElementById('bar');  
const close = document.getElementById('close');  
const nav = document.getElementById('navbar');  
  
if(bar) {  
  bar.addEventListener('click', () => {  
    nav.classList.add('active');  
  })  
};  
  
if(close) {  
  close.addEventListener('click', () => {  
    nav.classList.remove('active');  
  })  
};
```

### 3. E-Learning website

#### index.html

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

<head>
  <meta charset="utf-8">
  <meta name="google-translate-customization" content="9f841e7780177523-3214ceb76f765f38-
gc38c6fe6f9d06436-c">
  </meta>

  <title>Secret Coder : Online Courses</title>
  <meta content="width=device-width, initial-scale=1.0" name="viewport">
  <meta content="" name="keywords">
  <meta content="" name="description">

  <!-- Favicon -->
  <link href="img/icon.png" rel="icon">

  <!-- Google Web Fonts -->
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link
    href="https://fonts.googleapis.com/css2?
family=Heebo:wght@400;500;600&family=Nunito:wght@600;700;800&display=swap"
    rel="stylesheet">

  <!-- Icon Font Stylesheet -->
  <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"
rel="stylesheet">

  <!-- Libraries Stylesheet -->
  <link href="lib/animate/animate.min.css" rel="stylesheet">
  <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">

  <!-- Customized Bootstrap Stylesheet -->
  <link href="css/bootstrap.min.css" rel="stylesheet">

  <!-- Template Stylesheet -->
  <link href="css/style.css" rel="stylesheet">
</head>
<body>
  <!-- Spinner Start -->
  <div id="spinner"
```

```

class="show bg-white position-fixed translate-middle w-100 vh-100 top-50 start-50 d-flex align-items-center justify-content-center">
    <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;" role="status">
        <span class="sr-only">Loading...</span>
    </div>
</div>
<!-- Spinner End -->

<!-- Navbar Start -->
<nav class="navbar navbar-expand-lg bg-white navbar-light shadow sticky-top p-0">
    <a href="index.html" class="navbar-brand d-flex align-items-center px-4 px-lg-5">
        <p class="m-0 fw-bold" style="font-size: 25px;">Secret<span
        style="color: #fb873f;">Coder</span></p>
    </a>
    <button type="button" class="navbar-toggler me-4" data-bs-toggle="collapse" data-bs-
target="#navbarCollapse">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarCollapse">
        <div class="navbar-nav ms-auto p-4 p-lg-0">
            <a href="index.html" class="nav-item nav-link active">Home</a>
            <a href="about.html" class="nav-item nav-link">About</a>
            <a href="courses.html" class="nav-item nav-link">Courses</a>
            <div class="nav-item dropdown">
                <a href="#" class="nav-link dropdown-toggle" data-bs-toggle="dropdown">Pages</a>
                <div class="dropdown-menu fade-down m-0">
                    <a href="team.html" class="dropdown-item">Our Team</a>
                    <a href="testimonial.html" class="dropdown-item">Testimonial</a>
                </div>
            </div>
            <a href="contact.html" class="nav-item nav-link">Contact</a>
            <a href="login.html" class="nav-item nav-link"><i class="fa fa-user"></i></a>
            <a href="#" class="nav-item nav-link">
                <div id="google_translate_element">
                </div>
            </a>
        </div>
    </div>
</nav>
<!-- Navbar End -->

```

## style.css

```

/***** Template CSS *****/
:root {
    --primary: #f69050;

```

```

--light: #F0FBFC;
--light: #f0e4de;
--dark: #181d38;
}

.btn {
  background-color: #fb873f;
  border: none;
}

.btn a {
  text-decoration: none;
  color: #fff;
}

.btn:hover {
  background: transparent;
  color: var(--primary) !important;
  border: 1px solid var(--primary);
}

.btn:hover a {
  color: var(--primary) !important;
}

.btn-light {
  background-color: var(--light);
}

.btn-light:hover {
  background: transparent;
  color: var(--light) !important;
  border: 1px solid var(--light);
}

.fw-medium {
  font-weight: 600 !important;
}

.fw-semi-bold {
  font-weight: 700 !important;
}

.back-to-top {
  position: fixed;
  display: none;
  left: 45px;
  bottom: 45px;
  z-index: 99;
}

```

```

/**** Spinner ****/
#spinner {
  opacity: 0;
  visibility: hidden;
  transition: opacity .5s ease-out, visibility 0s linear .5s;
  z-index: 99999;
}

#spinner.show {
  transition: opacity .5s ease-out, visibility 0s linear 0s;
  visibility: visible;
  opacity: 1;
}

/**** Button ****/
.btn {
  font-family: 'Nunito', sans-serif;
  font-weight: 600;
  transition: .5s;
}

.btn.btn-primary,
.btn.btn-secondary {
  color: #FFFFFFF;
}

.btn-square {
  width: 38px;
  height: 38px;
}

.btn-sm-square {
  width: 32px;
  height: 32px;
}

.btn-lg-square {
  width: 48px;
  height: 48px;
}

.btn-square,
.btn-sm-square,
.btn-lg-square {
  padding: 0;
  display: flex;
  align-items: center;
  justify-content: center;
  font-weight: normal;
  border-radius: 0px;
}

```



## **main.js**

```
(function ($) {  
    "use strict";  
  
    // Spinner  
    var spinner = function () {  
        setTimeout(function () {  
            if ($('#spinner').length > 0) {  
                $('#spinner').removeClass('show');  
            }  
        }, 1);  
    };  
    spinner();  
  
    // Initiate the wowjs  
    new WOW().init();  
  
    // Sticky Navbar  
    $(window).scroll(function () {  
        if ($(this).scrollTop() > 300) {  
            $('.sticky-top').css('top', '0px');  
        } else {  
            $('.sticky-top').css('top', '-100px');  
        }  
    });  
    // Dropdown on mouse hover  
    const $dropdown = $(".dropdown");  
    const $dropdownToggle = $(".dropdown-toggle");  
    const $dropdownMenu = $(".dropdown-menu");  
    const showClass = "show";  
  
    $(window).on("load resize", function () {  
        if (this.matchMedia("(min-width: 992px)").matches) {  
            $dropdown.hover(  
                function () {  
                    const $this = $(this);  
                    $this.addClass(showClass);  
                    $this.find($dropdownToggle).attr("aria-expanded", "true");  
                    $this.find($dropdownMenu).addClass(showClass);  
                },  
                function () {  
                    const $this = $(this);  
                    $this.removeClass(showClass);  
                    $this.find($dropdownToggle).attr("aria-expanded", "false");  
                    $this.find($dropdownMenu).removeClass(showClass);  
                }  
            );  
        }  
    });  
}
```

```

else {
    $dropdown.off("mouseenter mouseleave");
}
});

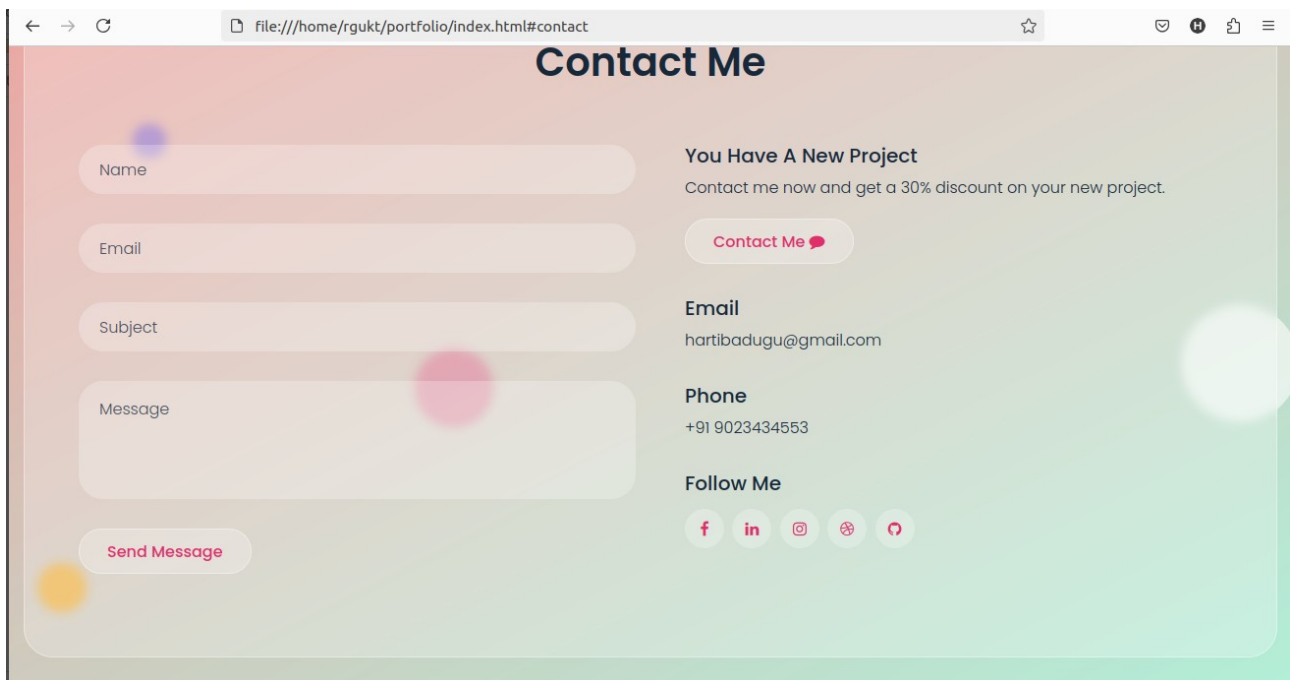
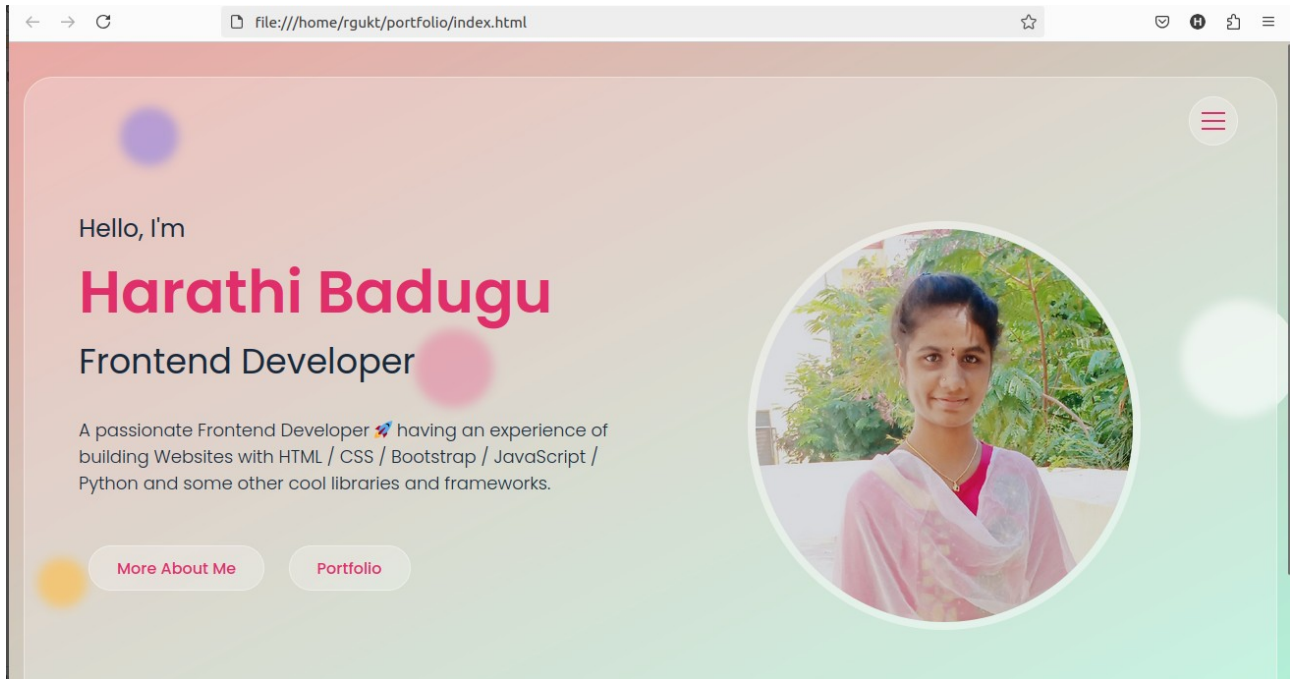
// Back to top button
$(window).scroll(function () {
    if ($(this).scrollTop() > 300) {
        $('.back-to-top').fadeIn('slow');
    } else {
        $('.back-to-top').fadeOut('slow');
    }
});
$('.back-to-top').click(function () {
    $('html, body').animate({ scrollTop: 0 }, 1500, 'easeInOutExpo');
    return false;
});

// Header carousel
$(".header-carousel").owlCarousel({
    autoplay: true,
    smartSpeed: 1500,
    items: 1,
    dots: false,
    loop: true,
    nav: true,
    navText: [
        '<i class="bi bi-chevron-left"></i>',
        '<i class="bi bi-chevron-right"></i>'
    ]
});

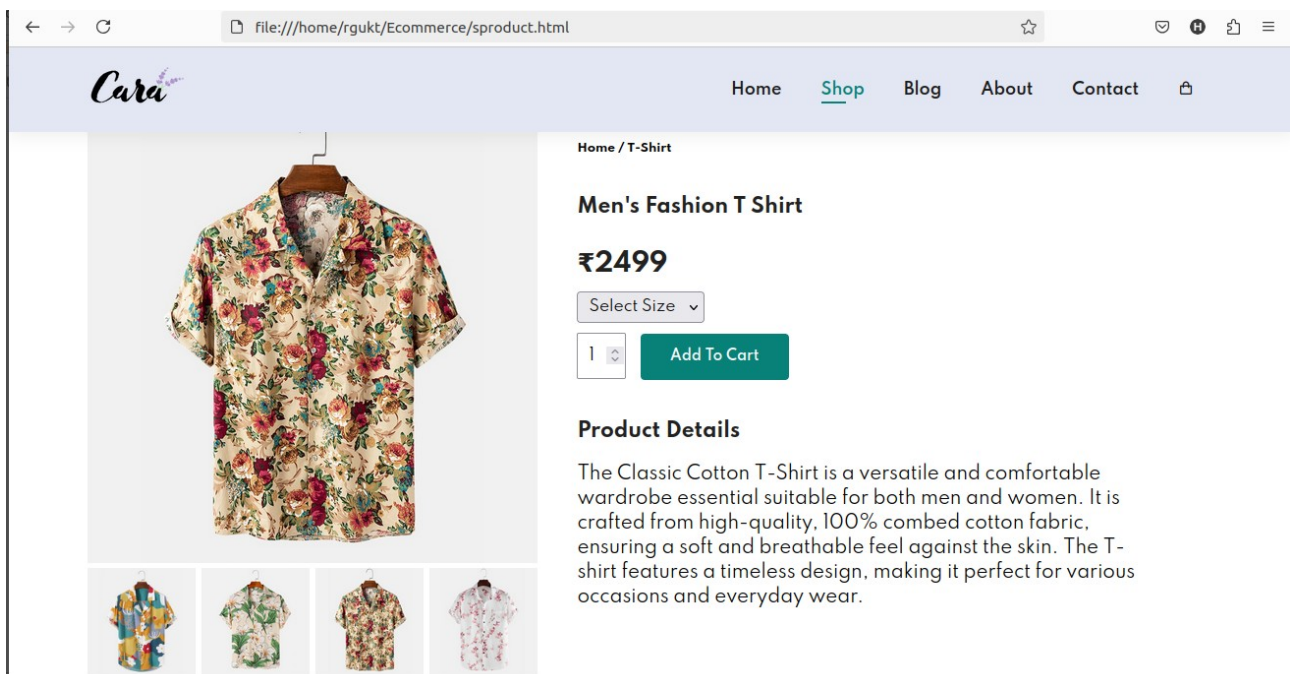
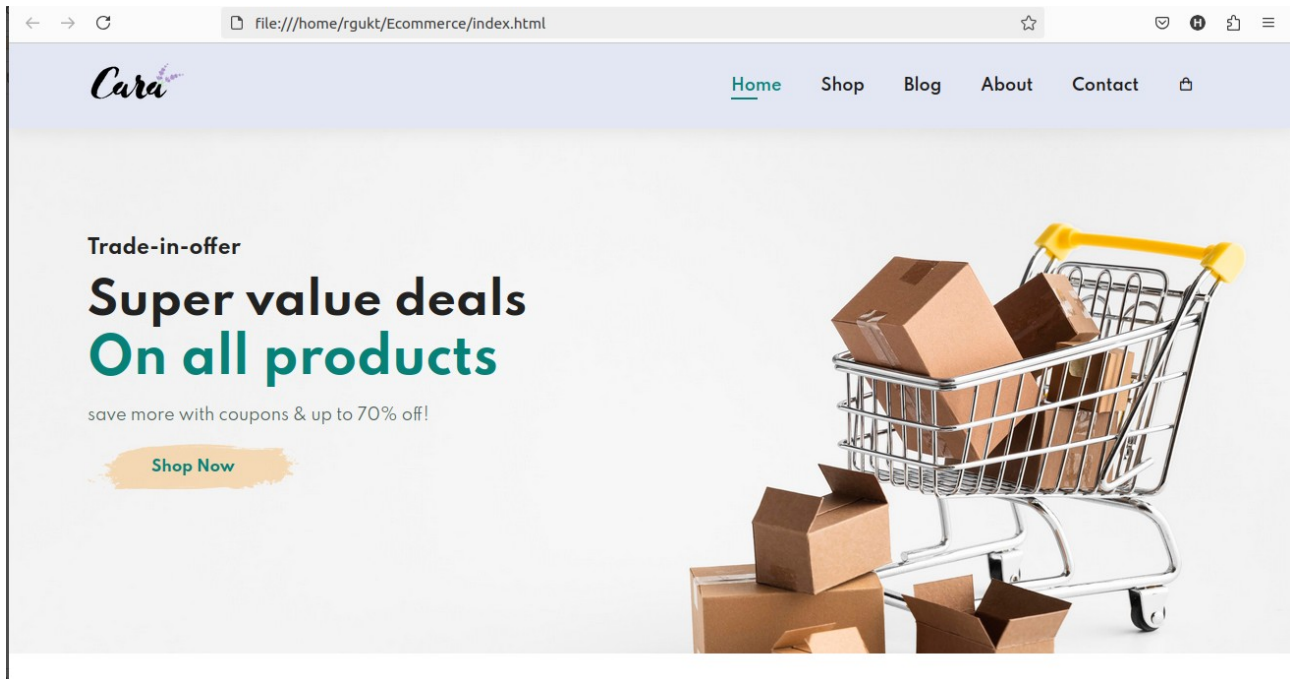
```

## 5.2 SCREENSHORTS

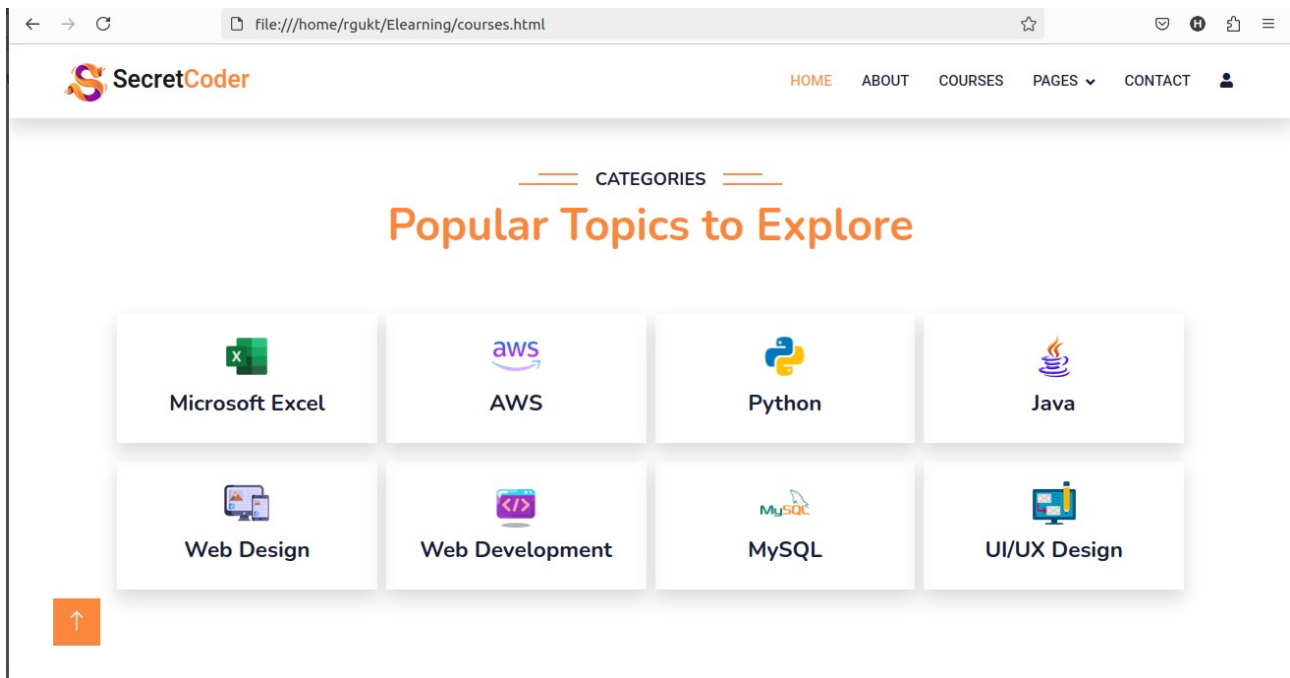
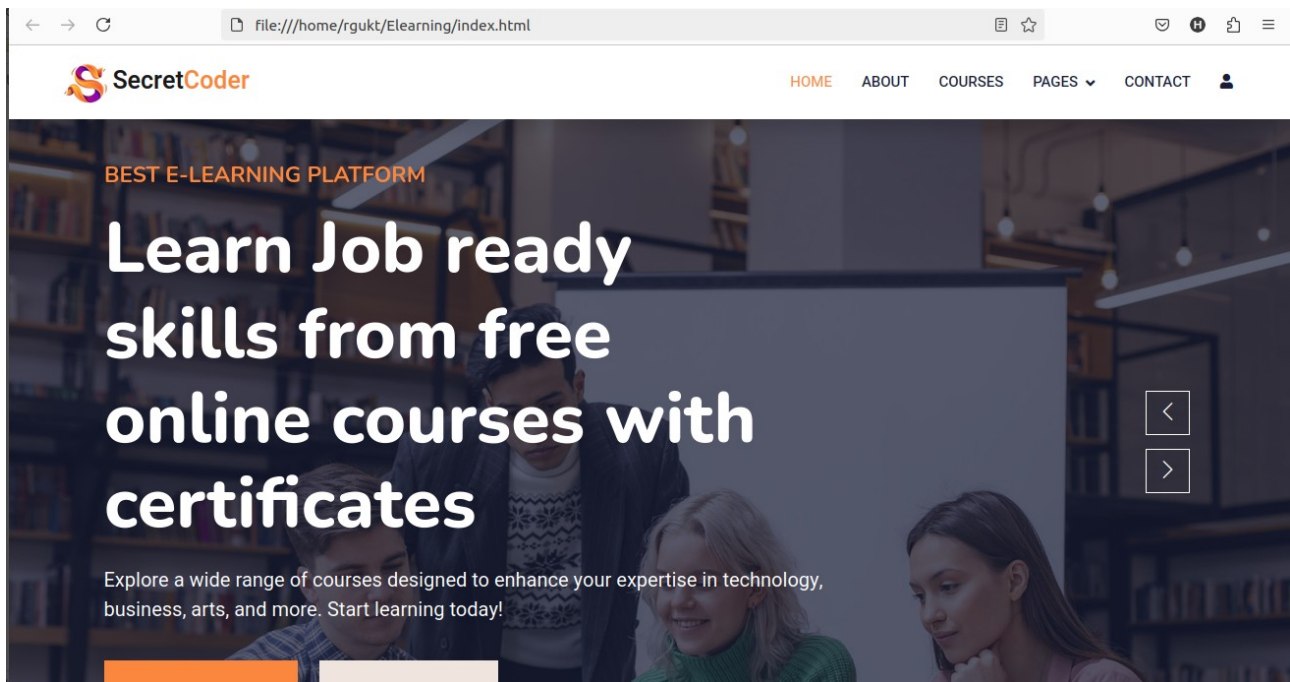
### portfolio



## E-Commerce



## E-Learning



## **6.CONCLUSION**

I am immensely grateful to the Next24tech intern team for providing me with learning experience. Working at Next24tech has been an enriching experience and provided me with a solid foundation. From this internship I learn a lot of things in web development. It was a great opportunity to improve personal and professional skills. It have boosted my professional skills to higher level. Getting an internship at Next24tech showed me the difference between learning in theory and in practice. This journey made me more interested and excited to done the projects.

## 7.REFERENCES

- <https://www.google.com>
- <https://fonts.googleapis.com>
- <https://www.fontawesomeicon.com>
- <https://www.googlefonts.com>
- <https://in.linkedin.com/company/next24tech-technology-services>