ADVANCED ACADEMIC CENTER

A CENTER FOR INTER-DISCIPLINARY RESEARCH

2019-20

TITLE

" **THE PATH FACTORY"**

-A Tech Guide Platform

SUPERVISED BY

P.RISHWANT

GOKARAJU RANGARAJU

INSTITUTE OF ENGINEERING AND TECHNOLOGY

AUTONOMOUS

Advanced Academic Center

(A Center for Inter-Disciplinary Research)

This is to certify that the project titled

"A WEBSITE FOR GUIDANCE"

Is a bonafide work carried out by the following students in partial fulfilment of the requirement for Advanced academic center intern, submitted to the chair, AAC during the academic year 2019-20.

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This work was not submitted or published for any study

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ADVANCED ACADEMIC CENTER
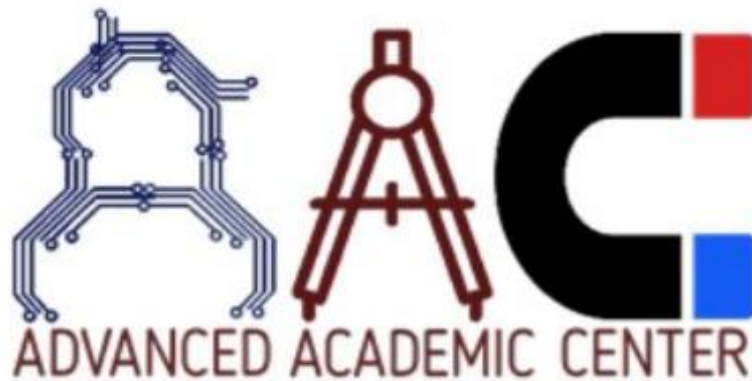
ACKNOWLEDGEMENT

We express our deep sense of gratitude to our respected Director, Gokaraju Rangaraju Institute of Engineering and Technology for the valuable guidance and for permitting us to carry out this project.

With immense pleasure, we record our deep sense of gratitude to our respected principal, for permitting us to carry out this project.

We are thankful to Associate Dean, Advance Academic Centre for providing us appropriate ecosystem required for the project to complete.
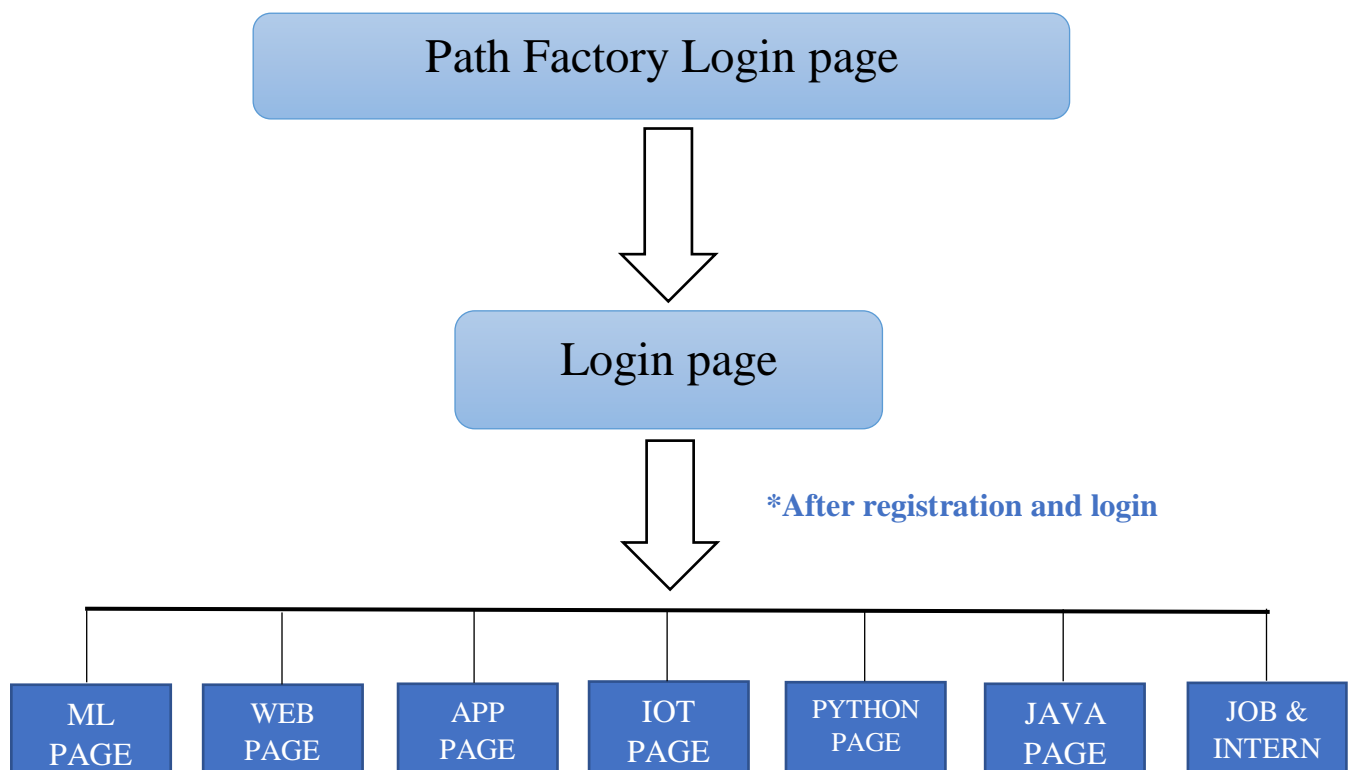
We are thankful to our project supervisor who spares valuable time for us and influence novel ideas to guide us. I am indebted to all the above without whom I would not have concluded the project

"The entire project was keenly supervised and monitored by the mentor by- <u>P.Rishwanth</u>, without which we couldn't succeed in making this project."

Abstract:

The generation we live in now is filled with resources that give a vast and in depth knowledge of whatever you need and to make sure you learn everything that make you complete in that field one required we made a online platform that guides you to the goal you needed with all the resources mentioned and the ways to get most out of the waste in the internet and the utmost priorities of understanding. Introducing you to the **"THE PATH FACTYORY"**. The is site provides you a complete guidance of what you wanted to learn in easiest and shortest way, so that each and every one can learn things from scratch. The site consists with e-books, reference links, digital content that makes learning with better understanding.

PROJECT WORK FLOW:

```
┌─────────────────────────────────────┐
│      Path Factory Login page        │
└─────────────────────────────────────┘
                  │
                  ▼
        ┌───────────────────┐
        │    Login page      │
        └───────────────────┘
                  │        *After registration and login
                  ▼
```

ML PAGE	WEB PAGE	APP PAGE	IOT PAGE	PYTHON PAGE	JAVA PAGE	JOB & INTERN

*People can change pages using provided nav bar & sign out from the home page

The project was based on the main three stages. The main page called as our home page then our logion page and our sub pages that include our various pages to learn from.

We divided our work into three major aspects, where each task is again divided to each of us in the group so that we can manage things well and good and work is done with ease and swift. As the work requires specific knowledge in their own aspects, we learnt the required knowledge form the scratch and earned an appreciable precision.

➢ **BACK-END:**

Sai Chand worked together to build the back-end code of our site using java scripts, firebase,
Node, npm. They maintain our data and collect information.

➢ **FRONT-END:**

Front end is managed but most of us in the group. We made all the pages using Html, CSS, vanilla js, Animate.css, jQuery. The home page is made by Sai Chand, Arfan. The whole login page is made by Sai Chand. Machine Learning, App development, Web development pages are designed and made by Sai Chand. The whole Job & Intern page is made by Nitin. The whole Python & Java pages are done by Abhiram. The whole IOT page is done by Arfan. The whole CSS and Animate.css is designed specially for these pages by Sai Chand.

➢ **CONTENT:**

The content for all these pages is specially written and filtered with the highest details and fine precision that gives the greatest possibility towards learning things with no unnecessary details and no factors that waste a lot of time in finding resources. The content required is well managed by Abhishek.

WHO CAN REACH OUR PAGE

One can visit our site for learning a specific knowledge who is in a turmoil of where to start and how to start, we provide all the Basic information and the sharpest details needed, we here guide people to their goal of getting the profound knowledge that is required through providing the directions to go into and the necessary information that should be learnt. Our page is accessible to everyone who is in need of information. The information can be seen any time when connected to the internet and provided with the login.

HOW OUR SITE WORKS

When someone searches about the information required the search engine used will guide to our home page that give the briefing of our page. Then he will be provided with information needed through a login portal that must be signed in or logged into. Then he gets access to all our pages that guide the person to all the details required that contain Links, e-books, digital videos, and refined content.

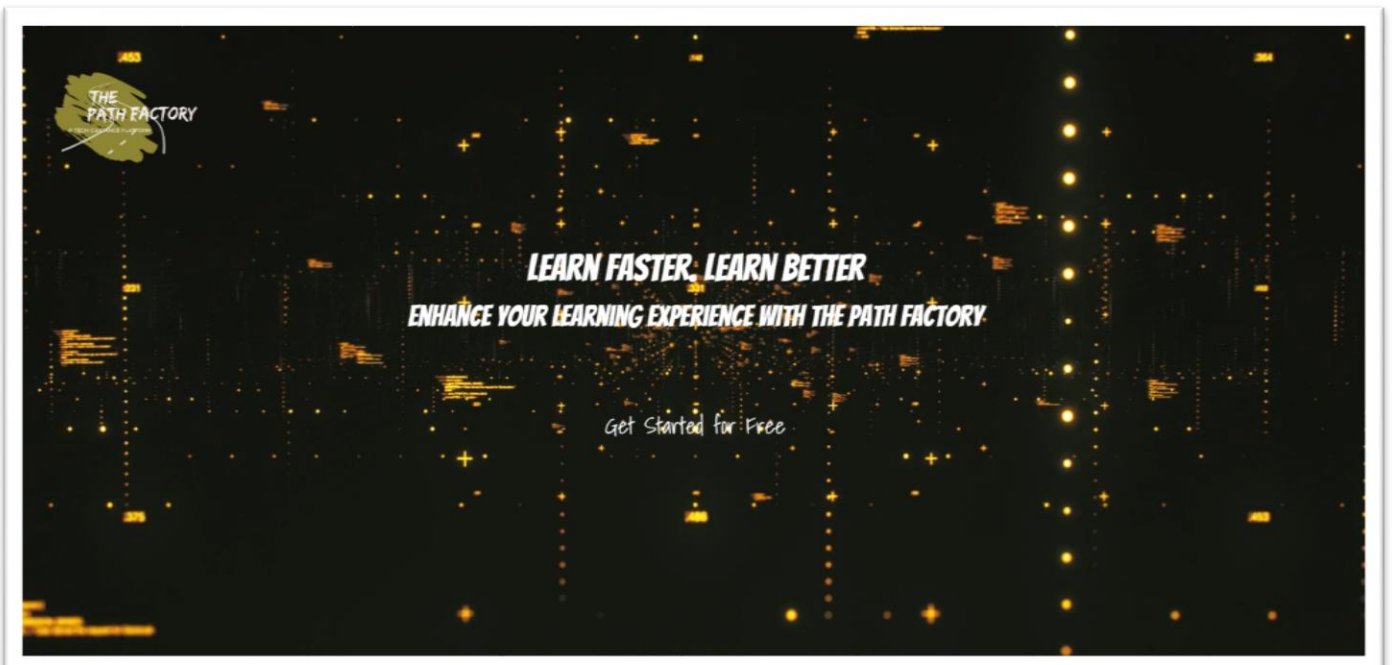To look into our code, one must have prerequisite knowledge about:

- Html
- CSS
- Vanilla js
- Animate.css
- jQuerry
- Firebase
- Node
- Npm

Here is our logo to our site

"THE PATH FACTORY"

The Home Page

amazing guidance platform!

Machine-learning

Surf through Machine-learning.Machine learning is the study of computer algorithms that improve automatically through experience. It is seen as a subset of artificial intelligence

Internet of things

create craziness using IoT

Web devolopment

Web development is the work involved in developing a website for the Internet or an intranet

Java

start learning object oriented java...

App devolopment

know how to build your first app

Python

Know how to get started with python....

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+91 8688898707

pathfactory.org@gmail.com

Designed and Developed by Team AAC 20AAC52

Github repository

About the AAC The epicenter for creative solutions.

Home | About | FAQ

Here is all the code required for the Home page.

```html
<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Path factory</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" href="cssfiles/index.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">
    <link href="https://fonts.googleapis.com/css2?family=Bangers&family=Shadows+Into+Light&display=swap" rel="stylesheet">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"></script>
    <link rel="stylesheet" href="cssfiles/animate.css">
    <style>
        #page2
        {
            color: white;
        }
        .topnav a{
            float:right;
            padding: 14px 16px;
            font-size: 25px;
            text-decoration: none;
        }
        .topnav a:hover{
            font-size: 27px;

            color: blue;

        }
        #navii .topnav a.active {
        background-color: blue;
        border-radius: 20px;
        color: white;
        float: left;
        left:0;
        }
        .topnav .icon {
        display: none;
        }

        @media screen and (max-width: 600px) {
        .topnav a:not(:first-child) {display: none;}
        .topnav a.icon {
            float: right;
            display: block;
        }
        }
        }
```

```css
        @media screen and (max-width: 600px) {
        .topnav.responsive {position: relative;}
        .topnav.responsive .icon {
            position: absolute;
            right: 0;
            top: 0;
        }
        .topnav.responsive a {
            float: none;
            display: block;
            text-align: left;
            background-color: white;
        }
    }
        .banner-btn{
            font-size: 25px;

            font-family: 'Shadows Into Light', cursive;
        }
        .banner-btn:hover{
            font-size: 30px;
        }
      #logo{
            height: 200px;
            width: 200px;
            float: left;
        }

    </style>

</head>
<body>

<section style="height: 100vh;">
<nav class="" id="navii" >
    <div class="topnav" id="myTopnav">
        <img src="./logo.png" id="logo" class="active">
      <!--a href="#home" class="active"></a>-->
      <a></a><a></a>
      <!--<a href="#news">News</a>
      <a href="#contact">Contact</a>
      <a href="#about">About</a>-->
      <!--a href="javascript:void(0);" class="icon" onclick="myFunction()">
        <i class="fa fa-bars"></i>
      </a>-->
    </div>

</nav>
  <video autoplay muted loop id="myVideo">
    <source src="videos/video.mp4" type="video/mp4">
  </video>

  <script>
    function myFunction() {
      var x = document.getElementById("myTopnav");
      if (x.className === "topnav") {
        x.className += " responsive";
      } else {
        x.className = "topnav";
      }
    }
```

```html
  </script>

<div class="banner-inner">
<h1 class="banner-title1">Learn Faster. Learn Better</h1>
<h2 class="banner-title2">Enhance your learning experience with The path factory</h2>
<br/><br/><br/>
<a href="./loginregister/login.html?#login"  class="banner-btn" style="text-
decoration: none; color: #ffffff;">Get Started for Free</a>
</div>

</section>
<div  id="page2">
  <!-- Features Section -->
  <section class="page-section" >
    <div  id="techdiv" >

        <h2 class="section-title font-alt mb-70 mb-sm-40">
            amazing guidance platform!
        </h2>

        <!-- Features Grid -->
        <div class="row multi-columns-row alt-features-grid">

            <!-- Features Item -->
            <div class="col-sm-6 col-md-4 col-lg-4">
                <div class="alt-features-item align-center">
                    <div class="alt-features-icon">
                        <img src="pngs/machine-
learning.png" style="height: 80px; width: 80px;">
                    </div>
                    <h3 class="alt-features-title font-alt">Machine-learning</h3>
                    <div class="alt-features-descr align-left">
                        Surf through Machine-
learning.Machine learning is the study of computer algorithms that improve automatically t
hrough experience. It is seen as a subset of artificial intelligence
                    </div>
                </div>
            </div>
            <!-- End Features Item -->

            <!-- Features Item -->
            <div class="col-sm-6 col-md-4 col-lg-4">
                <div class="alt-features-item align-center">
                    <div class="alt-features-icon">
                        <img   src="./pngs/output-
onlinepngtools (3).png" style="height: 80px; width: 80px;border-radius: 0px;">
                    </div>
                    <h3 class="alt-features-title font-alt">Web devolopment</h3>
                    <div class="alt-features-descr align-left">

                        Web development is the work involved in developing a website for t
he Internet or an intranet
                    </div>
                </div>
            </div>
            <!-- End Features Item -->

            <!-- Features Item -->
            <div class="col-sm-6 col-md-4 col-lg-4">
                <div class="alt-features-item align-center">
                    <div class="alt-features-icon">
                        <img src="pngs/app.png" style="height: 80px; width: 80px;">
```

```html
                        </div>
                        <h3 class="alt-features-title font-alt">App devolopment</h3>
                        <div class="alt-features-descr align-left">
                            know how to build your first app
                        </div>
                    </div>
                </div>
            </div>
            <!-- End Features Item -->

            <!-- Features Item -->
            <div class="col-sm-6 col-md-4 col-lg-4">
                <div class="alt-features-item align-center">
                    <div class="alt-features-icon">
                        <img src="pngs/iot.png" style="height: 80px; width: 80px;">
                    </div>
                    <h3 class="alt-features-title font-alt">Internet of things</h3>
                    <div class="alt-features-descr align-left">
                        create craziness using IoT
                    </div>
                </div>
            </div>
            <!-- End Features Item -->

            <!-- Features Item -->
            <div class="col-sm-6 col-md-4 col-lg-4">
                <div class="alt-features-item align-center">
                    <div class="alt-features-icon">
                        <img src="./pngs/java.png" style="height: 80px; width: 80px;">
                    </div>
                    <h3 class="alt-features-title font-alt">Java</h3>
                    <div class="alt-features-descr align-left">
                        start learning object oriented java...
                    </div>
                </div>
            </div>
            <!-- End Features Item -->

            <!-- Features Item -->
            <div class="col-sm-6 col-md-4 col-lg-4">
                <div class="alt-features-item align-center">
                    <div class="alt-features-icon">
                        <img src="./pngs/kisspng-python-programming-language-computer-
programming-language-
5acfdc365292a6.6915108915235717663382.png" style="height: 80px; width: 80px;">
                    </div>
                    <h3 class="alt-features-title font-alt">Python</h3>
                    <div class="alt-features-descr align-left">
                        Know how to get started with python....
                    </div>
                </div>
            </div>
            <!-- End Features Item -->

        </div>
        <!-- End Features Grid -->


    </div>
</section>
<!-- End Features Section -->

<!--FOOTER--->
<footer class="footer-distributed" id="foot">
```

```html
    <div class="footer-left" >
        <img src="./logo.png"  id="footimg">


        <p class="footer-company-name">© 2020 The Path Factory.</p>
    </div>

    <div class="footer-center">
        <div>
            <a href="https://www.google.com/maps/dir//advanced+academic+center+griet/data=
!4m6!4m5!1m1!4e2!1m2!1m1!1s0x3bcb8d42d6f1f7ff:0xf9e2e5aa8a14a917?sa=X&ved=2ahUKEwjfw8_6xLb
jAhUZiHAKHV7AAC0Q9RcwC3oECA0QDA"><i class="fa fa-map-marker"></i></a>
            <p> <span>Room no.3614, Block 3, GRIET, Bachupally, </span>
                Kukatpally, Hyderabad- 500090</p>
        </div>

        <div>
            <i class="fa fa-phone"></i>
            <p>+91 8688898707</p>
        </div>
        <div>
            <i class="fa fa-envelope"></i>
            <p><a href="mailto:pathfactory.org@gmail.com" style="color: #fff;">pathfactory
.org@gmail.com</a></p>
        </div>
    </div>
    <br>
    <p>Designed and Developed by Team AAC 20AAC52</p>
    <a href="https://github.com/saichand84/pathfactory" target="_blank"><i class="fa fa-
github"></i> Github repository</a>
    <br><br>
    <div class="footer-right">
        <p class="footer-company-about" style="color: #fff">
            <span>About the AAC</span>
            The epicenter for creative solutions.</p>

            <p class="footer-links">
            <a href="http://aacgriet.com" target="_blank">Home</a>
            |
            <a href="http://aacgriet.com/aac_about.html" target="_blank">About</a>
            |
            <a href="http://aacgriet.com/faq.html" target="_blank">FAQ</a>
        </p>
        <div class="footer-icons">
            <a href="https://www.linkedin.com/company/aac-
griet" target="_blank"><i class="fa fa-linkedin"></i></a>

            <a href="https://instagram.com/aac_grietofficial?igshid=ijzbi8c7jl27" target="
_blank"><i class="fa fa-instagram"></i></a>
            <a href="https://www.youtube.com/channel/UCqpWtDtDLxBLy8yJZO_-
eBw" target="_blank"><i class="fa fa-youtube"></i></a>
        </div>
        <br>


    </div>
</footer>
</body>
</html>
```

THE CSS FOR THIS PAGE

```css
#navii{

    font-size: 17px;
    text-align: center;
    padding: 14px 16px;
    border-width: 0px;
    -webkit-box-shadow: 0px 0px;
    box-shadow: 0px 0px;
    background-color: rgba(0,0,0,0.0);
    background-image: -webkit-gradient(linear, 50.00% 0.00%, 50.00% 100.00%, color-
stop( 0% , rgba(0,0,0,0.00)),color-stop( 100% , rgba(0,0,0,0.00)));
    background-image: -webkit-linear-
gradient(270deg,rgba(0,0,0,0.00) 0%,rgba(0,0,0,0.00) 100%);
    background-image: linear-gradient(180deg,rgba(0,0,0,0.00) 0%,rgba(0,0,0,0.00) 100%);
}

#myVideo {
    position: fixed;
    top: 50%;
    left: 50%;
    min-width: 100%;
    min-height: 100%;
    width: auto;
    height: auto;
    z-index: -100;
    transform: translate(-50%, -50%);
}

.page-section{
    width: 100%;
    margin-left: 0px;
    margin-right: 0px;
    height: 100vh;
    padding: 30px 30px ;
    color: #ffffff;
    background-color: rgba(0,0,0,0.0);

}

.banner-inner{
    position: absolute;
    z-index: 2;
    width: 100%;
    left: 0;
    padding: 0 30px;
    box-sizing: border-box;
    top: 50%;
    color: #ffffff;
    text-align: center;
    margin-top: -110px;
    font-family: 'Bangers', cursive;
}
.footer-distributed {
    background-color:#333;

    box-sizing: border-box;
    width: 100%;
    text-align: -webkit-center;
    font: bold 16px sans-serif;
```

```css
        padding: 50px 50px 60px 50px;
        margin-top: 0px;
}
img {
        border-radius: 40px;
}

footer{

        bottom: 0;
}
#foot{
        color: white;
}
@media (max-height:800px){
        footer { position: static;

        }
        .footer-distributed{
                text-align: -webkit-center;
        }
}
@media screen and (max-width:580px){
        .page-section{
                height:150vh;
        }

}
@media screen and (max-width:330px){
        .page-section{
                height:200vh;
        }
}
@media screen and (max-width:700px){
        #footimg{
                width: 50%;
                height: auto;
        }
        iframe{
                width: 80%;
        }

}
@media screen and (min-width:700px){
        #footimg{
                width: auto;
                height: 80vh;
        }

}
```

Then the person is redirected to a login page

Login Page

The codes for the login page

```html
<!DOCTYPE html>
<html>
<head>
  <title>Login</title>

  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <script src="https://www.gstatic.com/firebasejs/7.13.2/firebase-app.js"></script>
  <script src="https://www.gstatic.com/firebasejs/7.13.2/firebase-auth.js"></script>
  <script src="form.js"></script>
  <link rel="stylesheet" href="../cssfiles/index.css">
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">
  <style type="text/css">
    .nav-link
```
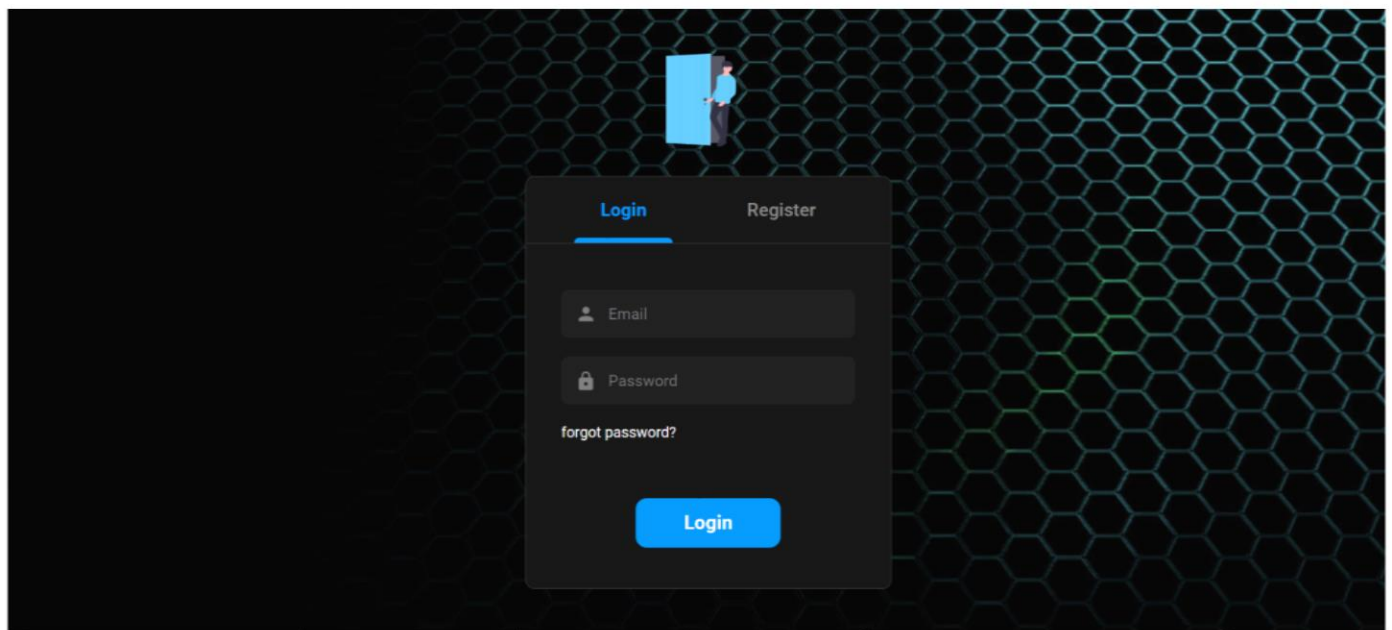


```css
    {
      float: right;
    }
    #navel{
      color: white;
    }

    .nai
    {
      align-content: center;
    }
    .nav-item dropdown
    {
      flex-direction:
    }
    .loginbox{
      width: 320px;
```

```css
      height: 450px;
      background: rgba(255, 255, 255, 0.8);
      color: black;
      top: 50%;
      left: 50%;
      position: absolute;
      transform: translate(-50%,-50%);
      box-sizing: border-box;
      padding: 10px 30px;
    }
    .avatar{
      width: 100px;
      height: 100px;
      border-radius: 50%;
      top: -50px;
      left:50px;

    }
    h1{
       margin: 0;
       padding: 0 0 20px;
       text-align: center;
       font-size: 22px;
       font-family: Impact, Haettenschweiler, 'Arial Narrow Bold', sans-serif;
       top: 10%;

    }
    .loginbox p{
       margin: 0;
       padding: 0;
       font-weight: bold;
    }
    .loginbox input{
       width: 100%;
       margin-bottom: 20px;
    }
    .loginbox input[type="text"], input[type="password"]
    {
       border: none;
       border-bottom: 2px solid;
       background: transparent;
       outline: none;
       height: 40px;
       font-size:18px;
    }
    .loginbox input[type="submit"]
    {
       border: none;
       outline: none;
       height: 40px;
       background: blue;
       color:cornsilk;
       font-size: 18px;
       border-radius: 20px;
    }
  </style>
</head>
<body>
<header class="nai"    style="position: fixed; color: #00ffff; top: 0; width: 100%" >
<nav class="navbar navbar-expand-lg  navbar-light " style="background-color: rgba(0,0, 0, 0)">
  <a class="navbar-brand" href="#">BLOG</a>
```

```html
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
      <ul class="navbar-nav ml-auto" id="navel">
        <li class="nav-item active">
          <a class="nav-link" href="main.html">Home <span class="sr-only">(current)</span></a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Login</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">About us</a>
        </li>

      </ul>
    </div>
</nav>
</header>
<video autoplay muted loop  id="myVideo">
  <source src="videos/loginbg.mp4" type="video/mp4">
</video>

<br>
<br>
<div class="loginbox">
  <img src="pngs/account.png" class="avatar"/>
  <h1 style="float: right; margin-right: 40px; margin-top: 30px; font-size: 40px;">Login</h1>
  <form>
    <p>username</p>
    <input type="text" name="" placeholder="enter username" id="email">
    <p>password</p>
    <input type="password" name="" placeholder="enter password" id="password">
    <button type="submit" onclick="signIn()" id="signIn" >login</button><br>
    <a href="#">forgot password !</a><br>
    <a >Don't have an account?<button onclick="signUp();" id="signUp">signup</button> </a>
  </form>

</div>


</body>
</html>
```

THE LOGIN PAGE BACK-END CODE:

```javascript
 // Your web app's Firebase configuration
  var firebaseConfig = {
    apiKey: "AIzaSyD9ExOIpRu4UiVZ8d2faaE9H8PvEHwhYOU",
    authDomain: "form-28fc2.firebaseapp.com",
    databaseURL: "https://form-28fc2.firebaseio.com",
    projectId: "form-28fc2",
    storageBucket: "form-28fc2.appspot.com",
    messagingSenderId: "459016781118",
    appId: "1:459016781118:web:b8caced12967c9b3bd406f"
```

```
    };
    // Initialize Firebase
    firebase.initializeApp(firebaseConfig);

    const auth = firebase.auth();


    function signUp(){

        var email = document.getElementById("email");
        var password = document.getElementById("password");

        const promise = auth.createUserWithEmailAndPassword(email.value, password.value);
        promise.catch(e => alert(e.message));

        alert("Signed Up");
    }

    function signIn(){

      var email = document.getElementById("email");
      var password = document.getElementById("password");

      const promise = auth.signInWithEmailAndPassword(email.value, password.value);
      promise.catch(e => alert(e.message));

      alert("logged in");
}



auth.onAuthStateChanged(function(user){

    if(user){

        var email = user.email;
        alert("Active User " + email);

        window.location='ml.html'//Take user to a different or home page

        //is signed in

    }


});
```

The addition code to make page look better are mentioned below with their codes

CSS:

```
* {
    box-sizing: border-box;
    margin: 0;
    padding: 0;
    text-decoration: none;
```

```css
    font-family: "Roboto";
    outline: none;
    border: none;
}

html, body {
    height: 100%;
    background: #0A0A0A;


}
.bg{

    background-image: url(../img/hexagon___wallpaper_by_cielaq1337-d4mzzik.jpg);
    /* Full height */
    height: 100%;

    /* Center and scale the image nicely */
    background-position: center;
    background-repeat: no-repeat;
    background-size: cover;
    height: 100%;
    display: flex;
    align-items: center;
    justify-content: center;
    flex-direction: column;
    padding-bottom: 8px;
  }




.logo {
    width: 380px;
    align-items: center;
    height: 100px;

}

.card {
    margin-top: 28px;
    height: 100%;
    max-height: 446px;
    width: 396px;
    background: #121212;
    border: 1px solid #373737;
    border-radius: 10px;
    overflow: hidden;
    transition: max-height 0.2s;
}

.extend {
    max-height: 480px;
}

.head {
    width: 100%;
    display: flex;
    height: 72px;
    border-bottom: 1px solid #373737;
    justify-content: space-between;
}
```

```css
.head a {
    height: 100%;
    padding: 0 28px;
    display: flex;
    align-items: center;
    justify-content: center;
    color: rgb(140,140,140);
    font-size: 20px;
    font-weight: 500;
}

.head .selected {
    position: relative;
    color:

    #0099ff;
    font-weight: 700;
}

.head .selected:after {
    position: absolute;
    content: "";
    bottom: 0;
    left: 0;
    height: 5px;
    width: 100%;
    background:

    #0099ff;
    border-radius: 99px 99px 0 0;
}

.tabs {
    height: calc(100% - 72px);
    display: flex;
}

form {
    width: 100%;
    height: 100%;
    flex-shrink: 0;
    padding: 44px 38px;
    display: flex;
    flex-direction: column;
    justify-content: space-between;
    align-items: center;
    position: relative;
    right: 0;
    transition: right 0.2s;
}

.extend form {
    right: 100%;
}

.inputs {
    width: 100%;
    padding-top: 6px;
}

.input {
```

```css
    position: relative;
    margin-bottom: 20px;
    width: 100%;
    display: flex;
    align-items: center;
}

.input input {
    width: 100%;
    font-size: 17px;
    background: #1C1C1C;
    border-radius: 8px;
    padding: 16px 18px 16px 51px;
    color: rgb(220,220,220);
}

.input img {
    width: 16px;
    position: absolute;
    left: 19px;
}

.checkbox {
    height: 40px;
    display: flex;
    align-items: center;
    position: relative;
    cursor: pointer;
}

.checkbox input {
    position: absolute;
    opacity: 0;
    height: 0;
    width: 0;
}

.checkbox span {
    display: flex;
    align-items: center;
    color: rgb(110,110,110);
    font-size: 16px;
    user-select: none;
}

.checkbox span:before {
    content: "";
    width: 22px;
    height: 22px;
    border-radius: 6px;
    margin-right: 16px;
    background-color: #1C1C1C;
}

.checkbox:hover input ~ span:before {
    background-color: rgb(50,50,50);
}

.checkbox input:checked ~ span:before {
    background-image: url(../img/checked.png);
    background-size: cover;
}
```

```css
.card button {
    display: block;
    background:#0099ff;
    padding: 14px 52px;
    border-radius: 12px;
    color: #fff;
    font-weight: 700;
    font-size: 21px;
    cursor: pointer;
}
@media screen and (max-width:600px){
    #align{
    width: 100%;


    }
    .bg{
        width: 100%;
        min-width: 400px;
    }
  }
```

Js:

```js
//<!-
- TODO: Add SDKs for Firebase products that you want to usehttps://firebase.google.com/doc
s/web/setup#available-librarie // Your web app's Firebase configuration

    // Your web app's Firebase configuration
    var firebaseConfig = {
        apiKey: "AIzaSyCAuXo2aeZF-hIQqBPUwXIUtz7-6YEiUjg",
        authDomain: "pathfactory.firebaseapp.com",
        databaseURL: "https://pathfactory.firebaseio.com",
        projectId: "pathfactory",
        storageBucket: "pathfactory.appspot.com",
        messagingSenderId: "638386080604",
        appId: "1:638386080604:web:67437a1315fe3e5e0d0f99"
    };
  // Initialize Firebase
  firebase.initializeApp(firebaseConfig);
   const auth = firebase.auth();
    function signUp(){

        var email = document.getElementById("emailr");
        var password = document.getElementById("passwordr");

        const promise = auth.createUserWithEmailAndPassword(email.value, password.value);
        promise.catch(e => alert(e.message));

        alert("Signed Up");
    }
    function signIn(){

        var email = document.getElementById("email");
        var password = document.getElementById("password");

        const promise = auth.signInWithEmailAndPassword(email.value, password.value);
        promise.then(() => {
            window.location = "../radial-pie-circle-menu/menuRond.html";
```

```
        })
        promise.catch(e => alert(e.message));
    }
    auth.onAuthStateChanged(function(user){

        if(user){
            var email = user.email;
            //var password = user.password;
            var m =confirm("Active User " + email);
            //window.location = "../radial-pie-circle-menu/menuRond.html";
            //Take user to a different or home page

            //is signed in
        }else{
            this.setState({
                user: null
            });
            //no user is signed in
        }
    });

    function signOut(){

        firebase.auth().signOut().then(function() {
            var user = firebase.auth().currentUser;
            user = null;

            window.location = "../index.html";
            alert("signed out!")// Sign-out successful.
        }).catch(function(error) {
            // An error happened.
        });
    }
    function reset(){
        var x = prompt("Enter email to get password reset link");

        var auth = firebase.auth();
        var emailAddress = x;

        auth.sendPasswordResetEmail(emailAddress).then(function() {
        alert('Link sent to your email address')// Email sent.
        }).catch(function(error) {
        // An error happened.
        });

    }
```

Index Js:

```
$(window).on("hashchange", function(){

    if(location.hash.slice(1)=="register"){
        $(".card").addClass("extend");
        $("#login").removeClass("selected");
        $("#register").addClass("selected");
    } else {
        $(".card").removeClass("extend");
        $("#login").addClass("selected");
        $("#register").removeClass("selected");
    }
```

```
});
$(window).trigger("hashchange");
```

Here in the login page various function are used to give the user friendly accessibility to the content viewers. All the code here is built on the bases of Firebase.

Here both sign up and sign in are used so that new users and already existing users can use via their authenticated E-mails and they are always protected with their password and they can be changed when ever required by the user by fulfilling the proposed formalities.

When ever someone opens our he/she will be going through this page after the home page then the person will be able to access the content. The login is must and it should be done to access information.

THE MENU PAGE

This page consists of a wheel menu that reacts to the mouse when ever the mouse is brought into the area of the wheel the wheel stops rotating so that you can select an option to proceed.

The Code for the above page

```html
<!doctype html>
<html>
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
        <title>PathFactory-Home</title>
        <script src="https://www.gstatic.com/firebasejs/7.14.4/firebase-auth.js"></script>
        <script src="https://www.gstatic.com/firebasejs/7.14.4/firebase-app.js"></script>
        <script src="../loginregister/js/form.js"></script>
        <link href="https://www.jqueryscript.net/css/jquerysctipttop.css" rel="stylesheet"
 type="text/css">
        <link href='https://fonts.googleapis.com/css?family=Quicksand' rel='stylesheet' ty
pe='text/css'>
        <link href="style.css" type="text/css" rel="stylesheet">
        <link href="../cssfiles/nav.css" type="text/css" rel="stylesheet">
        <link href="resp.css" type="text/css" rel="stylesheet">
        <link href="https://fonts.googleapis.com/css2?family=Pacifico&display=swap" rel="s
tylesheet">
        <link href="https://fonts.googleapis.com/css2?family=Baloo+Bhai+2:wght@600&family=
Girassol&family=Pacifico&display=swap" rel="stylesheet">
```

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


        <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous">
</script>
    </header>
    <body>
        <script>
            // toggle between hiding and showing the dropdown content */
          function myFunction() {
            document.getElementById("myDropdown").classList.toggle("show");
          }

          // Close the dropdown menu if the user clicks outside of it
          window.onclick = function(event) {
            if (!event.target.matches('.dropbtn')) {
              var dropdowns = document.getElementsByClassName("dropdown-content");
              var i;
              for (i = 0; i < dropdowns.length; i++) {
                var openDropdown = dropdowns[i];
                if (openDropdown.classList.contains('show')) {
                  openDropdown.classList.remove('show');
                }
              }
            }
          }

        </script>
        <div id="navi" >
            <nav style="padding: 10px 10px ; " >

                <a class="navbar-brand" href="#">HOME</a>

                <div class="dropdown" style="float: right;" >
                  <button onclick="myFunction()" class="dropbtn">Categories<i class="fa fa
-caret-down"></i></button>
                    <div id="myDropdown" class="dropdown-content">
                      <a href="../html/ml.html">machine learning</a>
                      <a href="../html/web.html">Web development</a>
                      <a href="../html/app.html">App development</a>
                      <a href="#">IOT</a>
                      <a href="#">Python</a>
                      <a href="#">Java</a>
                      <a href="../html/higher.html">Job and internship</a>
                    </div>
                    <button id="sign-out" style="color: rgb(235, 98, 6); background-
color: rgba(0, 0,0,0.0);"  onclick="signOut();" >sign out</button>
                </div>
            </nav>
        </div>
<div class="bg-image"></div>
```

```html
        <div class="menumain">
            <div class ='hidden' id="menu1"> <!-- Menu content, hidden by default -->
                <h1>Macine Learning</h1>

            </div>
            <div class ='hidden' id="menu2">
                <h1>Web development</h1>

            </div>
            <div class ='hidden' id="menu3">
                <h1>App development</h1>

            </div>
            <div class ='hidden' id="menu4">
                <h1>Internet of Things</h1>

            </div>
            <div class ='hidden' id="menu5">
                <h1>Python</h1>

            </div>
            <div class ='hidden' id="menu6">
                <h1>Java</h1>

            </div>
            <div class ='hidden' id="menu7">
                <h1>Job and internships</h1>

            </div>
            <div class ='visible' id="menu8">
                <h1>The<br/>PathFactory</h1>
                <p class="menudesc">A tech guidance platform.</p>
            </div>
            <nav class="menunav" >
                <div class="sai">
                    <ul class='circle' >
                        <li class='coconut light slice' > <!-- Menu labels -->
                            <a href="../html/ml.html"><label for='ococonut' class='circle
over' id="1" >Ml</label></a>
                        </li>
                        <li class='vanilla light slice'>
                            <a href="../html/web.html"><label for='ovanilla' class='circle
 over' id="2">Web</label></a>
                        </li>
                        <li class='orange light slice'>
                            <a href="../html/app.html"><label for='oorange' class='circle
over' id="3">App</label></a>
                        </li>
                        <li class='almond light slice'>
                            <a href="">
                                <label for='oalmond' class='circle over' id="4">IOT </labe
l></a> <!-- Some menu labels have to be flipped with a span -->
                        </li>
                        <li class='grape light slice'>
```

```html
                              <a href=""><label for='ogrape' class='circle over' id="5" >Pyt
hon</label></a>
                          </li>
                          <li class='blackberry dark slice'>
                              <a href=""> <label for='oblackberry' class='circle over' id="6
" >Java</label></a>
                          </li>
                          <li class='cherry dark slice'>
                              <a href="../html/higher.html"><label for='ocherry' class='circ
le over' id ="7" >J & I</label></a>
                          </li>
                          <li class='unsel circle'>
                              <label for='unsel' class="clicky menuname" style="background:
#c31432;

                              background: -webkit-linear-
gradient(to right, #240b36, #c31432);
                              background: linear-
gradient(to right, #240b36, #c31432); " >Path factory</label>
                          </li>
                          <li class='middle circle'></li>
                      </ul>
                  </div>
              </nav>
          </div>
              <!--fire-->
              <script src="https://www.gstatic.com/firebasejs/7.14.4/firebase-
auth.js"></script>
              <script src="https://www.gstatic.com/firebasejs/7.14.4/firebase-
app.js"></script>
  <script src="https://www.gstatic.com/firebasejs/live/3.0/firebase.js"></script>
  <script>
    // Visit https://console.firebase.google.com/project/<your project id>/overview and cl
ick on "Add Firebase to your web app"
    var config = {
        apiKey: "AIzaSyD9ExOIpRu4UiVZ8d2faaE9H8PvEHwhYOU",
        authDomain: "form-28fc2.firebaseapp.com",
        databaseURL: "https://form-28fc2.firebaseio.com",
        projectId: "form-28fc2",
        storageBucket: "form-28fc2.appspot.com",
        messagingSenderId: "459016781118",
        appId: "1:459016781118:web:a1d912df0b74a161bd406f"
    };
    firebase.initializeApp(config);
  </script>
  <script>
          document.querySelector('#sign-out').addEventListener('click', function(e) {
          e.preventDefault();
          e.stopPropagation();
          firebase.auth().signOut();
    });
  </script>
      </body>
      <script type="text/javascript">
```

```
  var _gaq = _gaq || [];
  _gaq.push(['_setAccount', 'UA-36251023-1']);
  _gaq.push(['_setDomainName', 'jqueryscript.net']);
  _gaq.push(['_trackPageview']);

  (function() {
    var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = tru
e;
    ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') + '.g
oogle-analytics.com/ga.js';
    var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s);
  })();

</script>
</html>
```

React Js:

```
@media screen and (max-width:800px){
        .visible{
            display: none;
        }
        .menunav{
            left: 0vw;
            width: 100vw;
            position: absolute;
            margin: auto;
            top: calc(50vh - 50vw);
            animation: rotate 60s infinite linear;
        }
}
```

Styling:

```
html { font: 100%/1.3 'Quicksand',Century Gothic, Verdana, sans-
serif;background: #23074d;  /* fallback for old browsers */
  background: -webkit-linear-gradient(to right, #cc5333, #23074d);  /* Chrome 10-
25, Safari 5.1-6 */
  background: linear-
gradient(to right, #cc5333, #23074d); /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera
 12+, Safari 7+ */
    }
body { overflow: hidden; min-width: 20em;background-
image: url(../../images/plpg.jpg)    ; }
.circle, .circle:before, .circle:after { border-radius: 50%; }
.menunav {
  position: absolute;
  display: block;
  left: 20%;
  margin: 75px auto;
```

```css
  min-width: 10em; width: 50%; max-width: 30em;
}
.menunav ul {
  position: relative;
  padding: 50%;
  max-width: 0; max-height: 0;
  list-style: none;
}
.menunav li {
  position: absolute;
}
.slice {
  overflow: hidden;
  position: absolute;
  top: 0; left: 0;
  width: 50%; height: 50%;
  transform-origin: 100% 100%;
}
/* Cell orientation */
.coconut { transform: rotate(13deg) skewX(40deg); }
.vanilla { transform: rotate(64.43deg) skewX(40deg); }
.orange { transform: rotate(115.86deg) skewX(40deg); }
.almond { transform: rotate(167.29deg) skewX(40deg); }
.grape { transform: rotate(218.71deg) skewX(40deg); }
.blackberry { transform: rotate(270.14deg) skewX(40deg); }
.cherry { transform: rotate(321.57deg) skewX(40deg); }
.menunav label { cursor: pointer; }
.slice label {
  display: block;
  width: 200%; height: 200%;
  transform: skew(-40deg) rotate(-65deg);
  line-height: 1.9;
  text-align: center;
}
.slice label span {
  display: block;
}
.slice label:hover {
  color: white;
  border: 2px solid silver;
  transition: all 0.5s ease;
}
.circle .menuname:hover {
  color: white;
  transition: color 0.5s ease;
}

.menudesc {
  width: 280px;
}

/* Cell background colors */
.coconut label, .ococonut:checked ~ nav .unsel { background: #00467F;  /* fallback for old
 browsers */
```

```css
  background: -webkit-linear-gradient(to right, #A5CC82, #00467F);  /* Chrome 10-25, Safari 5.1-6 */
  background: linear-gradient(to right, #A5CC82, #00467F); /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */
    }
.vanilla label, .ovanilla:checked ~ nav .unsel {background: #16A085;  /* fallback for old browsers */
  background: -webkit-linear-gradient(to right, #F4D03F, #16A085);  /* Chrome 10-25, Safari 5.1-6 */
  background: linear-gradient(to right, #F4D03F, #16A085); /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */
    }
.orange label, .oorange:checked ~ nav .unsel { background: #e53935;  /* fallback for old b rowsers */
  background: -webkit-linear-gradient(to right, #e35d5b, #e53935);  /* Chrome 10-25, Safari 5.1-6 */
  background: linear-gradient(to right, #e35d5b, #e53935); /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */
    }
.almond label, .oalmond:checked ~ nav .unsel { background: #2C3E50;  /* fallback for old b rowsers */
  background: -webkit-linear-gradient(to right, #FD746C, #2C3E50);  /* Chrome 10-25, Safari 5.1-6 */
  background: linear-gradient(to right, #FD746C, #2C3E50); /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */
    }
.grape label, .ogrape:checked ~ nav .unsel {background: #093028;  /* fallback for old brow sers */
  background: -webkit-linear-gradient(to right, #237A57, #093028);  /* Chrome 10-25, Safari 5.1-6 */
  background: linear-gradient(to right, #237A57, #093028); /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */
    }
.blackberry label, .oblackberry:checked ~ nav .unsel { background: #3494E6;  /* fallback f or old browsers */
  background: -webkit-linear-gradient(to right, #EC6EAD, #3494E6);  /* Chrome 10-25, Safari 5.1-6 */
  background: linear-gradient(to right, #EC6EAD, #3494E6); /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */
    }
.cherry label, .ocherry:checked ~ nav .unsel { background: #8E0E00;  /* fallback for old b rowsers */
  background: -webkit-linear-gradient(to right, #1F1C18, #8E0E00);  /* Chrome 10-25, Safari 5.1-6 */
  background: linear-gradient(to right, #1F1C18, #8E0E00); /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */
    }
```

```css
.slice label { font-weight: 700; line-height: 5; }
.circle label { font-weight: 700; line-height: 5; }

.slice p{
  width: 100px;
  margin-left: 185px;
}
.unsel {
  z-index: 2;
  top: 34%; left: 34%;
  width: 32%; height: 32%;
  text-align: center;
  background-color: wheat;
}
.unsel label{
  display: block;
  width: 100%; height: 100%;
  line-height: 9;
  border-radius: 50%;
}
.middle{
  z-index: 1;
  top: 15%; left: 15%;
  width: 70%; height: 70%;
  text-align: center;
  background: #c31432;  /* fallback for old browsers */
  background: -webkit-linear-gradient(to right, #c31432,#240b36 );  /* Chrome 10-
25, Safari 5.1-6 */
  background: linear-
gradient(to right, #240b36, #c31432); /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera
 12+, Safari 7+ */
  ;
}
.menunav{
  position: absolute;
  left: 50%;
}
.visible{
    display: block;
    position: absolute;
    margin: 250px 0 0 50px;
}
.hidden{
  display: none;
}
.visible ul{
  list-style-type: none;
}
.visible details ul{
  list-style-type: square;
}
.visible a{
```

```css
  font-size: 120%;
  text-decoration: none;
  color: purple;
}
.Reseau a{
  font-size: 160%;
}
.Reseau a:hover{
  color: red;
}
.circle label span{
  -webkit-transform:rotate(-180deg);
  -moz-transform:rotate(-180deg);
  -o-transform:rotate(-180deg);
  transform:rotate(-180deg);
}
.sai{
  animation-name: spin;
  animation-duration: 5000ms;
  animation-iteration-count: infinite;
  animation-timing-function: linear;
}
@keyframes spin {
  from {
      transform:rotate(0deg);
  }
  to {
      transform:rotate(360deg);
  }
}
.sai:hover {
  animation-play-state: paused;
}

.bg-image {
  /* The image used */
  background-image: url("photographer.jpg");

  /* Add the blur effect */
  filter: blur(8px);
  -webkit-filter: blur(8px);

  /* Full height */
  height: 100%;

  /* Center and scale the image nicely */
  background-position: center;
  background-repeat: no-repeat;
  background-size: cover;
}
*{


  color:white;
```

```
}


```

JAVA script:

```javascript
$(document).ready(function() {
    var previous = document.getElementById("menu8"); //The last opened menu, "menu8" by de
fault since it is opened on page load
    var original = "menu"; //Concatenate this with the element id
    var toOpen = ""; //Store the concatenated value
    var over; //Boolean: is the move over the element or not?

    var delay = function (elem, callback) { //Delay the execution of the "callback" argume
nt on the "elem" argument
        var timeout = null; //Store the timer
        timeout = setTimeout(function() { //Set a timer
            if(over) { //If the mouse is still over the element, do:
                callback(elem); //Call the function that was passed as an argument
            }
        }, 150); //Time in milliseconds before the timer triggers

        $(elem).mouseout(function() { //If the mouse leaves the element, do:
            over = false; //Set the boolean to false
            clearTimeout(timeout); //Clear the timer
        });
    };

    $(".over").mouseenter(function(event) { //When the mouse enters one of the menu's elem
ents, do:
        over = true; //Set the boolean to true
        delay(document.getElementById(event.target.id), function(context) { //Call the tim
er function
            toOpen = document.getElementById(original.concat(context.id)); //When the time
r is done, get the menu to open
            openMenu(toOpen); //Open it
            previous = toOpen; //Set it as the "previous" menu for the next instance of th
is function
        });
    });

    $(".clicky").click(function() {
        openMenu(document.getElementById("menu8"));
        previous = document.getElementById("menu8");
    });

    function openMenu(context) { //Open the specified menu
        closeMenu(previous);
        $(context).toggleClass("visible"); //Toggle the visibility of the element
        $(context).toggleClass("hidden");
    }

    function closeMenu(context) { //Close the specified menu
        $(context).toggleClass("visible"); //Toggle the visibility of the element
```

```
        $(context).toggleClass("hidden");
    }
});
```

NOW YOU GET OPTION TO OPEN ANY OF THE CONTENT SHOWN:

<u>Machine Learning</u>

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Machine learning</title>
    <link rel="stylesheet" href="../cssfiles/blog.css">
    <link rel="stylesheet" href="../cssfiles/nav.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/boots
trap.min.css">
    <link href="https://fonts.googleapis.com/css2?family=Pacifico&display=swap" rel="style
sheet">
    <link href="https://fonts.googleapis.com/css2?family=Baloo+Bhai+2:wght@600&family=Gira
ssol&family=Pacifico&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="../cssfiles/index.css">
</head>
<body  id="body">
  <script>
    // toggle between hiding and showing the dropdown content */
    function myFunction() {
      document.getElementById("myDropdown").classList.toggle("show");
    }

    // Close the dropdown menu if the user clicks outside of it
    window.onclick = function (event) {
      if (!event.target.matches('.dropbtn')) {
        var dropdowns = document.getElementsByClassName("dropdown-content");
        var i;
        for (i = 0; i < dropdowns.length; i++) {
          var openDropdown = dropdowns[i];
          if (openDropdown.classList.contains('show')) {
            openDropdown.classList.remove('show');
          }
        }
      }
    }

  </script>
  <div id="navi">
    <nav style="padding: 10px 10px ; ">

      <a class="navbar-brand" href="../radial-pie-circle-menu/menuRond.html">HOME</a>
      <div class="dropdown" style="float: right;">
        <button onclick="myFunction()" class="dropbtn">Categories<i class="fa fa-caret-
down"></i></button>
        <div id="myDropdown" class="dropdown-content">
```

```html
            <a href="../html/ml.html">machine learning</a>
            <a href="../html/web.html">Web development</a>
            <a href="../html/app.html">App development</a>
            <a href="../html/IOT.html">IOT</a>
            <a href="../html/python.html">Python</a>
            <a href="../html/java.html">Java</a>
         </div>
       </div>
     </nav>
   </div>

   <br/>
     <br/>
     <section class="container" id="cont">
       <h1 style="font-family: 'Pacifico', cursive;">Machine Learning</h1><br>
       <img src="../images/machine-learning.jpg" class="saiimage">
     <h2>what is machine learning ?</h2>
     <p>
         Machine learning (ML) is the scientific study of algorithms and statistical models
 that computer systems use to perform a specific task without using explicit instructions,
 relying on patterns and inference instead. It is seen as a subset of artificial intellige
nce. Machine learning algorithms build a mathematical model based on sample data, known as
 "training data", in order to make predictions or decisions without being explicitly progr
ammed to perform the task. Machine learning algorithms are used in a wide variety of appli
cations, such as email filtering and computer vision, where it is difficult or infeasible
to develop a conventional algorithm for effectively performing the task.
     </p>
     <br>
     <h2>What are the languages involved ?</h2>
     <p>
       Python and R are widely used programming languages for general machine learning.
     </p>
     <br>
     <h2>
       Learning path
     </h2>
     <p>There are several ways of learning flow.but we will guide you through most common f
low.<br>
     <p style="color: black; font-family: 'Baloo Bhai 2', cursive; font-
size: 20px; overflow:hidden;">

Like any other programming languages, you need to learn Python too, before you get started
 with ML with python.
Learning Python WILL take time, do not think that you can be an expert programmer in a day
!
There is NO Machine Learning without Linear Algebra, Statistics and Probability theory.
The best way to learn to code is to do small tasks.
Now, we start the roadmap to ML, <br/>

<h4>1.geeks for geeks</h4> <br/>
here is the basic stuff about <p1>how to start ml</p1> <br/> <br/>

<a href="https://www.geeksforgeeks.org/how-to-start-learning-machine-
learning/" target="_blank" ><button id="but">click here</button></a> <br/> <br/>


<p1>Learn basic Python:</p1> <br/>

There are lot of resources available in internet. <br/>
<h4>2.Telusko(youtube)</h4> <br/>
You can learn python for free.Here is the link  <br/> <br/>
```

```html
<a href="https://www.youtube.com/playlist?list=PLsyeobzWxl7poL9JTVyndKe62ieoN-
MZ3" target="_blank" ><button id="but">click here</button></a> <br/> <br/>

<h4>3.Books</h4> <br/>
If you wanna read some stuff about python.Here are the links: <br/>
<a href="https://docs.python.org/3.8/tutorial/index.html" target="_blank">Python official
documentation</a> <br/>
<a href="https://diveintopython3.net/table-of-
contents.html" target="_blank">How to dive into python</a> <br/>
<a href="https://python.swaroopch.com/oop.html" target="_blank">Python by Swaroop CH</a> <
br/> <br/>

Learn some cool Python packages: <br/>
Some of the popular ML packages (basic) used in Python are as follows: <br/>
* Numpy. <br/>
* Pandas. <br/>
* Matplotlib. <br/>
* Scikit. <br/>
Do basic Linear Algebra, Statistics and Probability with Python.Start the Machine learning
: <br/>

<h4>Udacity free course</h4> <br/>
learn ml using this course. <br/> <br/>

<a href="https://www.udacity.com/course/intro-to-machine-learning--
ud120" target="_blank" ><button id="but">click here</button></a> <br/> <br/>

<h4>udemy course</h4> <br/>
learn ml paid certification course.  <br/> <br/>

<a href="https://www.udemy.com/course/machinelearning/" target="_blank" ><button id="but">
click here</button></a> <br/> <br/>

<h4>Additional resources</h4> <br/>
freecodecamp python full crash course:  <br/>
<iframe  id="video"  width="560" height="315" src="https://www.youtube.com/embed/rfscVS0vt
bw" frameborder="0" allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-
in-picture" allowfullscreen></iframe>
<br/>

Edureka ml full crash course:<br/>

<iframe  id="video" width="560" height="315" src="https://www.youtube.com/embed/GwIo3gDZCV
Q" frameborder="0" allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-in-
picture" allowfullscreen></iframe><br/>

<h4>additional links:</h4><br/>

<a href="https://sgfin.github.io/learning-
resources/tutorial point" target="_blank">Mit site</a> <br/>
<a href="https://www.tutorialspoint.com/machine_learning_with_python/index.htm" target="_b
lank">Tutorials point</a> <br/>
<a href="https://www.w3schools.com/python/python_ml_getting_started.asp" target="_blank">W
3SCHOOLS</a> <br/>
<a href="" target="_blank"></a>
    </pre> </p>
    </section>
      <!--footer-->
<footer class="footer-distributed" id="foot">


  <div class="footer-left" >
```

```html
        <img src="../logo.png"  id="footimg">


        <p class="footer-company-name">© 2020 The Path Factory.</p>
    </div>

    <div class="footer-center">
        <div>
            <a href="https://www.google.com/maps/dir//advanced+academic+center+griet/data=!4
m6!4m5!1m1!4e2!1m2!1m1!1s0x3bcb8d42d6f1f7ff:0xf9e2e5aa8a14a917?sa=X&ved=2ahUKEwjfw8_6xLbjA
hUZiHAKHV7AAC0Q9RcwC3oECA0QDA"><i class="fa fa-map-marker"></i></a>
            <p> <span>Room no.3614, Block 3, GRIET, Bachupally, </span>
                Kukatpally, Hyderabad- 500090</p>
        </div>

        <div>
            <i class="fa fa-phone"></i>
            <p>+91 8688898707</p>
        </div>
        <div>
            <i class="fa fa-envelope"></i>
            <p><a href="mailto:pathfactory.org@gmail.com" style="color: #fff;">pathfactory.o
rg@gmail.com</a></p>
        </div>
    </div>
    <br>
    <p>Designed and Developed by Team AAC 20AAC52</p>
    <a href="https://github.com/saichand84/pathfactory" target="_blank"><i class="fa fa-
github"></i> Github repository</a>
    <br><br>
    <div class="footer-right">
        <p class="footer-company-about" style="color: #fff">
            <span>About the AAC</span>
            The epicenter for creative solutions.</p>

            <p class="footer-links">
            <a href="http://aacgriet.com" target="_blank">Home</a>
            |
            <a href="http://aacgriet.com/aac_about.html" target="_blank">About</a>
            |
            <a href="http://aacgriet.com/faq.html" target="_blank">FAQ</a>
        </p>
        <div class="footer-icons">
            <a href="https://www.linkedin.com/company/aac-
griet" target="_blank"><i class="fa fa-linkedin"></i></a>

            <a href="https://instagram.com/aac_grietofficial?igshid=ijzbi8c7jl27" target="_b
lank"><i class="fa fa-instagram"></i></a>
            <a href="https://www.youtube.com/channel/UCqpWtDtDLxBLy8yJZO_-
eBw" target="_blank"><i class="fa fa-youtube"></i></a>
        </div>
        <br>

    </div>
</footer>


</body>
</html>
```

*As all the pages made have similar code but a change n the content for each page. To know more about or site details and our site codes, please visit our **Git hub repository.**

https://github.com/saichand84/pathfactory

FURTHER DEVELOPMENTS:

- Improving the UI
- Adding more content
- Daily updates
- Blogs
- Updating the content

References

https://www.w3schools.com/default.asp

https://www.w3schools.com/java/default.asp

https://www.w3schools.com/css/default.asp

https://www.w3schools.com/nodejs/default.asp

https://www.codecademy.com/learn/learn-git

https://reactjs.org/tutorial/tutorial.html

https://www.freecodecamp.org/

https://uigradients.com/