SPRINT 3- APPLICATION BUILDING

HTML CODE :

//Home.html

<!doctype html>

<html>

<head>

<title> Water Quality </title>

<!-- BootStrap -->

```
<link
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css"

    rel="stylesheet"

    integrity="sha256-MfvZlkHCEqatNoGiOXveE8FIwMzZg4W85qfrfIFBfYc=
sha512-
dTfge/zgoMYpP7QbHy4gWMEGsbsdZeCXz7irItjcC3sPUFtf0kuFbDz/ixG7ArTxmDjL
XDmezHubeNikyKGVyQ=="

    crossorigin="anonymous">
```

<style>

body{

background-image:url({{url_for('static',filename='water6.jpg')}});

background-repeat:no-repeat;

```css
background-size:cover;

height:100%;

width:100%;

}

input{

    text-align: center;

    width: 20%;

    height: 70px;

    font-size: 14px;

    padding-top:0px ;

}

label{

    color:black;

        }

input[type=text]

        {

        border:1px solid darkblue;

        border-radius:15px;

        box-shadow:4px 4px 4px 4px black;
```

```html
        }

a{

color:white;

}

</style>

</head>

<body>

 <div class="login">

 <form action="{{ url_for('predict')}}" method="post">

<center>


<b>

<h1 style="font-size:60px;color:black;"  id="heading">Water Quality
prediction</h1><br>

</b>

</center>


<br><br><br><br><br>

<center>
```

```html
<div id="bodycontent">

<label>

                pH value  :   <input type="text" name="ph" placeholder="pH value"

style="background-color:; height:40px;"  required="required"

/>&nbsp&nbsp&nbsp&nbsp&nbsp

            Hardness :   <input type="text" name="Hardness"

placeholder="Hardness"  style="background-color:;

height:40px"required="required" />&nbsp&nbsp&nbsp&nbsp&nbsp

            Solids :  <input type="text" name="Solids" placeholder="Solids"

style="background-color:; height:40px"required="required"

/><br><br><br><br><br>

            Chloramines :   <input type="text" name="Chloramines"

placeholder="Chloramines"  style="background-color:;

height:40px"required="required" />&nbsp&nbsp&nbsp&nbsp

            Sulfate :    <input type="text" name="Sulfate" placeholder="Sulfate"

style="background-color:; height:40px" required="required"

/>&nbsp&nbsp&nbsp&nbsp&nbsp
```

Conductivity :　　<input type="text" name="Conductivity"

placeholder="Conductivity" style="background-color:; height:40px"

required="required" />

Organic_carbon : <input type="text" name="Organic_carbon"

placeholder="Organic_carbon" style="background-color:; height:40px"

required="required" />

Trihalomethanes :<input type="text" name="Trihalomethanes"

placeholder="Trihalomethanes" style="background-color:; height:40px"

required="required" />

Turbidity :　<input type="text" name="Turbidity"

placeholder="Turbidity" style="background-color:; height:40px"

required="required" />

<!-- Show button -->

<div class="button_cont" ><a class="button_css" target="_blank"

rel="nofollow noopener">

<button type="submit" class=" g btn btn-primary btn-block btn-large

text-white"><a href="C:\Users\yazhithan\Desktop\mini2\water\Water-

quality-test-application-main\Water Quality\templates\b.html">Water quality

Test</button>

</center>

</label>

</div>

</form>

</div>

</body>

</html>

//**predict.html**

```html
<html>
<head>
<style>
body{
background-image:url({{url_for('static',filename='15.jpg')}});
background-repeat:no-repeat;
background-size:cover;
height:100%;
width:100%;
}
.box{
margin:0px auto !important;
```

```
height:auto;

width:50%;

border:2px solid skyblue;

box-shadow:2px 20px 20px 1px blue;

}

center{

margin-top:130px;

}

</style>

</head>

<body >

<br><H1 style="color:grey;text-align:center;"><b>WATER QUALITY
PREDICTION</b></H1>

<center>

<div class="box">

    <h1>{{prediction_text }}</h1>

</div>

</center>

</body>

</html>
```

OUTPUT:

Water Quality prediction

pH value : [pH value]   Hardness : [Hardness]   Solids : [Solids]

Chloramines : [Chloramines]   Sulfate : [Sulfate]   Conductivity : [Conductivity]

Organic_carbon : [Organic_carbon]   Trihalomethanes : [Trihalomethanes]   Turbidity : [Turbidity]

Water quality Test