## **Sprint-4**

# Front End web application development

Date : 12.11.2022

**Team ID** : PNT2022TMID21664

**Project Name : FERTILIZERS RECOMMENDATION SYSTEM** 

FOR DISEASE PREDICTION

## **Build HTML Pages**

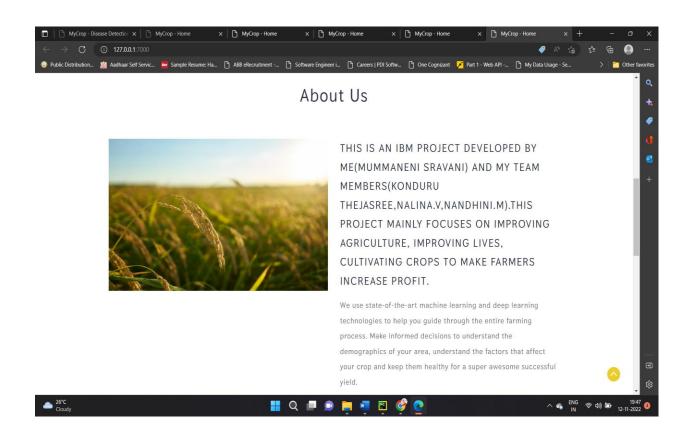
Build the UI where a home page will have details about the application, a prediction page where a user is allowed to browse an image and get the predictions.

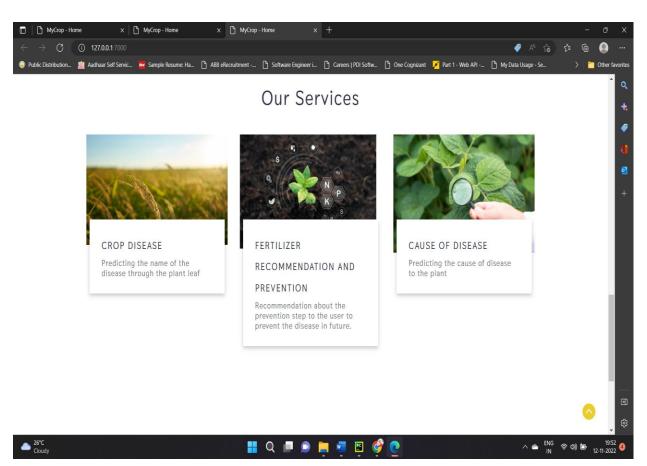
# Open the browser and navigate to localhost to check your web application

The home page looks like this.

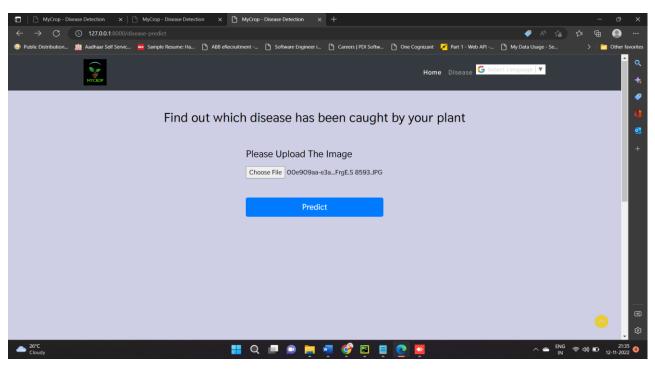
\* Running the application on http://127.0.0.1:5000

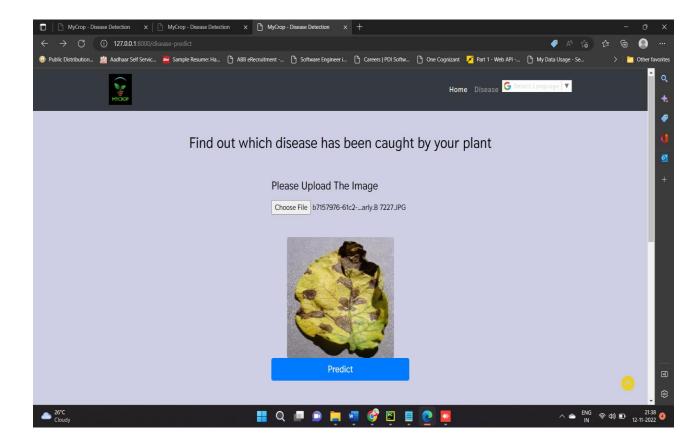


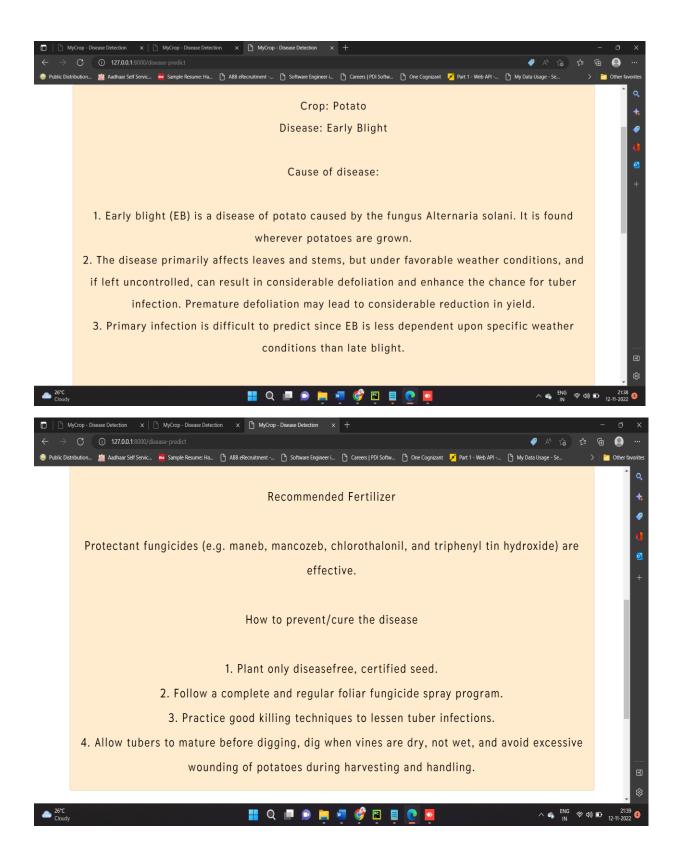




# After clicking on disease button, you will be redirected to the find out which disease has been caught by your plant page where you can browse the images.







Html files and CSS files code documents related to front end design has been attached below.

### **Index.html**

```
{% extends 'layout.html' %}
{% block body %}
<!-- banner -->
<section class="banner_w3lspvt" id="home">
       <div class="csslider infinity" id="slider1">
       <div class="banner-top1">
       <div class="overlay">
       <div class="container">
       <div class="w3layouts-banner-info text-center">
       <h3 class="text-wh">MyCrop-Plant Disease Prediction</h3>
     <h4 class="text-wh mx-auto my-4"><b>Get informed decisions about your farming
strategy.<br/>
Strategy.<br/>
Strategy.<br/>
Strategy.<br/>
Strategy.<br/>
Strategy.
     <h4 class="text-wh mx-auto my-4"><strong> Here are some questions we'll
answer</strong></h4>
1. Which disease do your crop have? <br>
       2. What cause the disease to plant? <br>
       3. How to prevent the disease?<br>
       4. How to cure the disease?<br>
      5.Fertilizer Recommended
                         </div>
                     </div>
              </div>
       </div></div>
</section>
<!-- //banner -->
<!-- core values -->
<section class="core-value py-5">
<div class="container py-md-4">
```

```
<h3 class="heading mb-sm-5 mb-4 text-center"> About Us</h3>
       <div class="row core-grids">
       <div class="col-lg-6 core-left"><br>
<img src="{{ url_for('static', filename='images/13.jpg') }}" class="img-fluid" alt="" /></div>
<div class="col-lg-6 core-right">
<h3 class="mt-4">Improving Agriculture, Improving Lives, Cultivating Crops To Make
Farmers Increase Profit.</h3>
We use state-of-the-art machine learning and deep learning technologies to
help you to guide through the entire farming process. Make informed decisions to understand
the demographics of your area, understand the factors that affect your crop and keep them
healthy for a super awesome successful yield.
                </div>
              </div>
       </div>
</section>
<!-- //core values -->
<!-- Products & Services -->
<section class="blog py-5">
<div class="container py-lg-5">
<h3 class="heading mb-sm-5 mb-4 text-center"> Our Services</h3>
<div class="row blog-grids">
<div class="col-lg-4 col-md-6 blog-left mb-lg-0 mb-md-5 pb-md-5 pb-5">
<a href="{{ url_for('home') }}">
<img src="{{ url_for('static', filename='images/s35.jpg') }}" class="img-fluid" alt="" />
<div class="blog-info">
<h4>Crop Disease</h4>
Predicting the name of the disease through the plant leaf
                     </div></a>
              <br><br><br>><br>>
</div><div class="col-lg-4 col-md-6 blog-middle mb-lg-0 mb-md-5 pb-md-5 pb-5">
<a href="{{ url_for('home') }}">
<img src="{{ url_for('static', filename='images/s6.jpg') }}" class="img-fluid" alt="" />
```

```
<div class="blog-info">
<h4> Fertilizer Recommendation and Prevention</h4>
Recommendation about the prevention step to the user to prevent the
disease in future.
                        </div>
                    </a>
              <br>><br>>
            </div>
<div class="col-lg-4 col-md-6 blog-right mb-lg-0 mb-sm-5 pb-lg-5 pb-md-5">
<a href="{{ url_for('disease_prediction') }}">
<img src="{{ url_for('static', filename='images/s7.jpg') }}" class="img-fluid" alt="">
<div class="blog-info">
<h4>Cause of Disease</h4>
Predicting the cause of disease to the plant
                           </div>
                         </a>
                    </div>
                </div>
        </section>
     <style>
</style>
<!-- //Products & Services -->
</html>
{% endblock %}
```

#### Disease.html

```
{% extends 'layout.html' %} {% block body %}
<style>
 html body {
  background-color: rgb(206, 206, 228);
 }
</style>
<br/>br /><br/>
 <h2 style="text-align: center; margin: 0px; color: black">
  <br/>b>Find out which disease has been caught by your plant</b>
 </h2>
 <br/>br />
 <br/>br>
<div style="
  width: 350px;
  height: 50rem;
  margin: 0px auto;
  color: black;
  border-radius: 25px;
  padding: 10px 10px;
  font-weight: bold;
 ">
 <form class="form-signin" method=post enctype=multipart/form-data>
 <\!\!h2\;class="h4\;mb-3\;font-weight-normal"><\!\!s>\!\!Please\;Upload\;The\;Image<\!\!/b><\!\!/h2>
  <input type="file" name="file" class="form-control-file" id="inputfile"</pre>
onchange="preview_image(event)" style="font-weight: bold;">
  <br>
  <br/>br>
  <img id="output-image" class="rounded mx-auto d-block" />
```

```
<button class="btn btn-lg btn-primary btn-block" type="submit" style="font-weight:
bold;">Predict</button>
  </div>
</div>
<script type="text/javascript">
function preview_image(event) {
    var reader = new FileReader();
    reader.onload = function () {
        var output = document.getElementById('output-image')
        output.src = reader.result;}
    reader.readAsDataURL(event.target.files[0]);}
</script>
</div>
{% endblock %}
```

#### **Disease-result.html**

#### Layout.html

```
<!DOCTYPE html>
```

```
function hideURLbar() {
  </script>
     integrity="sha384-
     crossorigin="anonymous"></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
   <script
JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
```

```
crossorigin="anonymous"></script>
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
      integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
      integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
rel='stylesheet' type='text/css' />
rel='stylesheet' type='text/css' />
   <script type="text/JavaScript" src="{{ url for('static',</pre>
filename='scripts/cities.js') }}"></script>
href="//fonts.googleapis.com/css?family=Thasadith:400,400i,700,700i&sub
   </style>
style="background-color: #1C00ff00;">
            <imq src="{{ url for('static', filename='images/LOGO.jpg') }}"</pre>
```

```
<button class="navbar-toggler" type="button" data-</pre>
           aria-controls="navbarResponsive" aria-expanded="false" aria-
           <span class="navbar-toggler-icon"></span>
        </button>
                    <span class="sr-only">(current)</span>
              </div>
     </div>
function googleTranslateElementInit() {
tInit"></script>
        </h2>
```

```
></a>
                     href="#!"
                  ></a>
                  ></a>
                     href="#!"
                     ><i class="fab fa-qithub"></i</pre>
                 ></a>
                  </section>
  Made with $\square$ by Group No. 6
  © Copyright@2021 Group No. 6
</div>
```

><i class="fab fa-facebook-f"></i

## **Test-components.html**

#### Try-again.html

```
{% extends 'layout.html' %}
{% block body %}
<div class="container py-2 mx-auto my-50 h-10 text-center" style="margin: 9rem;">
 <div class="row">
  <div class="col-sm py-2 py-md-3">
   <div class="card card-body" style="justify-content: center; background-</pre>
color:blanchedalmond">
     <h1 class="text-center" style="color: black; font-size: 20px;"><b>Sorry we couldn't
process your request
       currently. <br > Please try again</b></h1>
     <a href="{{ url_for('home') }}">
      <button type="submit" class="btn btn-info text-center" style="
     color: black;
    font-weight: bold;
     margin: 1rem;">
       Try again
      </button>
     </a>
   </div>
  </div>
 </div>
</div>
{% endblock %}
```

#### **Style.css**

```
html,
body {
html {
body a {
body img {
a:hover {
input[type="button"],
input[type="text"],
input[type="email"],
input[type="search"] {
h1,
h2,
h3,
h4,
h5,
h6 {
```

```
color: #707579;
ul {
header {
nav {
#logo a {
   color: #e8cd30;
nav:after {
```

```
nav a {
    color: #ddd;
nav ul li ul li:hover { background: #f8f9fa; }
nav a:hover {
nav ul ul {
nav ul li:hover > ul {
nav ul ul li {
    padding: 5px 10px;
display: block;
```

```
nav ul li span {
nav ul ul ul li {
li > a:only-child:after { content: ''; }
@media all and (max-width : 991px) {
```

```
display: block;
```

```
@media all and (max-width : 330px) {
```

```
background: url(../images/2.jpeg) no-repeat center;
   background: url(../images/1.jpg) no-repeat center;
   background: url(../images/5.jpg) no-repeat center;
   -moz-background-size: cover;
.w3layouts-banner-info {
   text-transform: uppercase;
```

```
text-transform: uppercase;
   color: #fff;
h3.heading {
p.about-text {
```

```
text-transform: uppercase;
text-transform: uppercase;
```

```
background: url(../images/5.jpg) no-repeat center;
```

```
text-transform: uppercase;
background: url(../images/2.jpg) no-repeat center;
color: #fff;
```

```
background: #009f4d;
p.footer-para {
  color: #e8cd30;
footer{
```

```
background: url(../images/2.jpg) no-repeat center;
background-size: cover;
```

```
h4.abt-text {
```

```
section.w3 stats {
   background: url(../images/1.jpg) no-repeat center;
section.w3 stats h3.heading {
  color: #fff;
p.count-text {
```

```
text-transform: uppercase;
```

```
position: absolute;
h4.home-title {
.newsletter_right_w3.py-5 {
     background: #f8f9fa;
p.sub-tittle {
    max-width: 700px;
form.newsletter {
     box-shadow: 0 12px 60px rgba(0, 0, 0, .2);
-webkit-box-shadow: 0 12px 60px rgba(0, 0, 0, .2);
-o-box-shadow: 0 12px 60px rgba(0, 0, 0, .2);
```

```
-moz-box-shadow: 0 12px 60px rgba(0, 0, 0, .2);
   text-transform: uppercase;
.contact-left input[type="text"],.contact-left input[type="email"]{
```

```
.contact-left input[type="email"]{
   text-transform: uppercase;
   color: #03A9F4;
.address-row .contact-icon {
  background: #009f4d;
```

```
text-transform: uppercase;
   background: url(../images/comingsoon.jpg) no-repeat center;
a.move-top {
```

```
min-height: 650px;
```

```
width: 100%;
```

```
@media(max-width:568px) {
```

```
.logo2 a {
```

```
.newsletter .email {
```

```
@media(max-width:320px) {
```