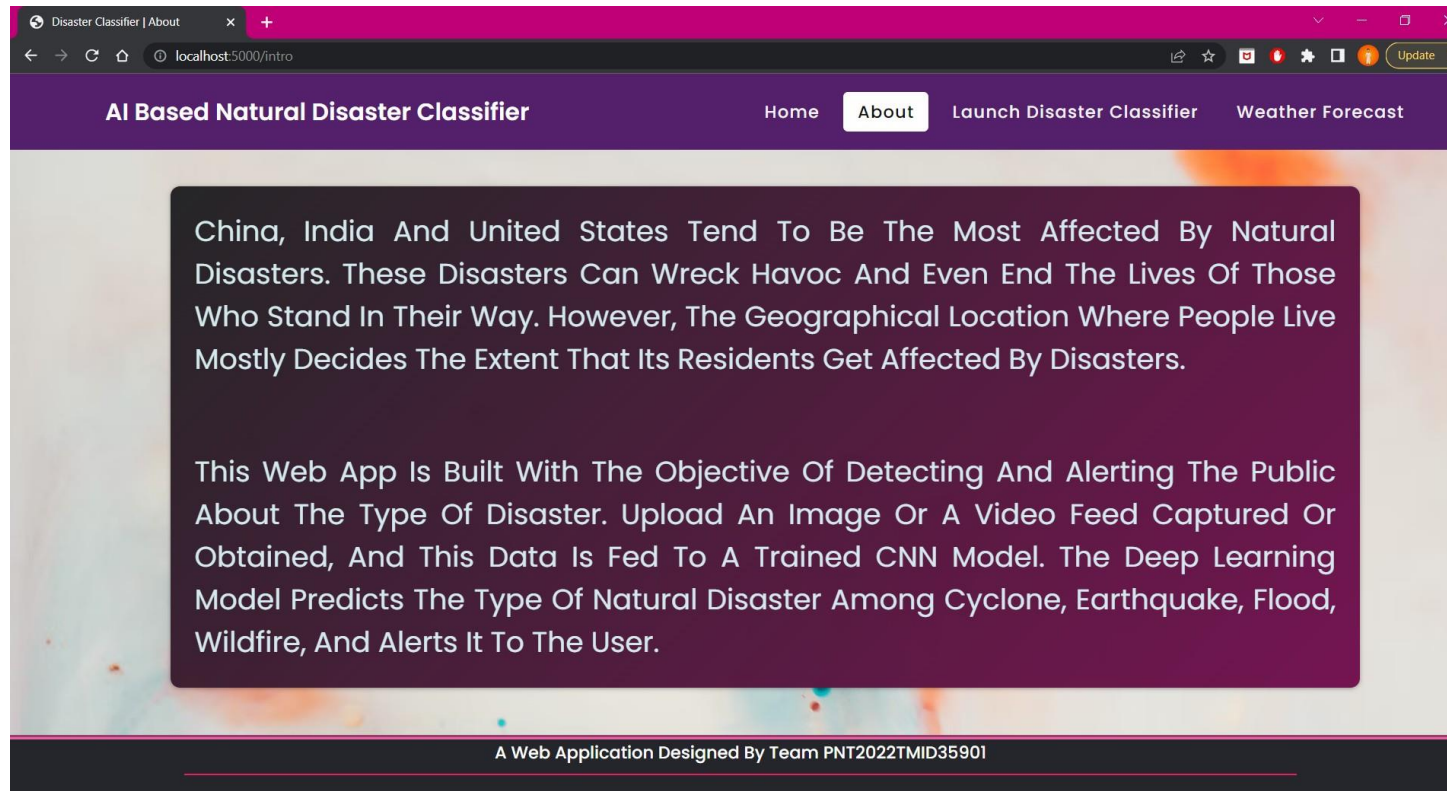| Date	27 November 2022
Team ID	PNT2022TMID45772
Project Name	Natural Disasters Intensity Analysis And Classification Using Artificial Intelligence
Maximum Marks	4 Marks

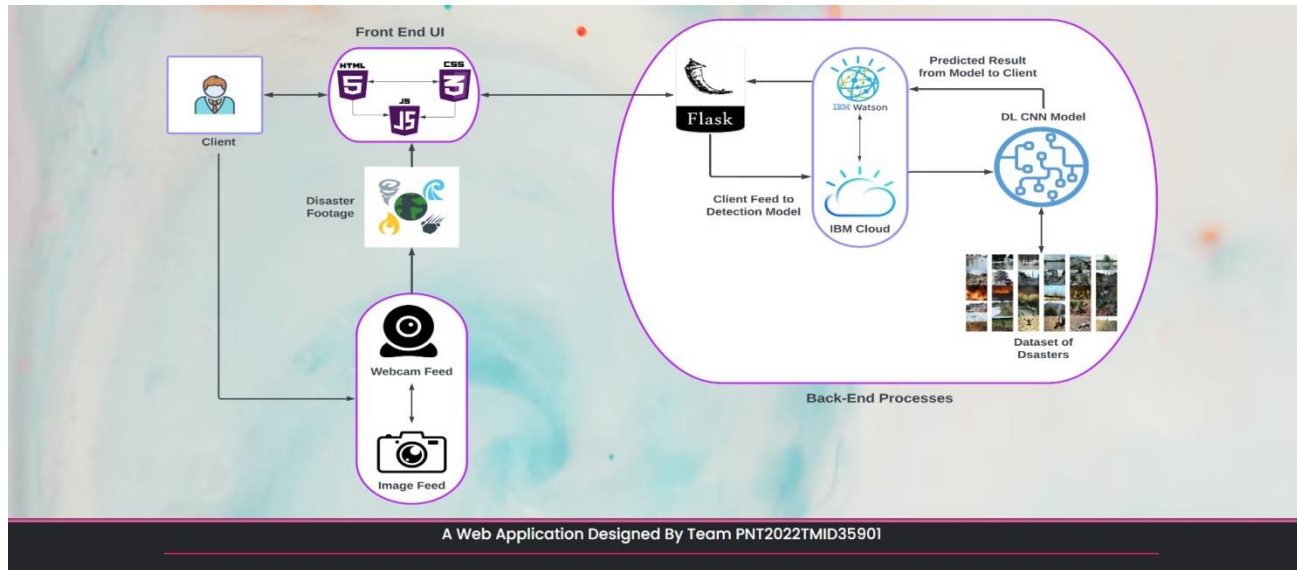**Designing the Web App Using HTML, CSS and Javascript**
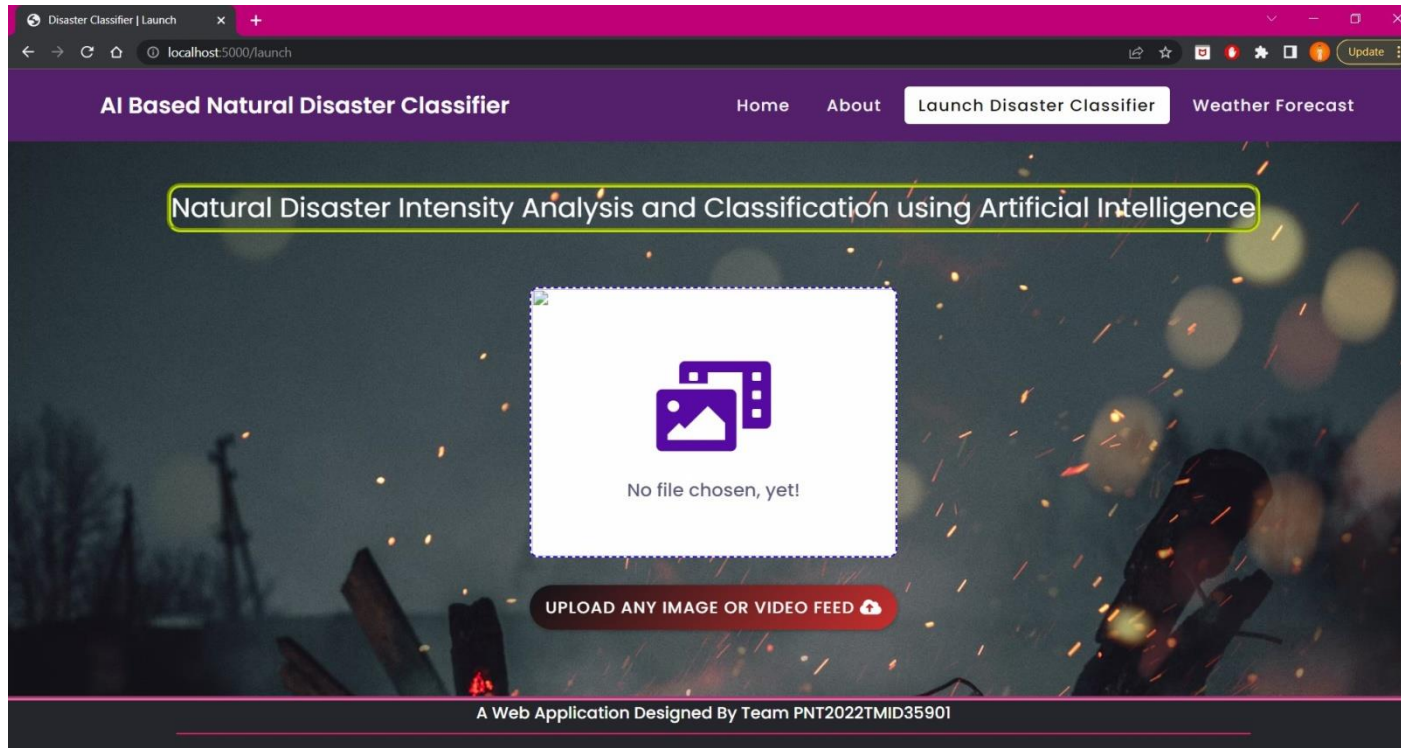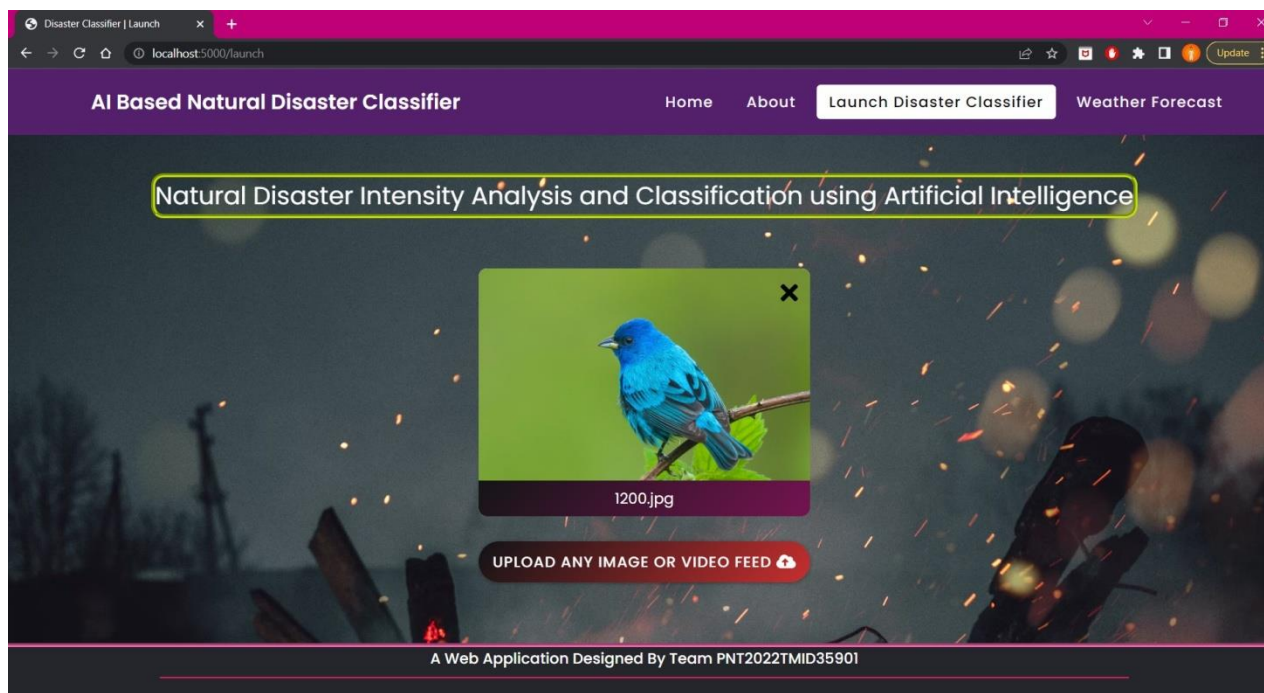
    a. Front-End:

   **1. Home page:**

2. About Page:

AI Based Natural Disaster Classifier

Home   About   Launch Disaster Classifier   Weather Forecast

China, India And United States Tend To Be The Most Affected By Natural Disasters. These Disasters Can Wreck Havoc And Even End The Lives Of Those Who Stand In Their Way. However, The Geographical Location Where People Live Mostly Decides The Extent That Its Residents Get Affected By Disasters.

This Web App Is Built With The Objective Of Detecting And Alerting The Public About The Type Of Disaster. Upload An Image Or A Video Feed Captured Or Obtained, And This Data Is Fed To A Trained CNN Model. The Deep Learning Model Predicts The Type Of Natural Disaster Among Cyclone, Earthquake, Flood, Wildfire, And Alerts It To The User.

A Web Application Designed By Team PNT2022TMID35901

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3. Launch Disaster Classifier Page:

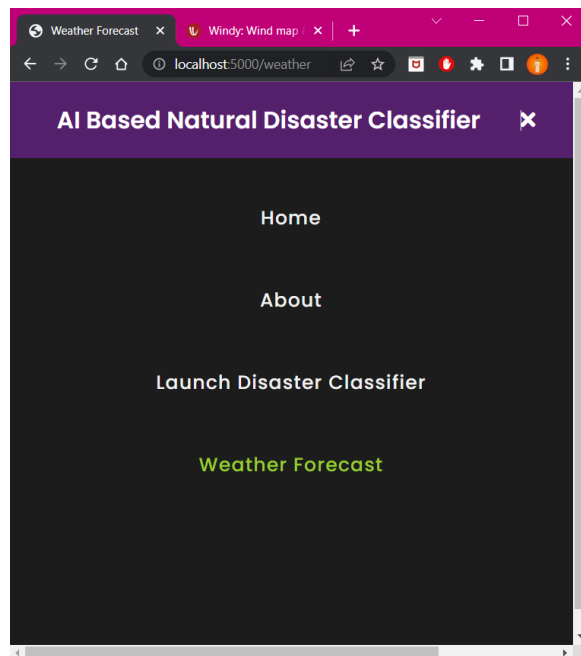**4. Weather Forecast Page:(Uses Openweather API to generate weather Forecast for each city/area/district)**
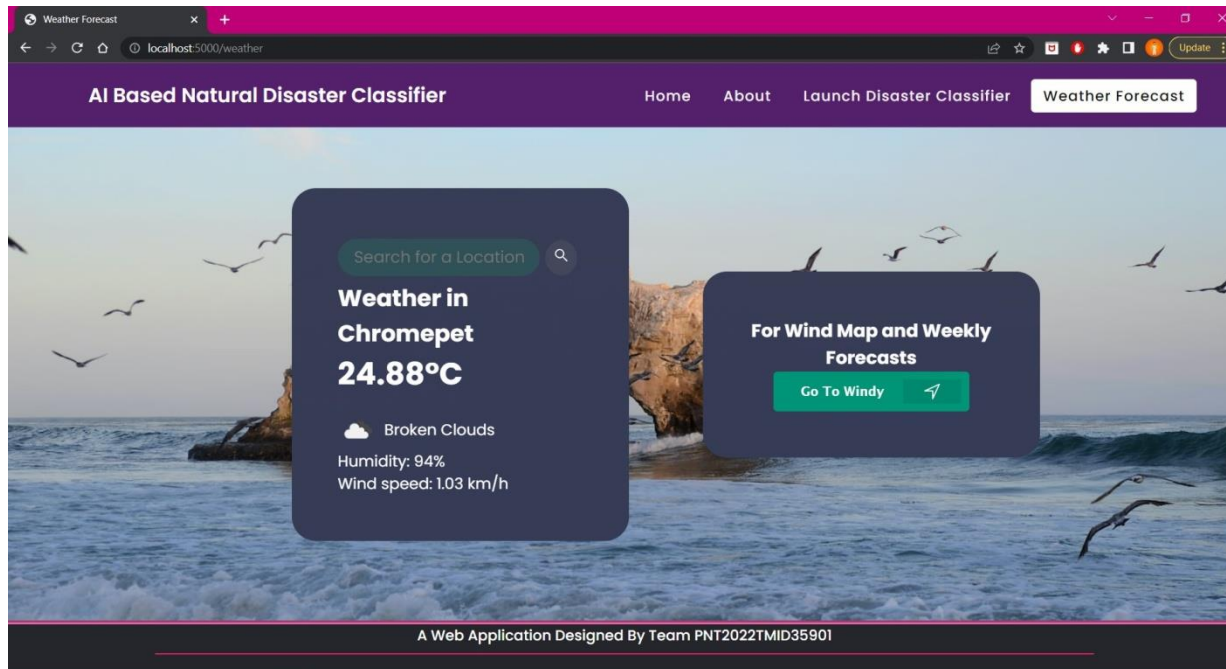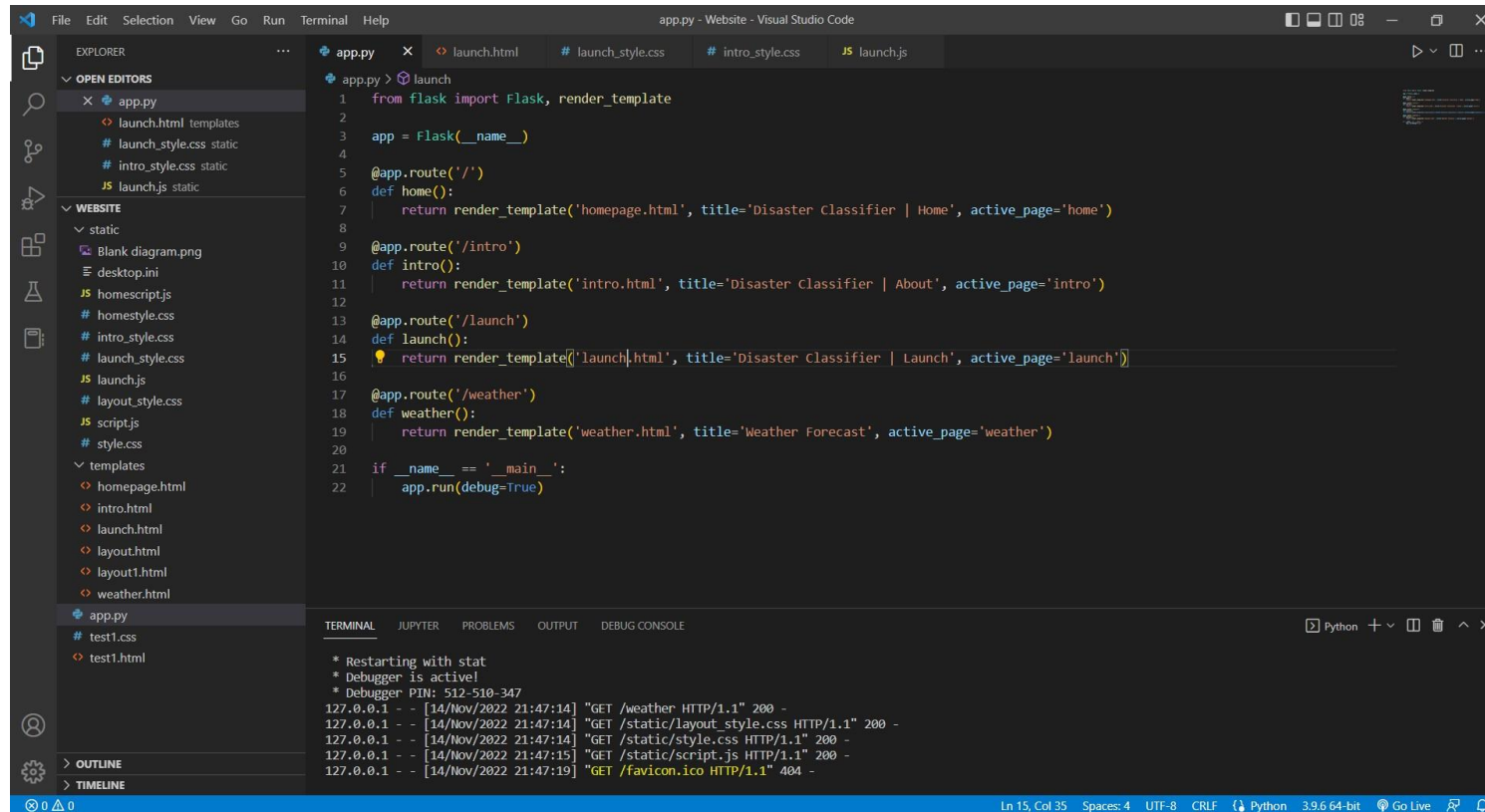
5. Changing Backgrounds for Weather Forecast Page:
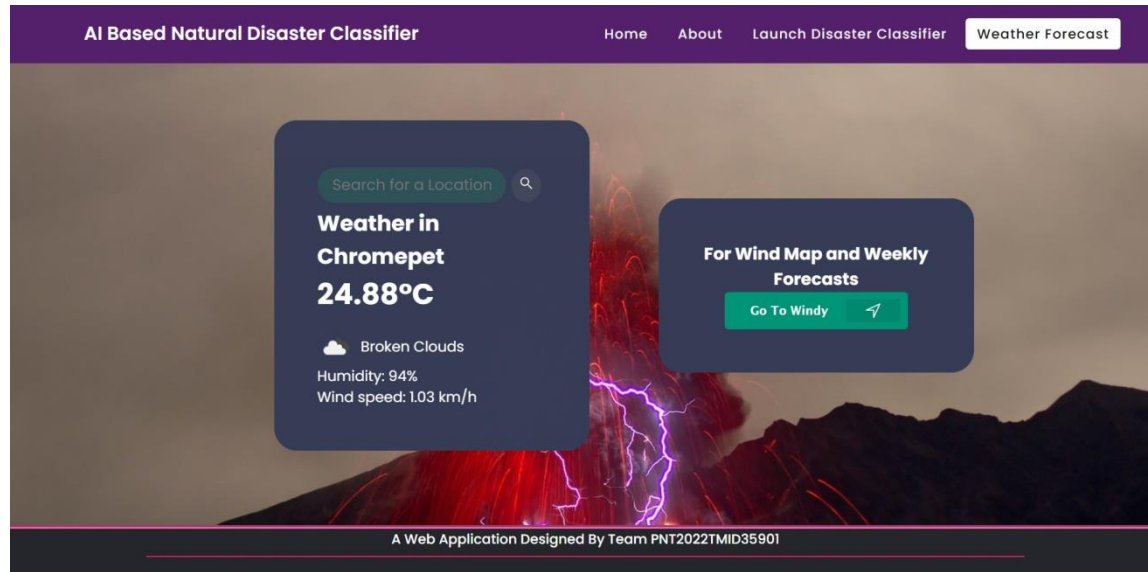
6. Responsive Navigation Bar:

b. Backend Using Flask:

1. **Created app.py with routes to HTML pages and localhost deployment**

*File Structure Denoted in the Left Column

2. Added Flask Jinja 2 tags in HTML Pages to integrate the Web App

```
1   {%extends "layout.html"%}
2
3   {%block head%}
4     <link rel="stylesheet" href="{{url_for('static', filename='launch_style.css')}}">
5     <script src="{{url_for('static', filename='launch.js')}}" defer></script>
6   {%endblock head%}
7
8   {%block body%}
9   <p class="title animated fadeIn">Natural Disaster Intensity Analysis and Classification using Artificial Intelligence<p>
10  <div class="container1 animated fadeIn">
11    <div class="wrapper1">
12      <div class="image">
13        <img src="" alt="">
14      </div>
15      <div class="content">
16        <div class="icons">
17          <i class="fas fa-photo-video i2"></i>
18        </div>
19        <div class="text1">
20          No file chosen, yet!
21        </div>
22      </div>
23      <div id="cancel-btn">
24        <i class="fas fa-times i1"></i>
25      </div>
26      <div class="file-name">
27        File name here
28      </div>
29    </div>
30    <button onclick="defaultBtnActive()" id="custom-btn">
31      upload any image or video feed
32      <i class="fas fa-cloud-upload-alt i2"></i></button>
33    <input id="default-btn" type="file" hidden>
34  </div>
35  {%endblock body%}
```