

## SPRINT – 3 PROJECT DOCUMENT

Date	19 November 2022
Team ID	PNT2022TMID29701
Project Name	Flight Delay Prediction Using Machine Learning

### DEVELOPMENT PHASE:

#### SPRINT-3:

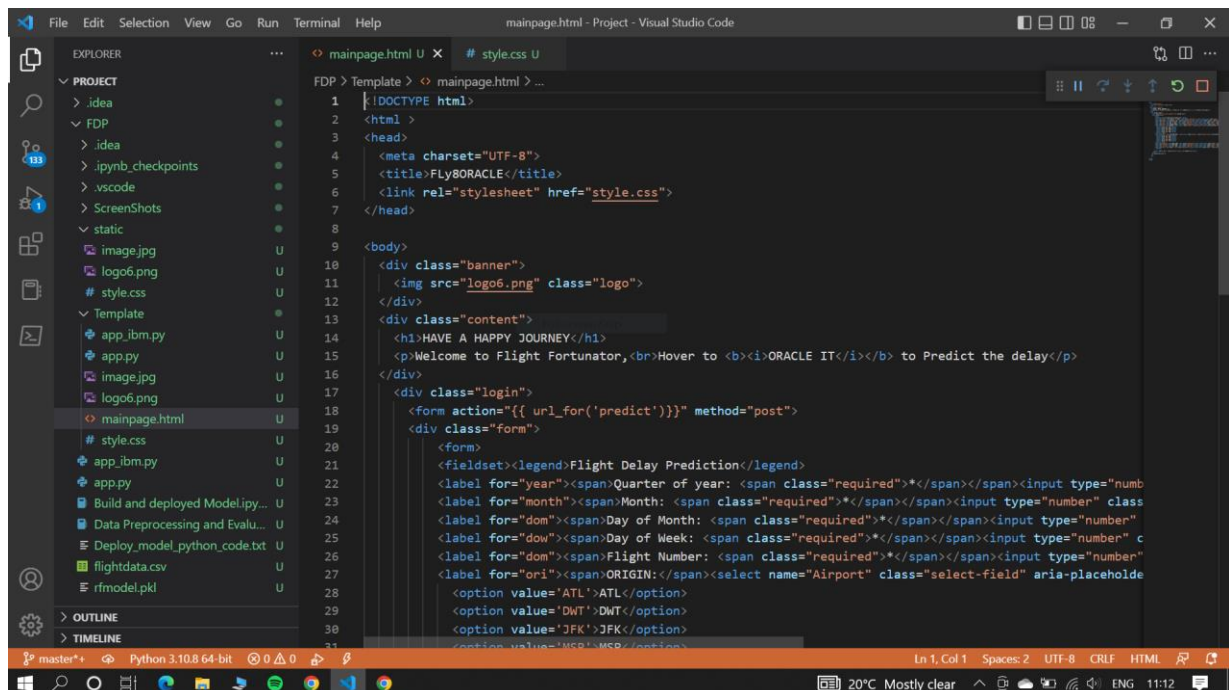
##### OUTLINE:

- Developing HTML, CSS and JS files as frontend webpage tool
- Developing Python codes to Predict the values as per.

### CODING - development:

#### HTML codes,

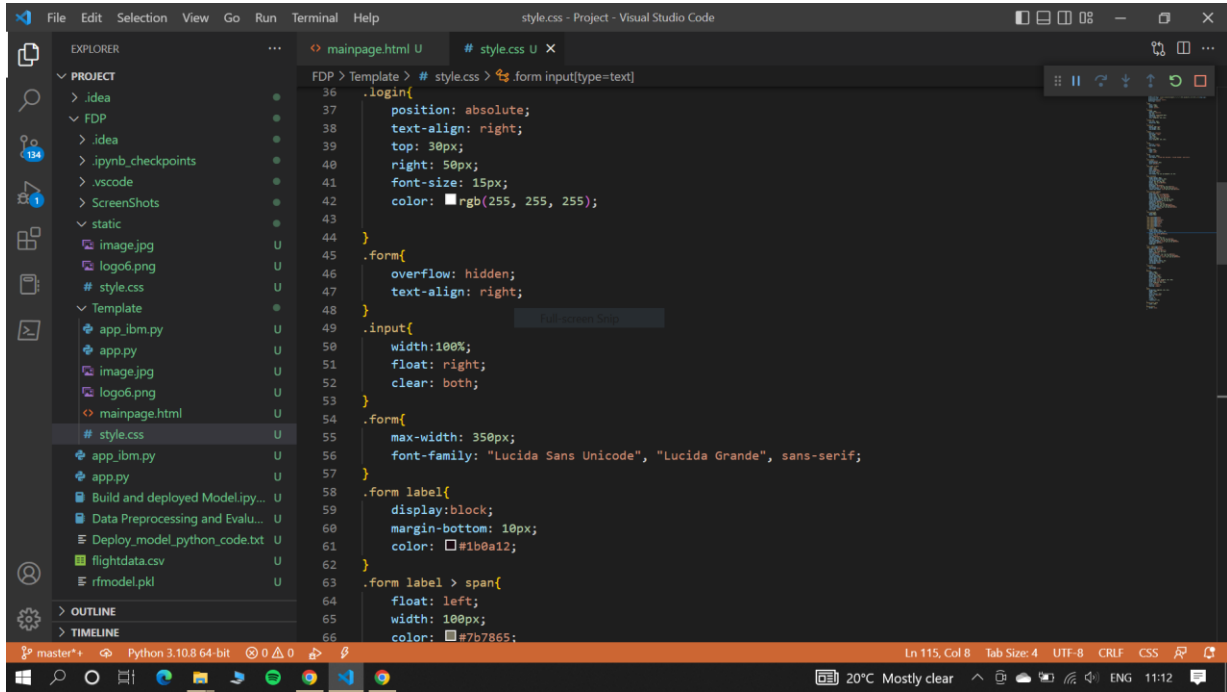
I have tried simple form layout syntax from **sanwebe** site



The screenshot shows the Visual Studio Code editor with a project named 'mainpage.html'. The Explorer panel on the left shows the project structure, including files like 'image.jpg', 'logo6.png', 'style.css', and 'mainpage.html'. The main editor area displays the HTML code for 'mainpage.html'. The code includes a basic HTML structure with a title 'FLYBORACLE', a banner with a logo, and a form for flight delay prediction. The form includes fields for year, month, day of month, day of week, flight number, and origin, along with a submit button. The code is as follows:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta charset="UTF-8">
5   <title>FLYBORACLE</title>
6   <link rel="stylesheet" href="style.css">
7 </head>
8
9 <body>
10   <div class="banner">
11     
12   </div>
13   <div class="content">
14     <h1>HAVE A HAPPY JOURNEY</h1>
15     <p>Welcome to Flight Fortinator,<br>Hover to <b><i>ORACLE IT</i></b> to Predict the delay</p>
16   </div>
17   <div class="login">
18     <form action="{{ url_for('predict')}}" method="post">
19       <div class="form">
20         <form>
21           <fieldset><legend>Flight Delay Prediction</legend>
22           <label for="year"><span>Quarter of year: <span class="required">*</span></span></span><input type="numb
23           <label for="month"><span>Month: <span class="required">*</span></span></span><input type="number" class
24           <label for="dom"><span>Day of Month: <span class="required">*</span></span></span><input type="number"
25           <label for="dow"><span>Day of Week: <span class="required">*</span></span></span><input type="number" c
26           <label for="dom"><span>Flight Number: <span class="required">*</span></span></span><input type="number"
27           <label for="ori"><span>ORIGIN:</span><select name="Airport" class="select-field" aria-placeholde
28             <option value="ATL">ATL</option>
29             <option value="DWT">DWT</option>
30             <option value="JFK">JFK</option>
31             <option value="MSP">MSP</option>
```

CSS codes,



The screenshot shows the Visual Studio Code editor with a project named 'style.css - Project'. The Explorer panel on the left shows the project structure, including files like 'mainpage.html', 'style.css', and various images. The main editor area displays the CSS code for the 'login' form. The code is as follows:

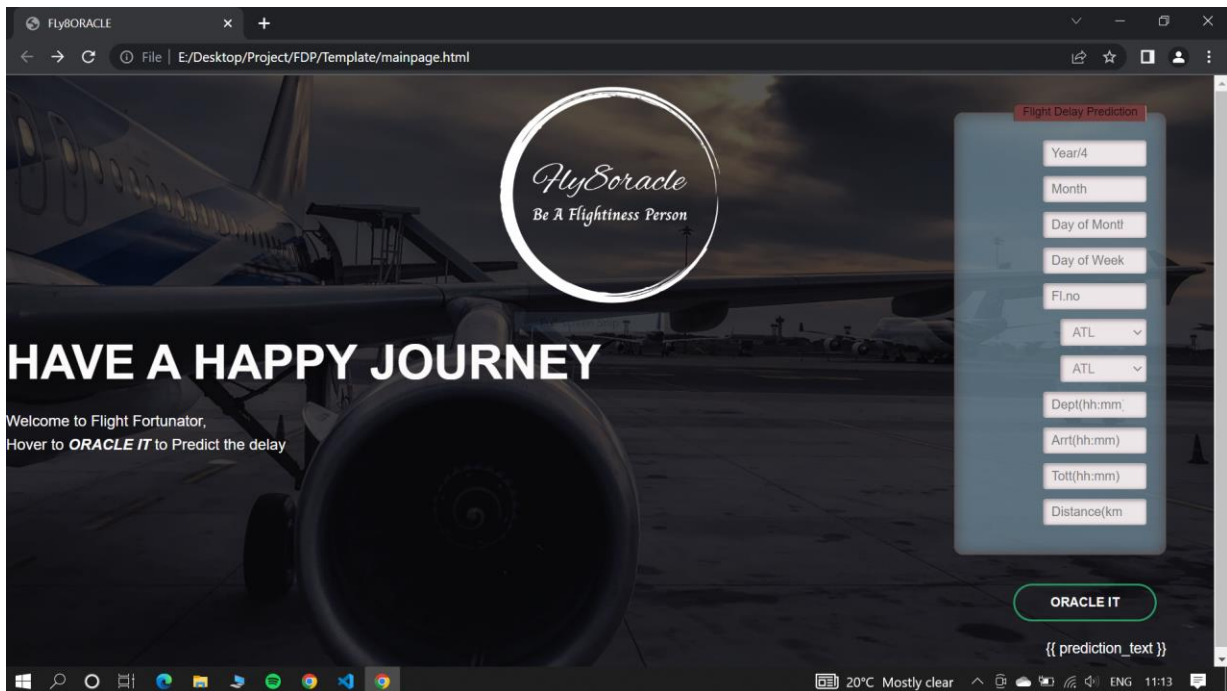
```
36 .login{
37   position: absolute;
38   text-align: right;
39   top: 30px;
40   right: 50px;
41   font-size: 15px;
42   color: #rgb(255, 255, 255);
43 }
44
45 .form{
46   overflow: hidden;
47   text-align: right;
48 }
49 .input{
50   width:100%;
51   float: right;
52   clear: both;
53 }
54 .form{
55   max-width: 350px;
56   font-family: "Lucida Sans Unicode", "Lucida Grande", sans-serif;
57 }
58 .form label{
59   display:block;
60   margin-bottom: 10px;
61   color: #1b0a12;
62 }
63 .form label > span{
64   float: left;
65   width: 100px;
66   color: #7b7865;
```

Logo,

I had used logo.com to create my LOGO as Fly8ORACLE



## WEB PAGE – VisualStudio Code,



## PYTHON CODE – Flask Model,

