

Project Development Phase Sprint 2

Date	12 November 2022
Team ID	PNT2022TMID34405
Project Name	Machine Learning-Based Predictive Analytics for Aircraft Engine
Team Members	Abishek S (TeamLeader) Jishnu J.B (Member - 1) Madhavan M (Member - 2) Jithu Prasennan (Member - 3)

index.html

```
templates > index.html > html > script > test_pass
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Engine - Test</title>
8   <!-- CSS only
9   col_name = ['id','cycle','set1','set2','set3','s1','s2','s3','s4','s5','s6','s7','s8']+['s9','s10','s11','s12','s13','s14','s15','s16',
10
11   -->
12 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-gH2yIJqKdNHPEq0n4Mqa/HGKI
13 <link rel="stylesheet" href="..\static\css\index.css">
14
15 </head>
16 <body style="overflow-x: hidden;">
17   <div id="hero" class="bg-dark">
18     <div>
19       <marquee><h2>PREDICTIVE ANALYSIS FOR AIRCRAFT ENGINE</h2>
20       <h2>USING MACHINE LEARNING</h2></marquee>
21     </div>
22   </div>
23   <div class="formd row">
24     <div class="col-md-3"></div>
25     <div class="col-md-6" style="text-align: center;">
26       <form action="result" method="post" >
27         <span style="color: ■ rgb(201, 157, 207);"><h5>Enter Engine Parameters</h5></span>
28         <div class="row text-center">
29           <div class="col-md-4">
30             <div class="mb-3" style="color: ■ white;">
31               <input name="id" step="any" type="number" class="form-control" id="id" placeholder="Engine ID">
32             </div>
```

```
templates > index.html > html > script > test_pass
33 <div class="mb-3" style="color: ■white;">
34 | <input name="cycle" step="any" type="number" class="form-control" id="cycle" placeholder="Cycle">
35 </div>
36 <div class="mb-3" style="color: ■white;">
37 | <input name="set1" step="any" type="number" class="form-control" id="set1" placeholder="Setting 1">
38 </div>
39 <div class="mb-3" style="color: ■white;">
40 | <input name="set2" step="any" type="number" class="form-control" id="set2" placeholder="Setting 2">
41 </div>
42 <div class="mb-3" style="color: ■white;">
43 | <input name="set3" step="any" type="number" class="form-control" id="set3" placeholder="Setting 3">
44 </div>
45 <div class="mb-3" style="color: ■white;">
46 | <input name="s1" step="any" type="number" class="form-control" id="s1" placeholder="S1">
47 </div>
48 <div class="mb-3" style="color: ■white;">
49 | <input name="s2" step="any" type="number" class="form-control" id="s2" placeholder="S2">
50 </div>
51 <div class="mb-3" style="color: ■white;">
52 | <input name="s3" step="any" type="number" class="form-control" id="s3" placeholder="S3">
53 </div>
54 <div class="mb-3" style="color: ■white;">
55 | <input name="s4" step="any" type="number" class="form-control" id="s4" placeholder="S4">
56 </div>
57 </div>
58 <div class="col-md-4">
59 <div class="mb-3" style="color: ■white;">
60 | <input name="s5" step="any" type="number" class="form-control" id="s5" placeholder="S5">
61 </div>
62 <div class="mb-3" style="color: ■white;">
63 | <input name="s6" step="any" type="number" class="form-control" id="s6" placeholder="S6">
64 </div>
```

```
templates > index.html > html > script > test_pass
65 <div class="mb-3" style="color: ■white;">
66 | <input name="s7" step="any" type="number" class="form-control" id="s7" placeholder="S7">
67 </div>
68 <div class="mb-3" style="color: ■white;">
69 | <input name="s8" step="any" type="number" class="form-control" id="s8" placeholder="S8">
70 </div>
71 <div class="mb-3" style="color: ■white;">
72 | <input name="s9" step="any" type="number" class="form-control" id="s9" placeholder="S9">
73 </div>
74 <div class="mb-3" style="color: ■white;">
75 | <input name="s10" step="any" type="number" class="form-control" id="s10" placeholder="S10">
76 </div>
77 <div class="mb-3" style="color: ■white;">
78 | <input name="s11" step="any" type="number" class="form-control" id="s11" placeholder="S11">
79 </div>
80 <div class="mb-3" style="color: ■white;">
81 | <input name="s12" step="any" type="number" class="form-control" id="s12" placeholder="S12">
82 </div>
83 <div class="mb-3" style="color: ■white;">
84 | <input name="s13" step="any" type="number" class="form-control" id="s13" placeholder="S13">
85 </div>
86 </div>
87 <div class="col-md-4">
88 <div class="mb-3" style="color: ■white;">
89 | <input name="s14" step="any" type="number" class="form-control" id="s14" placeholder="S14">
90 </div>
91 <div class="mb-3" style="color: ■white;">
92 | <input name="s15" step="any" type="number" class="form-control" id="s15" placeholder="S15">
93 </div>
94 <div class="mb-3" style="color: ■white;">
95 | <input name="s16" step="any" type="number" class="form-control" id="s16" placeholder="S16">
96 </div>
```

```
templates > <> index.html > html
96 </div>
97 <div class="mb-3" style="color: white;">
98 | <input name="s17" step="any" type="number" class="form-control" id="s17" placeholder="S17">
99 </div>
100 <div class="mb-3" style="color: white;">
101 | <input name="s18" step="any" type="number" class="form-control" id="s18" placeholder="S18">
102 </div>
103 <div class="mb-3" style="color: white;">
104 | <input name="s19" step="any" type="number" class="form-control" id="s19" placeholder="S19">
105 </div>
106 <div class="mb-3" style="color: white;">
107 | <input name="s20" step="any" type="number" class="form-control" id="s20" placeholder="S20">
108 </div>
109 <div class="mb-3" style="color: white;">
110 | <input name="s21" step="any" type="number" class="form-control" id="s21" placeholder="S21">
111 </div>
112 <div class="mb-3" style="color: white;">
113 | <input name="s22" step="any" type="number" class="form-control" id="s21" placeholder="S22">
114 </div>
115 </div>
116 </div>
117 <center> <input type="submit" class="btn btn-success" value="Evaluate"/></center>
118 </form>
119 </div>
120 <div class="col-md-3"></div>
121 </div>
122 </body>
123
124 </script>
125 </html>
```

Style Sheet:

index.css

```
static > css > # index.css > #hero
1 #hero{
2   width: 102%;
3   height: 18vh;
4   color: white;
5   text-align: center;
6   padding-top: 17px;
7 }
8 .formd{
9   width: 102%;
10  height: 180vh;
11  background: linear-gradient( rgba(0, 0, 0, 0.521), rgba(49, 7, 68, 0.055) ),url(../images/aeroplane.jpg) ;
12  background-position:center top;
13  background-size: cover;
14 }
15 .formd form{
16   margin-top: 10px;
17   width: 100%;
18   padding: 10px;
19 }
20
21 .form-control{
22 | border-radius: 0rem;
23 }
24
25 .btn {
26 --bs-btn-padding-x: 2rem;
27 --bs-btn-padding-y: 0.7rem;
28 --bs-btn-font-family: ;
29 --bs-btn-font-size: 1.5rem;
30 --bs-btn-font-weight: 500;
31 border: var(--bs-btn-border-width) solid #cddb18;
32 --bs-btn-border-radius: 0rem;
33 }
```

```
static > css > # index.css > #hero
34
35 .btn-success {
36   --bs-btn-color: #fff;
37   --bs-btn-bg: #19875400;
38   --bs-btn-border-color: #19875400;
39   --bs-btn-hover-color: #fff;
40   --bs-btn-hover-bg: #c9e111;
41   --bs-btn-hover-border-color: #cfe90a;
42   --bs-btn-focus-shadow-rgb: 60,153,110;
43   --bs-btn-active-color: #fff;
44   --bs-btn-active-bg: #d2f118;
45   --bs-btn-active-border-color: #cfe90a;
46   --bs-btn-disabled-bg: #bfff31c;
47   --bs-btn-border-width: 2.5px;
48 }
49
50 h5{
51   color: #rgb(212 235 21);
52 }
53
```