## **Project Development Phase**

# **Sprint-02**

Date	14 November 2022
Team ID	PNT2022TMID07751
Project Name	Machine Learning-Based Predictive Analytics for Aircraft Engine

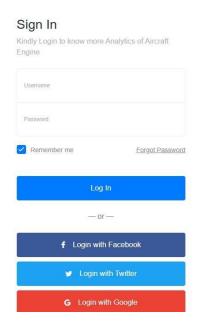
#### LOGIN PAGE

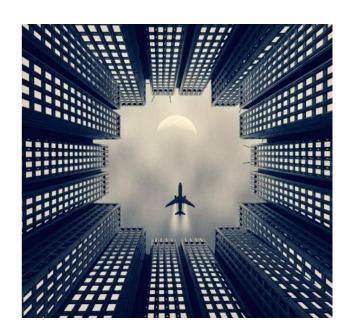
```
<!doctype html>
<html lang="en">
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-</pre>
fit=no">
<link href="../../css.css?family=Roboto:300,400&display=swap"</pre>
rel="stylesheet">
<link rel="stylesheet" href="style.css">
<title>Login - Analytics of Aircraft Engine</title>
</head>
<body>
<div class="d-lg-flex half">
<div class="bg order-1 order-md-2" style="background-image:url(images2.jpg) ">
</div>
<div class="contents order-2 order-md-1">
<div class="container">
<div class="row align-items-center justify-content-center">
<div class="col-md-7">
<div class="mb-4">
<h3>Sign In</h3>
Kindly Login to know more Analytics of Aircraft Engine
</div>
<form action="index.html" method="post">
<div class="form-group first">
<label for="username">Username</label>
<input type="text" class="form-control" id="username">
</div>
```

```
<div class="form-group last mb-3">
<label for="password">Password</label>
<input type="password" class="form-control" id="password">
</div>
<div class="d-flex mb-5 align-items-center">
<label class="control control--checkbox mb-0"><span class="caption">Remember
me</span>
<input type="checkbox" checked="">
<div class="control indicator"></div>
</label>
<span class="ml-auto"><a href="Registration_form.html" class="forgot-</pre>
pass">Forgot Password</a></span>
</div>
<input type="submit" value="Log In" class="btn btn-block btn-primary">
<span class="d-block text-center my-4 text-muted">&mdash; or &mdash;</span>
<div class="social-login">
<a href="#" class="facebook btn d-flex justify-content-center align-items-</pre>
center">
<span class="icon-facebook mr-3"></span> Login with Facebook
<a href="#" class="twitter btn d-flex justify-content-center align-items-</pre>
<span class="icon-twitter mr-3"></span> Login with Twitter
</a>
<a href="#" class="google btn d-flex justify-content-center align-items-</pre>
center">
<span class="icon-google mr-3"></span> Login with Google
</a>
</div>
</form>
</div>
</div>
</div>
</div>
</div>
<script src="js/jquery-3.3.1.min.js"></script>
<script src="js/popper.min.js bootstrap.min.js</pre>
main.js.pagespeed.jc.Vt7wU8Lu0X.js"></script><script>eval(mod_pagespeed_0b1_Km
g$jD);</script>
<script>eval(mod_pagespeed_PJMCVsgS1e);</script>
<script>eval(mod_pagespeed_UyIpQDLL2G);</script>
<script defer=""</pre>
src="../../../beacon.min.js/vaafb692b2aea4879b33c060e79fe94621666317369993"
integrity="sha512-
@ahDY1866UMhKuYcW078ScMalXqtFJggm7TmlUtp0UlD4eQk0Ixfnm5ykXKvGJNFjLMoortdseTfsR
T8oCfgGA==" data-cf-
beacon='{"rayId":"76557784ebd96ec2","token":"cd0b4b3a733644fc843ef0b185f98241"
,"version":"2022.11.0","si":100}' crossorigin="anonymous"></script>
```

```
</body>
```

#### WEB PAGE OUTPUT





#### **DASHBOARD**

```
href="./assets/style/style.css?v=7.1.7" rel="stylesheet"
type="text/css">
                   <script
src="./assets/plugins/jquery/dist/jquery.min.js?v=7.1.7"
type="application/javascript"></script><script</pre>
src="./assets/plugins/tether/dist/js/tether.min.js?v=7.1.7"
type="application/javascript"></script><script</pre>
src="./assets/plugins/popper.js/dist/umd/popper.min.js?v=7.1.7"
type="application/javascript"></script><script</pre>
src="./assets/plugins/bootstrap/dist/js/bootstrap.min.js?v=7.1.7"
type="application/javascript"></script><script src="./assets/plugins/perfect-</pre>
scrollbar/dist/perfect-scrollbar.js?v=7.1.7"
type="application/javascript"></script><script src="./assets/plugins/tiny-</pre>
slider/dist/tiny-slider.js?v=7.1.7"
type="application/javascript"></script><script</pre>
src="./assets/js/custom.js?v=7.1.7" type="application/javascript"></script>
    <link rel="stylesheet"</pre>
href="https://fonts.googleapis.com/css?family=Poppins:300,400,500,600,700">
</head>
<body>
<div class="wrapper">
<section class="section section--header" >
    <div class="content">
    </div>
</section>
<section class="section">
    <div class="content">
        <div class="main-menu-wrap">
            <div class="main-menu-wrap">
            <div class="main-menu">
                 <a class="main-link active" href="index.html" target=""</pre>
title="Dashboard">Dashboard</a>
                 <a class="main-link" href="overview.html" target=""</pre>
title="Overview">Overview</a>
                 <a class="main-link" href="toe.html" target=""</pre>
title="Preview">Aircraft Engine Models</a>
                 <a class="main-link" href="efs.html" target=""</pre>
title="Preview">Aircraft Engine Failures</a>
                 <a class="main-link"
href="https://www.google.com/maps/search/nearest+airport/" target=""
title="Preview">LAND NOW</a>
                 <a class="main-link" href="login.html" target=" blank"</pre>
title="Signout">Sign out</a></div>
        </div>
        </div>
    </div>
</section>
```

```
<div style="background: #F9F4EE;">
   <section class="section section--white">>>
    <div class="content">
       <div class="contents">
           <div class="contents sidebar contents sidebar--mn fixedsticky</pre>
sidebar-hide">
               <a data-toggle="tab" href="#tab1" role="tab"</a>
class="nav-link active">Our Plan</a>
                  </div>
           <div class="tab-content contents_box contents box--right"><!--</pre>
              <div id="tab1" class="contents box tab tab-pane fade in show</pre>
active">
                  <h3 class="title h3">Dashboard</h3><br>
                  <a data-toggle="collapse" data-</pre>
parent="#accordion1" href="#general1" aria-expanded="true" aria-
controls="collapseOne">
                              <div class="accordion item top">
                                 <h4>Our Plan</h4>
                                 <i class="accordion__item_top_icon"></i></i>
                              </div>
                          </a>
                          <div id="general1" class="collapse show"
role="tabpanel" aria-labelledby="headingOne"> <br>
                                 Engine failure is highly risky and needs a
lot of time for repair. Unexpected failure leads to loss of money and time.
Predicting the failure prior will save time, effort, money and sometimes even
lives. The failure can be detected by installing the sensors and keeping a
track of the values. The failure detection and predictive maintenance can be
for any device, out of which we will be dealing with the engine failure for a
threshold number of days.
                             The project aims to predict the failure of
an engine by using Machine Learning to save loss of time & money thus
improving productivity.
                              <img src="assets/img/dashboard.jpg">
                          </div>
                      </div>
```

### WEB PAGE OUTPUT

#### Our Plan

Engine failure is highly risky and needs a lot of time for repair. Unexpected failure leads to loss of money and time. Predicting the failure prior will save time, effort, money and sometimes even lives. The failure can be detected by installing the sensors and keeping a track of the values. The failure detection and predictive maintenance can be for any device, out of which we will be dealing with the engine failure for a threshold number of days.

The project aims to predict the failure of an engine by using Machine Learning to save loss of time & money thus improving productivity.

