Ideation Phase

Brainstorm & Idea Prioritization

Date	14 November 2022
Team ID	PNT2022TMID522013
Project Name	Machine Learning-Based Predictive Analytics for Aircraft Engine
Max Marks	4 Marks

Brainstorm & Idea Prioritization

Machine Learning-Based Predictive Analytics for Aircraft Engine

- **Janani M (LEADER)**
- **Hari Shankar S M**
- **Surya M**
- **Sujitha A J**

Engine runtime Prediction

Now a days industries are facing major problems with engines runtime prediction. so we are going to make it easier with the help of machine learning techniques

Problem

How we are going to predict the working time of aircraft engine for a particular interval of time?

Brainstorm

Now we are going to share our ideas with a sticky note to address to have a solution on problem

Janani

Study Machine learning concepts	Getting solution about problem
Predict the engine condition using the ML methods	Test and Validate the model

Hari

Knowlwdge about fight data	Study about problem solution
Monitoring Weather Condition	Checking fight condition

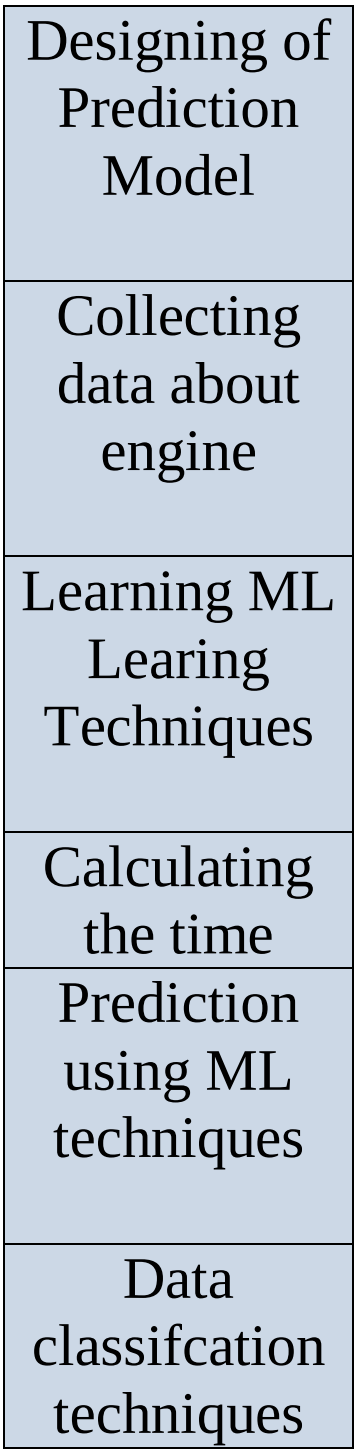
Surya

check engine capacity	Study about the data
Gather the related models	Getting solution about problem

Sujitha

Prepare the solution Architecture	Learn ML learing methods
Design the user interface	Create application using fask

Flow Diagram



Prioitization