























## *Project Folder Structure*

DATE	20 November 2022
TEAM ID	PNT2022TMID35478
PROJECT TITLE	Machine Learning-Based Predictive Analytics for Aircraft Engine

- **"templates"** folder has the HTML pages stored in it.
- **"app.py"** is the python script for server-side computing.
- **"debug.log"** and **"engine\_model.sav"** are the model files that are to be built.
- **"Engine-Train.ipynb"** is the training notebook and Engine-Test. ipynb is the testing notebook.
- **"index.html"** is the home page that should be used for initiating the application.
- **"truth.txt, train.txt & test.txt"** files are the datasets

- >  .ipynb\_checkpoints
- ✓  Dataset
  - |  PM\_test.txt
  - |  PM\_train.txt
  - |  PM\_truth.txt
- ✓  Flask
  - >  assets
  - >  templates
    - |  app.py
    - |  deployment.py
    - |  engine\_model.pkl
    - |  engine\_model.sav
    - |  IBM\_Deployment.ipynb
    - |  index.html
  - | {..} apikey.json
  - |  Damage Propagation Modeling.pdf
  - |  engine\_model.pkl
  - |  engine\_model.sav
  - |  Flask.zip
  - |  Prognostics-Test.ipynb
  - |  Prognostics-Train.ipynb
  - |  README.md
  - |  SentientData.zip