

**Project Design Phase-I**  
**Solution Architecture**

<b>Date</b>	25 October 2022
<b>Team ID</b>	PNT2022TMID10242
<b>Project Name</b>	Developing a flight delay prediction model using Machine learning
<b>Maximum Marks</b>	2 Marks

### **Solution Architecture:**

The below diagram illustrates the architecture of the solution proposed for the development of flight delay prediction using Machine Learning. The programming Language that we used to analyze the data and build the machine language is Python programming language. The Reason for using the Python programming language is as it is easier interpreted language and easier to work on several built-in function that is user-friendly which makes us easy to develop and import the Machine Learning Algorithms for our project. Python will provide the output fast as any other language. The Web Application will be built using the Flask Framework. The Flask is an Python Framework that can be used to build Web Applications.

## Solution Architecture -PNT2022TMID10242

