**Airline Passenger Satisfaction Prediction**

#### **Needs:**

We are trying to build a model that’s predict the Airline Passenger Satisfaction which is an important model that serve many airlines so they can improve their services to meet their passenger needs hence they can get more reservations and profit.

#### **Data Description:**

We are planning to use a dataset from an open data website it is called Kaggle. This dataset is obtained from a survey in US airline passengers that ask them if they were satisfied or not, so our target is to predict the passenger’s satisfaction from multiple features like class, Inflight wifi service and Gate location and many feature we will talk about it in detail.

#### **Tools:**

We are planning to use some tools from python packages to help us to analyse and visualize the data. We intend to use Numpy and Pandas for data manipulation also Scikit-learn for modelling, Matplotlib and Seaborn for plotting.

#### **MVP Goal:**

We are going to explore the data and check if there are needed process to clean it then will visualize the data and check the correlations between the features and the target variable then we will start the modelling process.