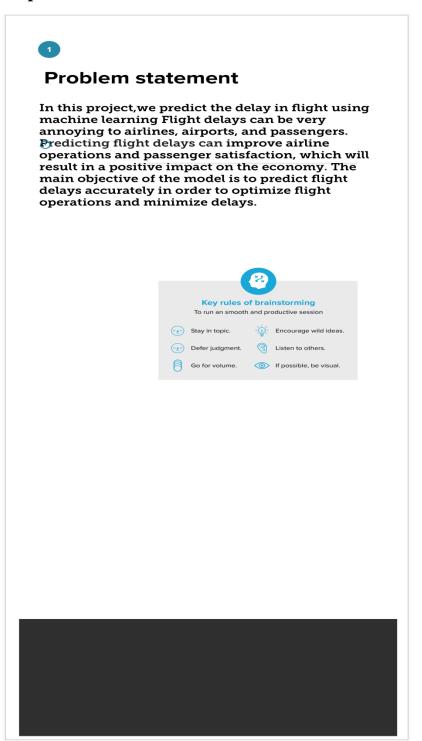
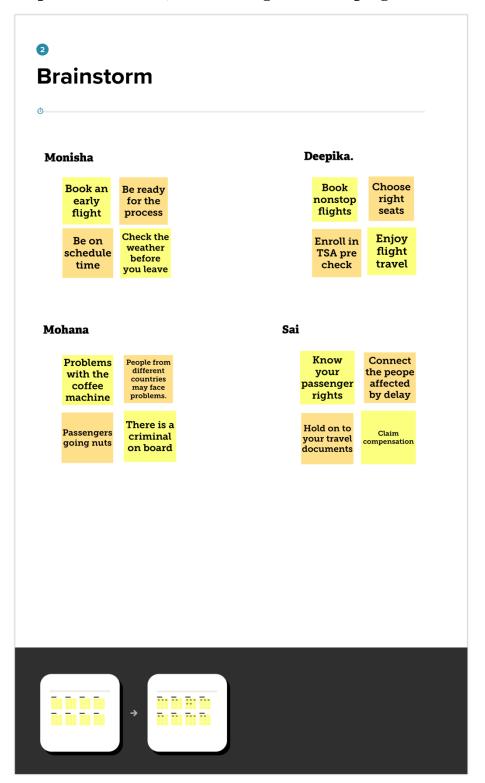
Ideation Phase Brainstorm & Idea Prioritization Template

Date	14 October 2022
Team ID	PNT2022TMID01346
Project Name	Developing a Flight Delay Prediction
	Model using Machine Learning
Maximum Marks	4 Marks

Step-1: Problem Statement



Step-2: Brainstorm, Idea Listing and Grouping



Group ideas

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User interacts
with the UI
(User
Interface) to
enter Data.

The entered data is analyzed by the model which is integrated.

Once model analyses the input the prediction is showcased on the UI.

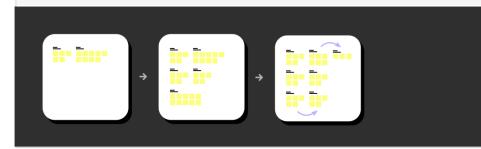
To accomplish this, we have to complete all the activities and tasks like Data collection, Data preprocessing, Model building, Application building.

In the Data collection process we collect the dataset or create the dataset.

And in the next process that is Data preprocessing, we have to Import the Libraries, dataset, Check for Null Values, Data Visualization.

Taking care of Missing Data, Label encoding and One Hot Encoding, Feature Scaling, Splitting Data into Train and Test. An accurate estimation of flight delay is critical for airlines because the results can be applied to increase customer satisfaction and incomes of airline agencies.

Therefore, predicting flight delays can improve airline operations and passenger satisfaction, which will result in a positive impact on the economy.



Step-3: Idea Prioritization

