

Project Design Phase-I
Proposed Solution Template

Date	28-10-2023
Team ID	Team-592860
Project Name	Airline review classification using machine learning
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Airline review classification using machine learning
2.	Idea / Solution description	Clean and preprocess the data, followed by the application of diverse machine learning algorithms to achieve high classification accuracy.
3.	Novelty / Uniqueness	Implement advanced techniques such as aspect-based segment analysis, entity recognition, and temporal analysis to enhance classification performance.
4.	Social Impact / Customer Satisfaction	Improve customer experience, prioritize environmental considerations, and contribute to job creation and retention.
5.	Business Model (Revenue Model)	Offer premium features to subscribers and provide airlines with data insights through enterprise solutions.
6.	Scalability of the Solution	Ensure scalability by leveraging cloud infrastructure, distributed computing, and containerization technologies.