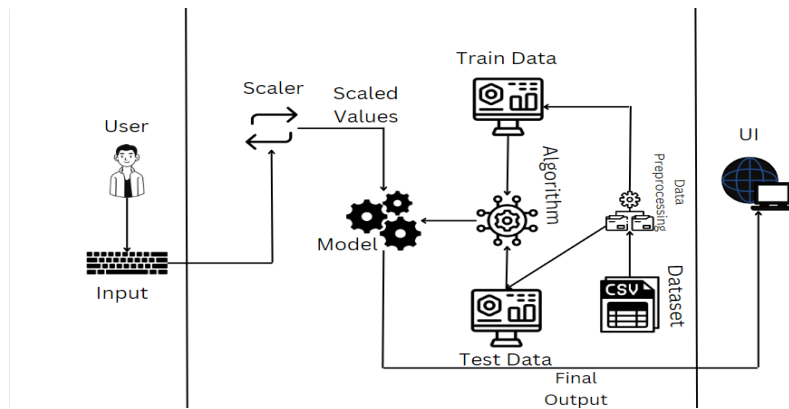


Project Design Phase-III Technology Stack (Architecture & Stack)

Date	01 November 2023
Team ID	591-581
Project Name	Travel Insurance Prediction
Maximum Marks	4 Marks

Technical Architecture:



Example:

1. The user interface that is used in this project is Web.
2. We had used gradient Booster algorithm in this project.
3. There are no external interfaces (third party API's etc.)
4. Previous input is shown while typing inputs in the website
5. We had trained the model with gradient booster algorithm.

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Web UI	HTML, CSS, JavaScript
2.	Application Logic-1	Used Gradient Booster in the backend	Python
3.	Database	None	None
4.	External API-2	None	None
5.	Machine Learning Model	Gradient Booster Model	Gradient Booster model

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Flask	Python
2.	Security Implementations	In order to handle high values these high values are converted into scaled values.	Min-Max Scalar.
3.	Availability	Load Balancers are not used.	None
4.	Performance	Can handle multiple requests per second, uses very small amount of cache.	None