Technology Architecture

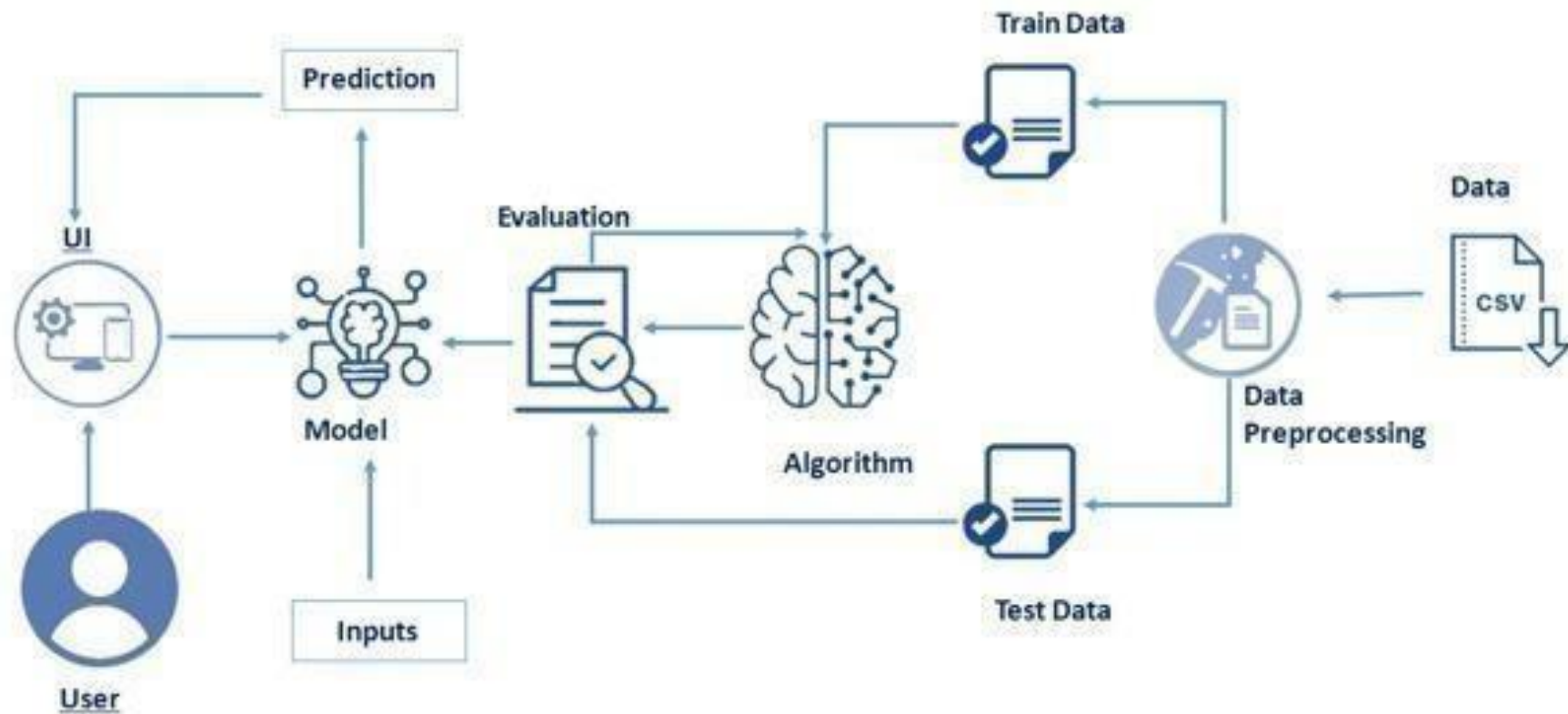| Date	18 October2022
Team ID	PNT2022TMID35628
Project Name	Project–University Admit Eligibility Predictor
Maximum Marks	4 Marks

Technical Architecture:

Table-1: Components &Technologies:

S.No	Component	Description	Technology
1	User Interface	The Front-end part of the application	HTML, CSS
2	Libraries	Import Libraries into data	Numpy, Pandas, Seaborn, Matplotlib
3	File Storage	File storage requirements	Local File System
4	Machine Learning Model	Purpose of Machine Learning Model	Admission Prediction Model
5	Training and testing data	Purpose of training and testing data	Decision Tree algorithm
6	Accuracy	Accuracy of the tested and trained data	Score
7	Infrastructure	Cloud Local Server Configuration	Local

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technologies Used
1	Open-Source Frameworks	List the open-source frameworksused	Flask Framework
2	Scalable Architecture	Many computations can be done ina time saving and effective way	Decision Tree
3	Availability	Our web application is available at any time and at any place	IBM Load Balancer
4	Performance	As Decision Tree is applied todevelop the performance will be more effective	Decision Tree