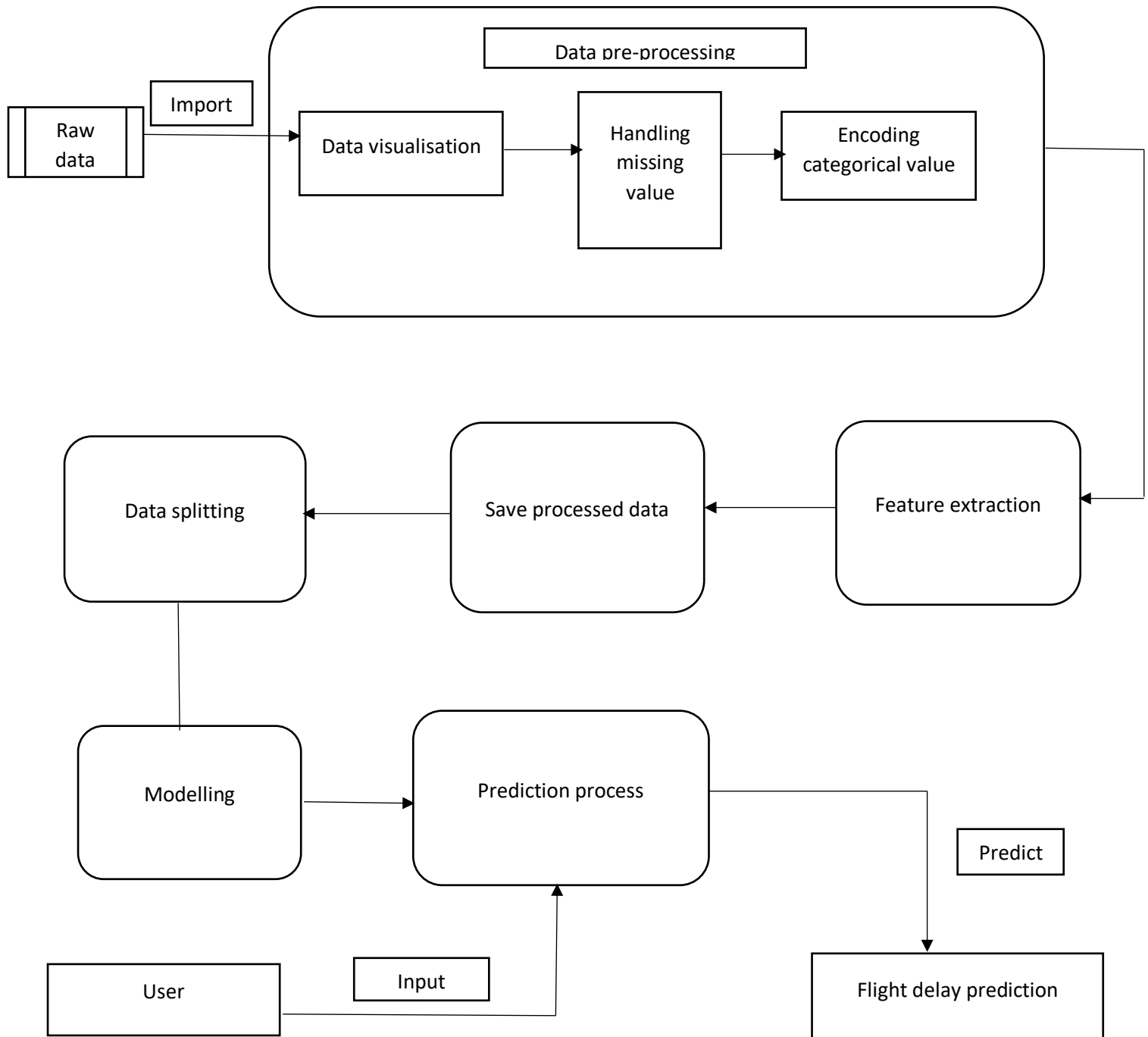| Date	04-11-2022
Team Id	PNT2022TMID27775
Project Name	Developing a flight delay prediction model using Machine Learning
Maximum marks	4 marks

TECHNICAL ARCHITECTURE:

Table-1: Components & Technologies:

S.No	Component	Description	Technology
1	USER INTERFACE	How user interacts with application (UI)	HTML,CSS, JavaScript
2	APPLICATION LOGIC-1	Develop, train and find best ML model	Python
3	APPLICATION LOGIC-2	Deploy best ML model	IBM Watson
4	APPLICATION LOGIC-3	Integrating ML model with flask web app	IBM Watson, flask, python
5	DATABASE	Structured data	MySQL
6	CLOUD DATABASE	Database Service o cloud	IBM DB2
7	FILE STORAGE	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem
8	INFRASTRUCTURE(SERVER/ CLOUD)	Application deployment on cloud	Cloud foundry, Kubernetes

Table-2: Application Characteristics:

S.No	Component	Description	Technology
1	Open-Source Frameworks	List the open-source frameworks used	Micro framework ,HTML, CSS
2	Scalable Architecture	3-tier, micro-service	Relational database, cloud, GUI
3	Availability	The website will be available in all regions	IBM cloud
4	Performance	100 per second	IBM Watson app service