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

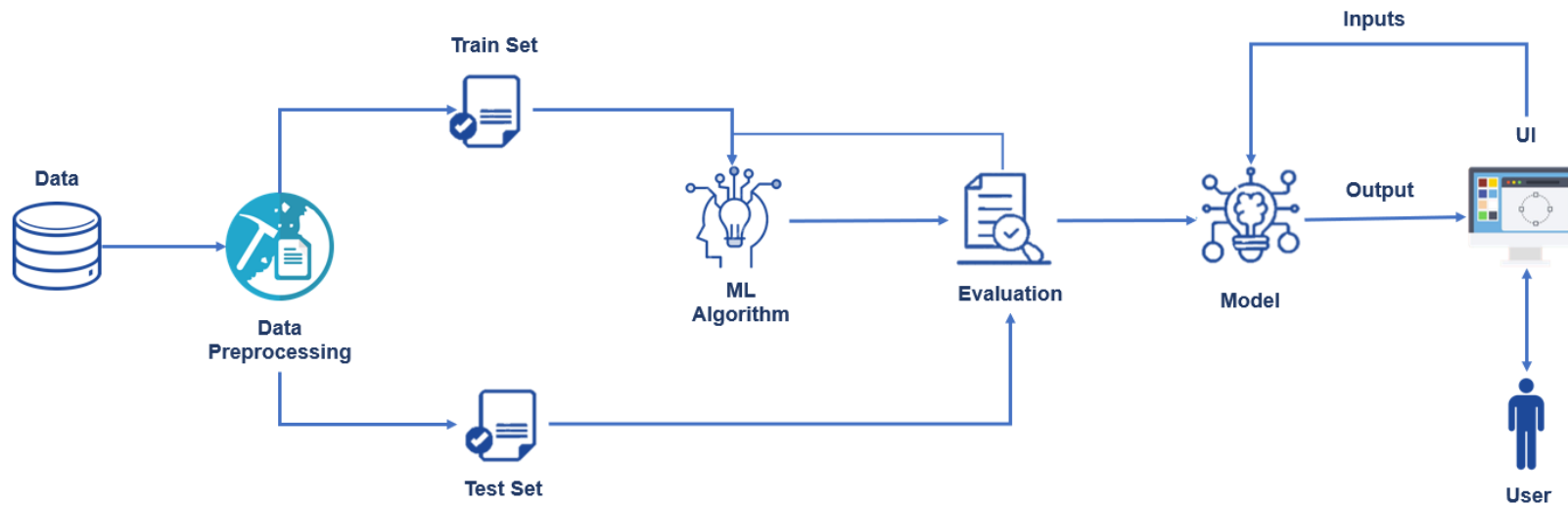| Date	3 October 2022
Team ID	PNT2022TMID50723
Project Name	Project – Car Resale Value Prediction
Maximum Marks	4 Marks

Car Resale Value Prediction

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	The user interact with an web application	HTML, CSS, JavaScript
2.	Application Logic-1	Upload image in an application	Python
3.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant etc.
4.	Machine Learning Model	Using Machine Learning Model the input will be recognized	Object Recognition Model, etc.
5.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Cloud Server Configuration :	Local, Cloud Foundry, Kubernetes, etc.

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	Technology of Opensource framework
2.	Security Implementations	List all the security / access controls implemented, use of firewalls etc.	e.g. SHA-256, Encryptions, IAM Controls, OWASP etc.
3.	Scalable Architecture	Justify the scalability of architecture (3 – tier, Micro-services)	Technology used
4.	Availability	Justify the availability of application (e.g. use of load balancers, distributed servers etc.)	Technology used
5.	Performance	The system responds to the user in a second and the hardware and software works well.	Technology used