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

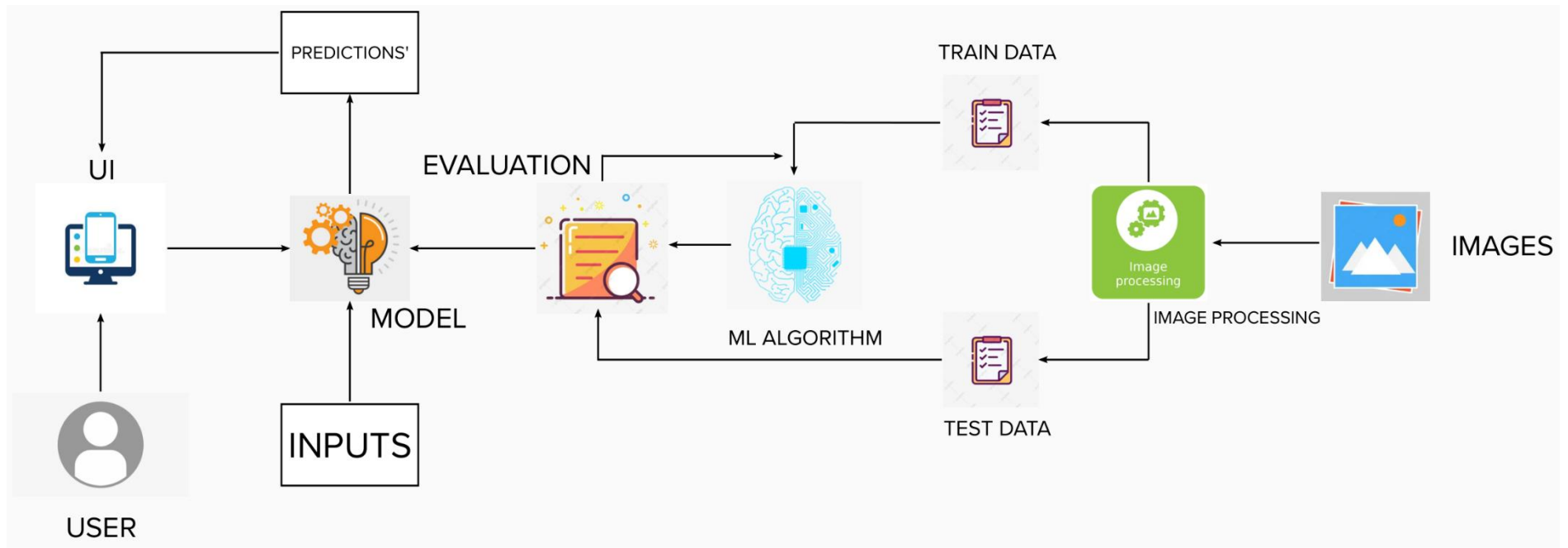|	
DATE	28 OCTOBER 2022
TEAM ID	PNT2022TMID09983
PROJECT NAME	Detecting Parkinson's Disease using Machine Learning
MAXIMUM MARKS	4 MARKS

Table-1: Components & Technologies:

S.NO	Component	Description	Technology
1	User Interface	How user interacts with application e.g. Web UI	HTML, CSS, Python Flask
2	Application Logic	Logic for a process in the application	Python
3	Database	Data Type, Configurations etc	Kaggle dataset
4	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant,etc.
5	Machine Learning Model	Purpose of Machine Learning Model	Image Processing

Table-2: Application Characteristics:

S.NO	Characteristics	Description	Technology
1	Scalability	Random forest and HOG are highly scalable	Technology used
2	Availability	Using this model early detection is possible, as there is no cure for Parkinson's disease	Technology used
3	Performance	Helps in detecting the severity of the disease.	Technology used

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