

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

Date	17 October 2022
Team ID	PNT2022TMID00774
Project Name	Detecting Parkinson's Disease using Machine Learning
Maximum Marks	4 Marks

Technical Architecture:

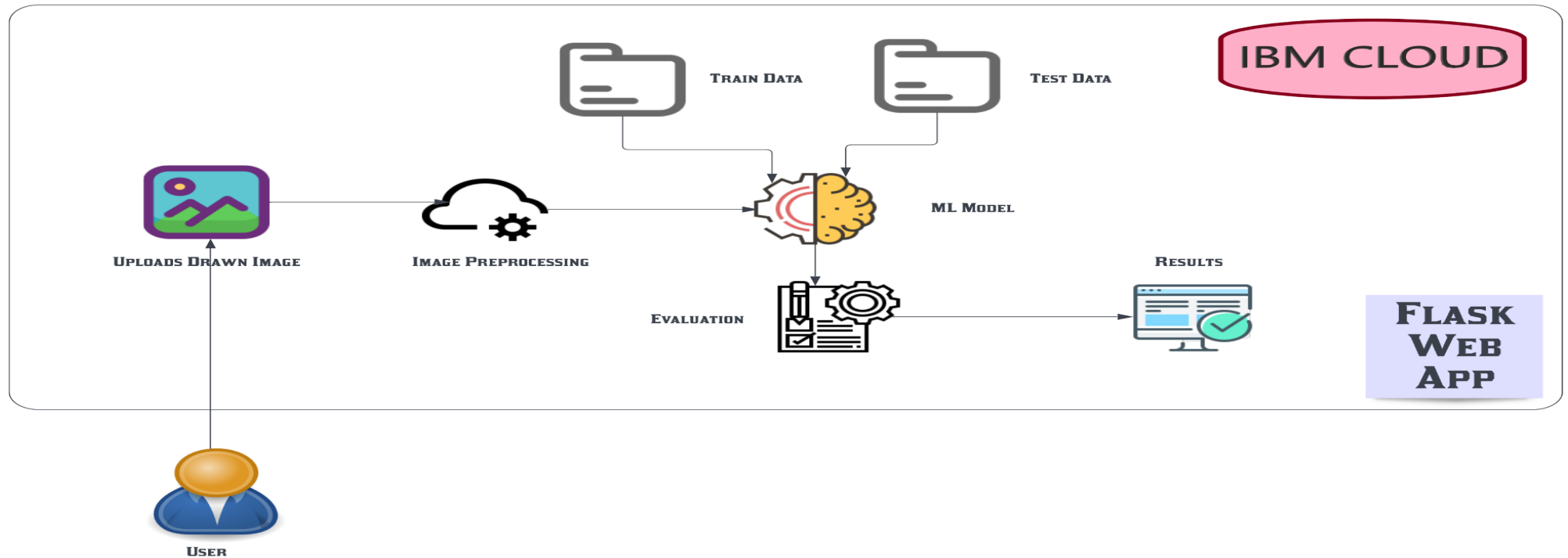


Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Web UI	HTML, CSS, JavaScript
2.	Application Logic-1	Uploading hand drawn image	HTML, JavaScript
3.	Application Logic-2	Image processing and detection	Python
4.	Application Logic-3	Showing Results	HTML, JavaScript
5.	File Storage	File storage requirements	IBM Block Storage
6.	Machine Learning Model	Detecting Parkinson's disease	Parkinson's detection
7.	Infrastructure (Server / Cloud)	Application Deployment on IBM Cloud	Cloud

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Flask - Backend Framework	Python
3.	Scalable Architecture	3-Tire Application	Flask, HTML, CSS, Java

S.No	Characteristics	Description	Technology
4.	Availability	Throughout	IBM Cloud
5.	Performance	Handled by IBM Cloud	IBM Cloud