TEAM ID	PNT2022TMID48554
PROJECT NAME	Gesture Based Tool For Sterile Browsing Of Radiological Images

Presentation Tier | Logic tier | Data tier

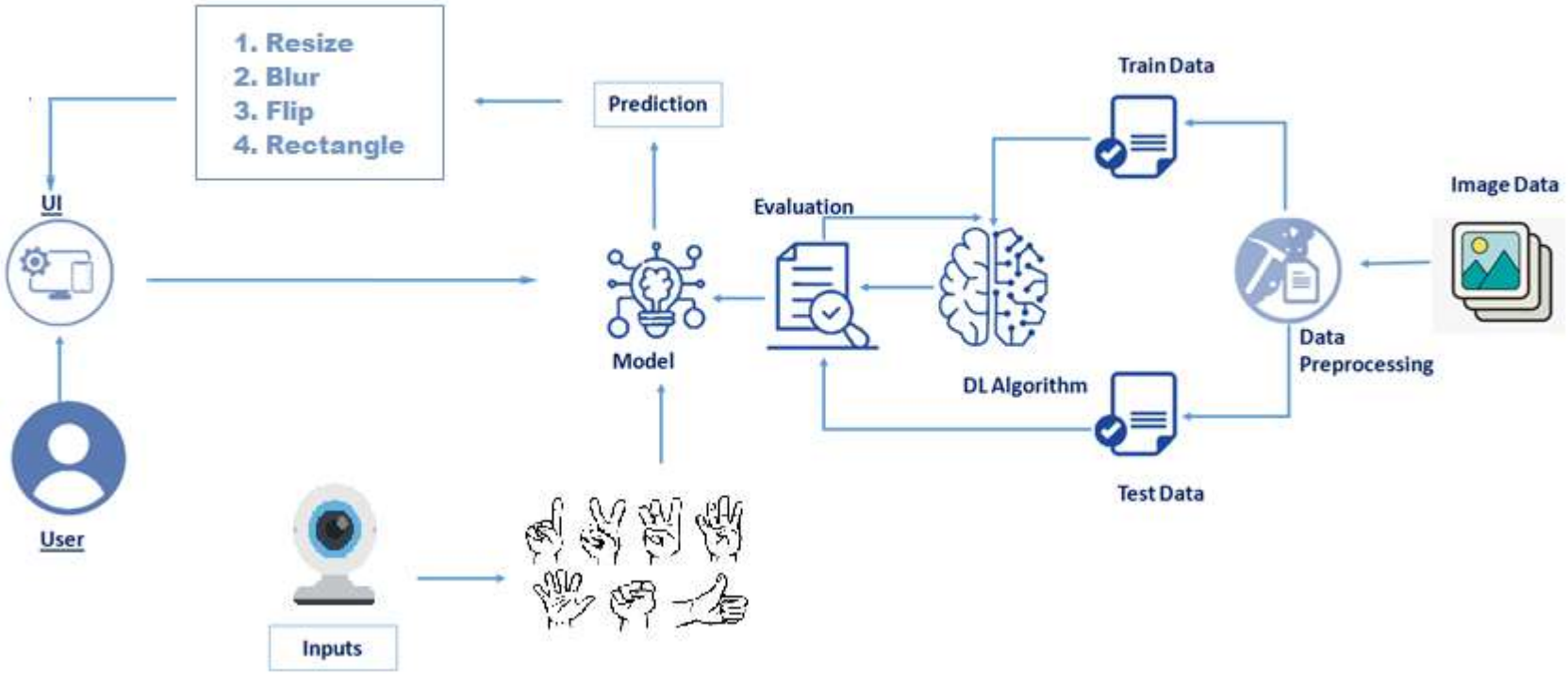

Table-1 : Components & Technologies:

S.NO	COMPONENT	DESCRIPTION	TECHNOLOGY
1	User Interface	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.	HTML, CSS, JavaScript
2	Application Logic-1	Logic for a process in the application	Python
3	Application Logic-2	Logic for a process in the application	IBM Watson assistant
4	Cloud Database	Database Service on Cloud	IBM Cloudant
5	File storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem
6	Machine learning model	Purpose of Machine Learning Model	Hand gesture recognition model
7	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud	Local, Cloud Foundry, Kubernetes

Table-2: Application Characteristics

S.NO	CHARACTERISICS	DESCRIPTION	TECHNOLOGY
1	Scalable Architecture	The scalability of architecture (3 – tier, Micro-services)	3-tier architecture that can be improved
2	Opensource Frameworks	The open-source frameworks used	Flask, TensorFlow frameworks
3	Availability	Availability of application (e.g. use of load balancers, distributed servers etc.)	Fast recognition of gestures increases the availability of resources

4	Performance	Design consideration for the performance of the application (number of requests per sec, use of Cache, use of CDN's) etc.	File size reduction, Proximity of content
6	Security Implementation	the security / access controls implemented, use of firewalls etc.	Use of password