Date	15 October 2022
Team ID	IBM-16743-1659621316
Project Name	Fertilizer recommendation system for disease prediction
Maximum Marks	4Marks

Technology Architecture:

Technology architecture is defined as in reference to computer, software or networks, the overall design of a computing system and the logical and physical interrelationship between it's component.The architecture specifies the hardware, software, access methods and protocols used throughout the system.
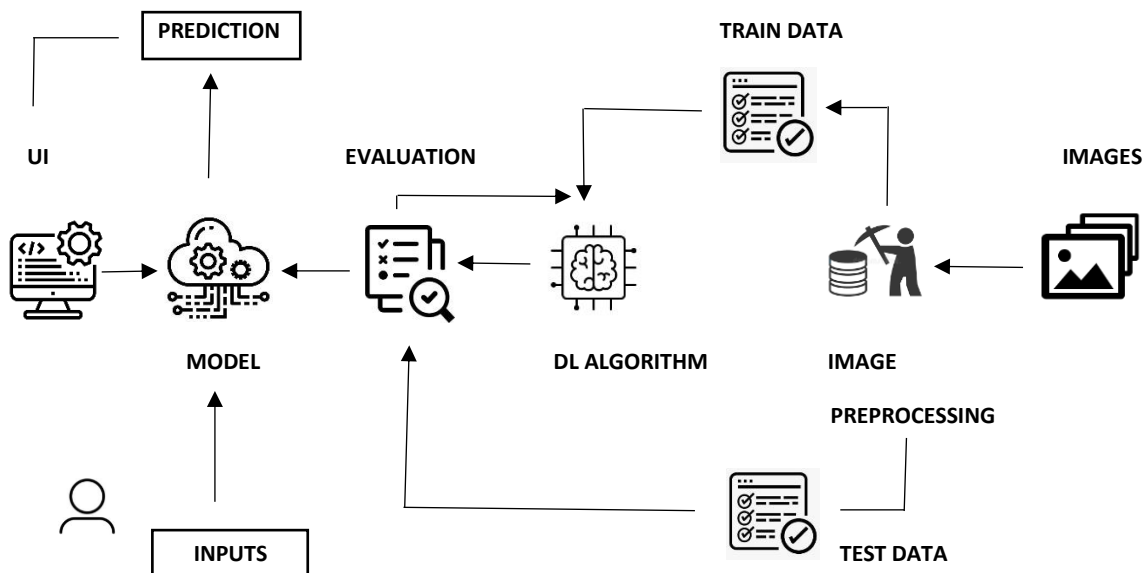
S.NO	COMPONENT	DESCRIPTION	TECHNOLOGY
1.	User interface	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Prediction	Prediction of process in the Application	collaborative-based filtering technique, content-based technique, and hybrid algorithm.
3.	Evaluation	Logic of process in the Application	Java/Python
4.	Database	Data Type, Configurations etc.	MySQL, NoSQL, etc
5.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant etc.
6.	Image Preprocessing	the steps taken to format images before they are used by model training and inference	Python, Pytorch, OpenCV, Keras, Tensorflow, and Pillow.
7.	External API	Purpose of External API used in the application	Aadhar API, etc
8.	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem
9.	Train Data	To train an algorithm or machine learning model to predict the outcome of design	Machine learning algorithms
10.	Machine Learning Model	Purpose of Machine Learning Model	Object Recognition Model, etc.