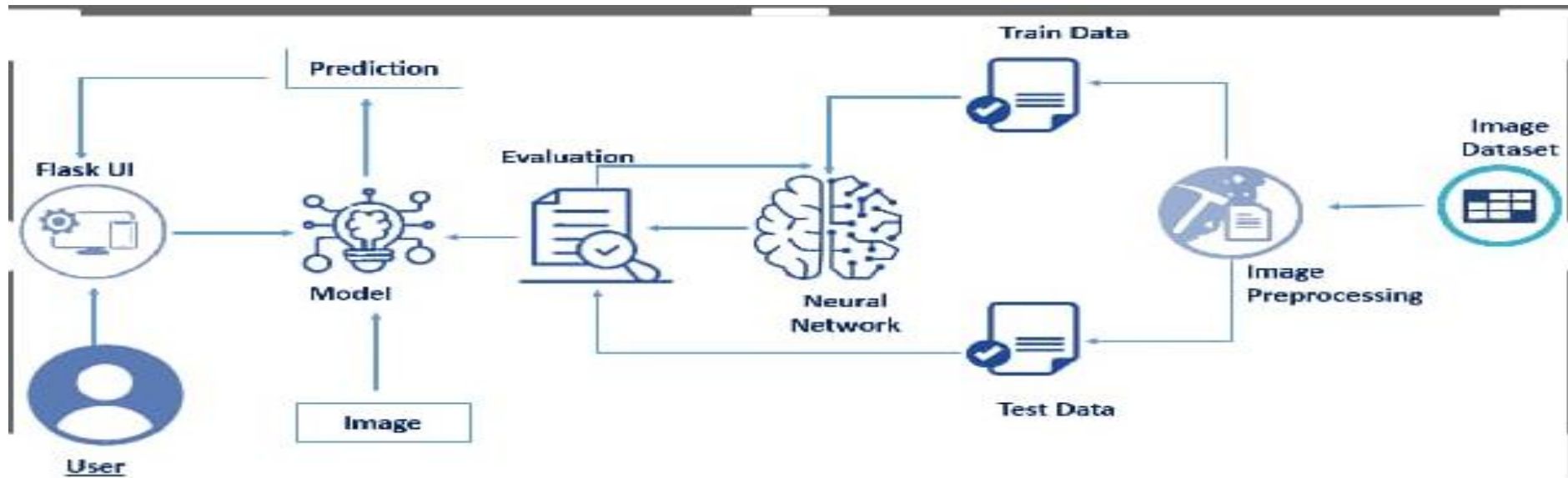


**Project Design Phase-  
II Technology Stack (Architecture & Stack)**

Date	19 October 2022
TeamID	PNT2022TMID47713
ProjectName	Project-Real-Time Communication System Powered by AI for Specially Abled
MaximumMarks	4 Marks

**Technical Architecture:**

The Deliverables below and the information as per the table 1.



**Table1:**

**Components&Technologies:**

S.No	Component	Description	Technology
1.	UserInterface	How user interacts with application e.g.WebUI,MobileApp,Chatbotetc	Flask API
2.	ApplicationLogic-1	Loadthedataset	Pythonflask
3.	ApplicationLogic-2	DeepLearning	ConvolutionalNeuralNetwork, OpenCV

4.	ApplicationLogic-3	Evaluation	Python
5.	CloudDatabase	DatabaseServiceonCloud	IBMDB2,IBMCloudantetc.
6.	FileStorage	Filestoragerequirements	LocalFilesystem
7.	MachineLearning Model	PurposeofMachineLearningModel	Imagerecognition,VideoProcessing
8.	Infrastructure(Server/Cloud)	Application Deployment on Local System / CloudLocalServerConfiguration:	Local