Project Design Phase-II

Technology Stack (Architecture & Stack)

Date	16 October 2022
Team ID	PNT2022TMID39809
Project Name	Natural disasters intensity analysis and classification using artificial intelligence
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

TECHNOLOGY STACK
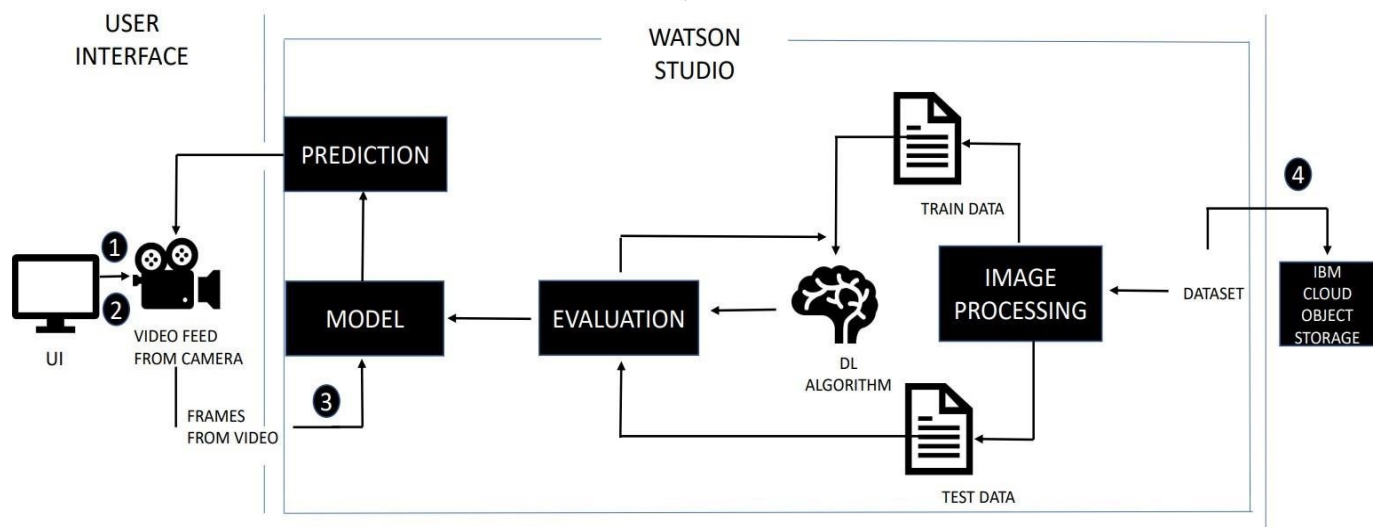
S.No	Component	Description	Technology
	User Interface	User views the prediction of natural disaster on the website	HTML, CSS, JavaScript
	Application Logic-1	Deployment	Python Flask
	Application Logic-2	Training and building deep learning model	
	File Storage	To store dataset	IBM Watson Studio
	Machine Learning Model	To classify the natural disaster	IBM Cloud Object Storage

	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Python Flask Cloud Server Configuration: Cloud Foundry	Object Recognition Model