Project Design Phase-II

Technology Stack (Architecture & Stack)

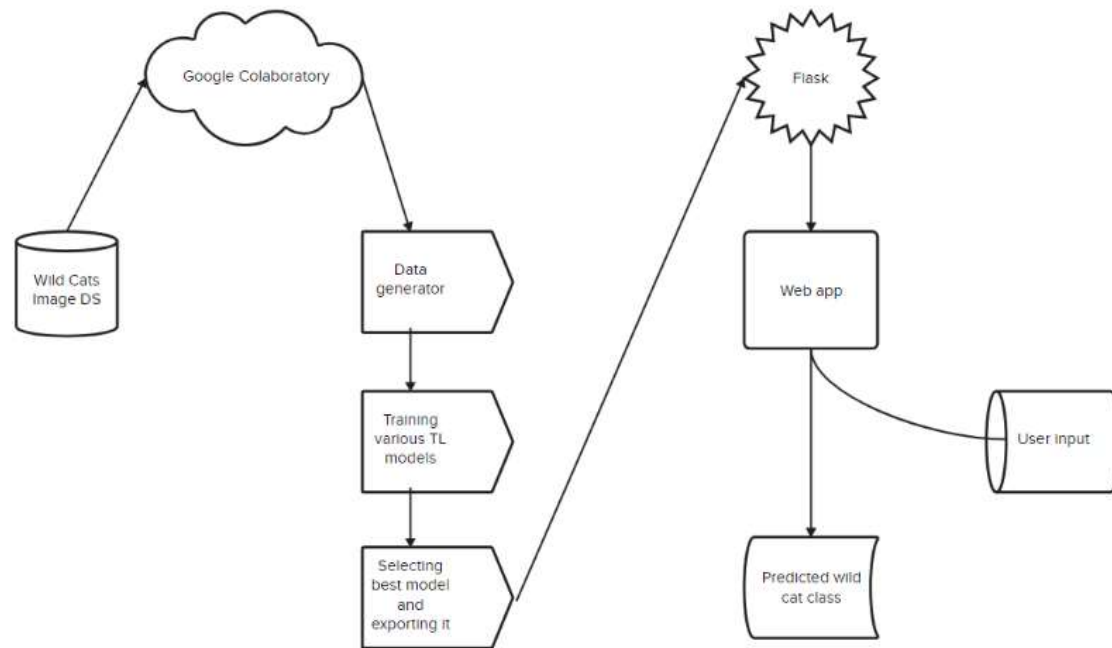| Date	October 2023
Team ID	Team-592617
Project Name	Jungle Detectives: AI-Powered Image Classification of Wild Big Cats
Maximum Marks	4 Marks

Technical Architecture:

Table-1: Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	How user interacts with application e.g. Web UI	HTML, CSS, JavaScript
2.	Application Logic-1	Logic for a process in the application	Python, Flask
3.	Cloud Database	For storing the collected image dataset	Google drive
4.	File Storage	File storage requirements	Local Filesystem
5.	Infrastructure (Server / Cloud)	For training Machine learning model	Google Colaboratory

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	TensorFlow, Bootstrap, Flask