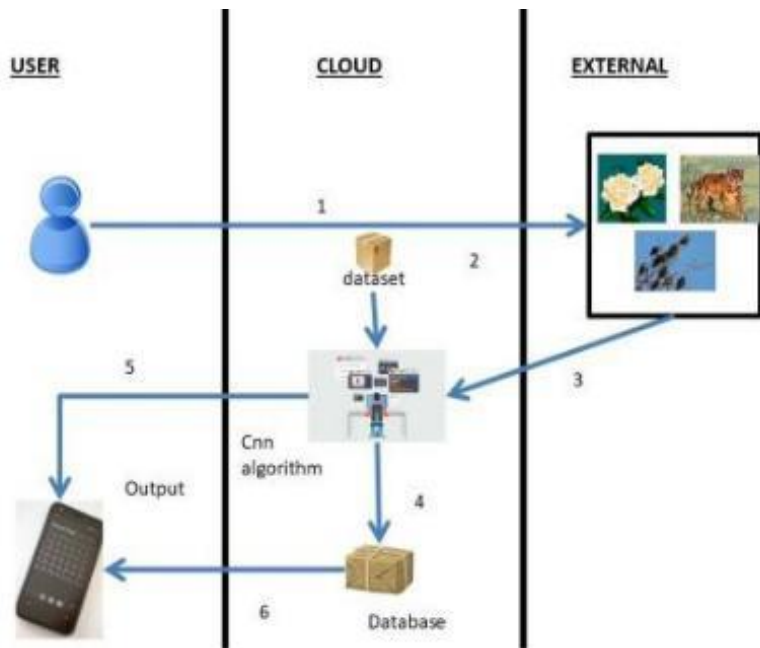# Project Design Phase-II
Data Flow Diagram & User Stories

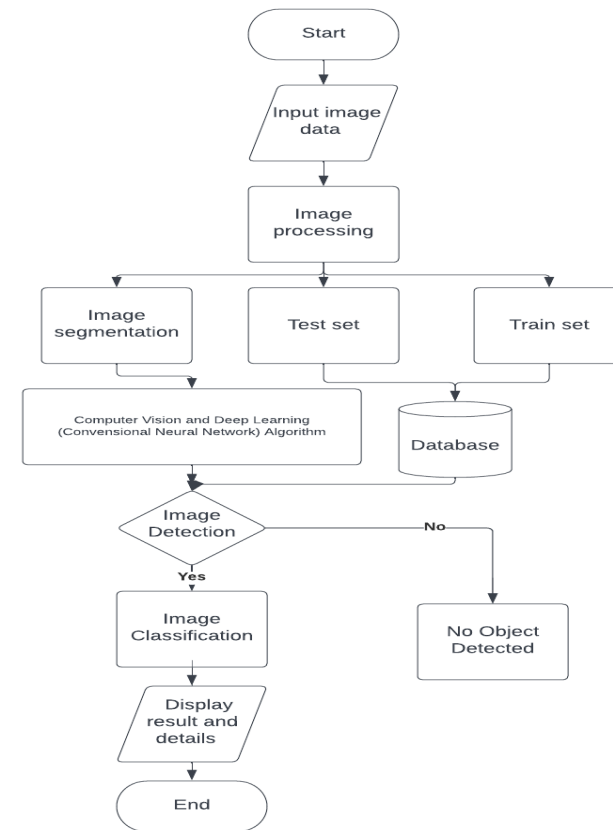| Date	12 October 2022
Team ID	PNT2022TMID18406
Project Name	Project- Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	4 Marks

Data Flow Diagrams:

DFD LEVEL 0 (Industry standard)

1. User captures photo using camera
2. Dataset contains photos that are used for training and testing
3. Photo is sent to cnn for classification and processing based on dataset
4. Processed image is checked with database for additional info
5. Photo from CNN algorithm is sent to the user
6. Matching data from database is sent to the user

User Stories

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User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority
Customer (Mobile user)	Image capture	USN-1	As a user, I can take photos of the plant life, animals and birds	I can take photos when required	High
		USN-2	As a user, I will receive processed information about the type of species	I can see the type of plant or animal or plant	High
		USN-3	As a user, I can share it with others	I can share using share option	Low
	Data process	USN-4	Data must be trained and tested and CNN algorithm must work properly.	I must see the correct processed information	High
	Output	USN-5	As a user, I can see the scientific name of the species	I must see the correct data	High
		USN-6	As a user, I can see the characteristics and alert messages	I must see the correct data	High
Administrator	Manage	USN-1	As a admin I must add various data and edit information	I must edit the data present	High