Project Design Phase-II
Data Flow Diagram & User Stories

| Date	21 October 2022
Team ID	PNT2022TMID23849
Project Name	Project- Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	4 Marks

Data Flow Diagrams:

Example: (Simplified)

DFD LEVEL 0 (Industry standard)
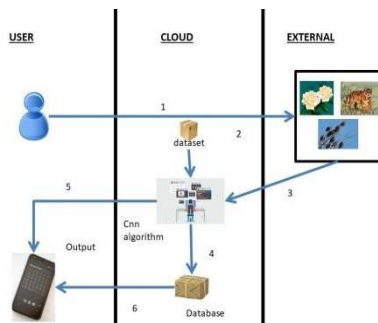
1. The user takes a picture with a camera
2. The dataset includes images used in training and testing.
3. CNN receives a photo for classification and processing using a dataset.
4. The processed image is examined for further information in the database.
5. A CNN algorithm-generated image is delivered to the user
6. The user is sent matching data from the database.
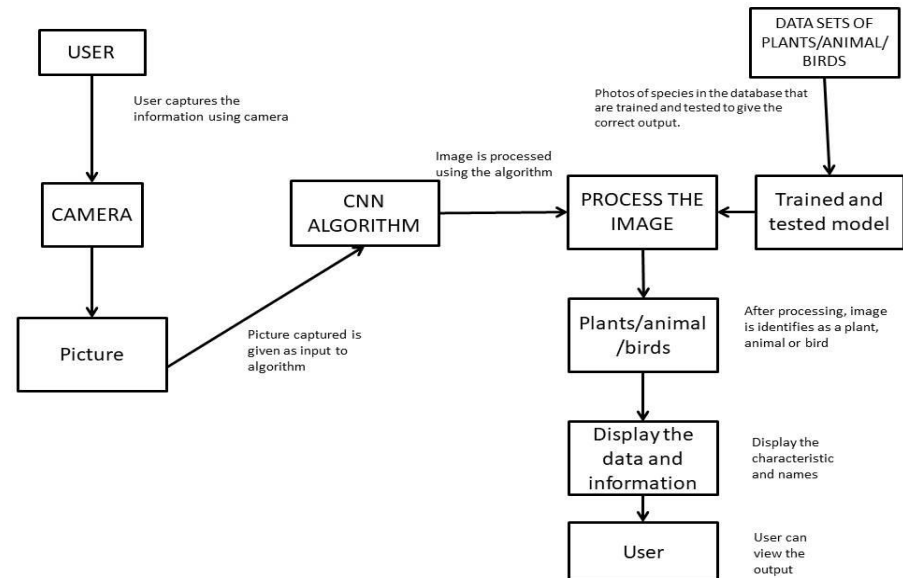
User Stories

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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	I can use it to snap pictures of the birds, animals, and plants.	I can take pictures if necessary.	High
		USN-2	I will get processed information on the species type as a user.	I can identify the species of plant, animal, or insect.	High
		USN-3	As a user, I can share it with others	I may use the share option to share.	Low
	Data process	USN-4	The CNN algorithm must function well and the data must be taught and evaluated.	I must see the accurate processed data.	High
	Output	USN-5	I can view the species' scientific name as a user.	I must see accurate statistics.	High
		USN-6	I can view the features and alert messages as a user.	I must see accurate statistics.	High
Administrator	Manage	USN-1	I have to upload various data as an admin and change information.	I have to change the current data.	High