Project Design Phase-II
Data Flow Diagram & User Stories
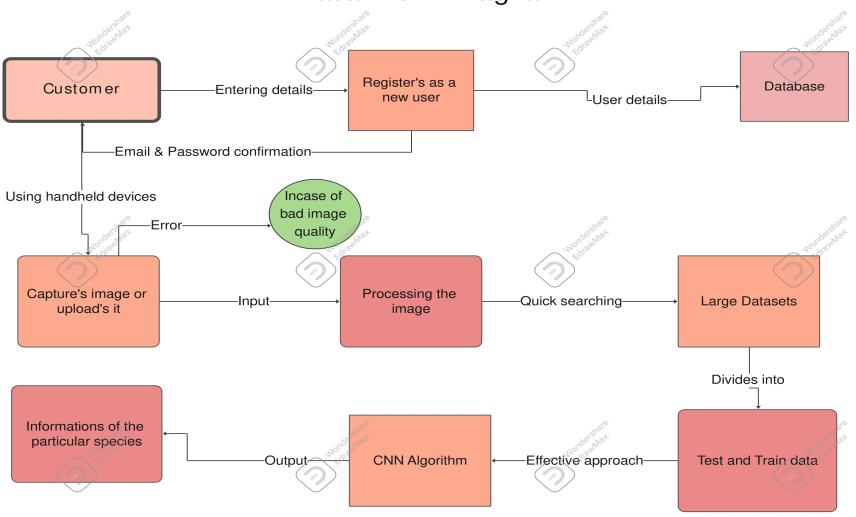
Date	03 October 2022
Team ID	PNT2022TMID14372
Project Name	Project – Digital Naturalist AI Enabled Tool for Biodiversity researcher's
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Data Flow Diagram

Customer --- Entering details ---> Register's as a new user --- User details ---> Database

Register's as a new user --- Email & Password confirmation ---> Customer

Customer --- Using handheld devices ---> Capture's image or upload's it

Capture's image or upload's it --- Error ---> Incase of bad image quality

Capture's image or upload's it --- Input ---> Processing the image --- Quick searching ---> Large Datasets

Large Datasets --- Divides into ---> Test and Train data

Test and Train data --- Effective approach ---> CNN Algorithm --- Output ---> Informations of the particular species

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
	Using Gmail	USN-3	As a user, I can register for the application through Gmail	I can register & access the dashboard with google Login	Medium	Sprint-2
	Login	USN-4	As a user, I can log into the application by entering email & password	I can easily login with my login credentials	High	Sprint-1
Customer (Web user)	Capture or Upload	USN-5	As a user, I can capture directly or upload's the image of the species	I can Take picture and upload it using options	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
System as Administrator	Processing	USN-6	As a system, I can display the information's of the species	I can easily identify the details of the species	High	Sprint-1