

Project Design Phase-II

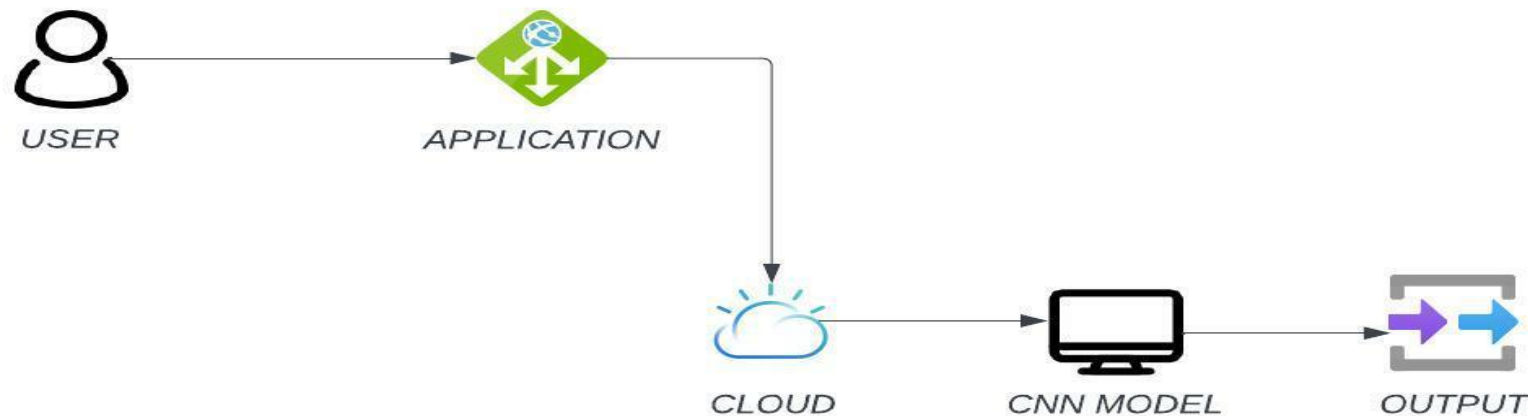
Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID31779
Project Name	Project - Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	4 Marks

Data Flow Diagrams:

A data flow diagram (DFD) maps out the flow of information for any process or system. It uses defined symbols like rectangles, circles and arrows, plus short text labels, to show data inputs, outputs, storage points and the routes between each destination. Data flowcharts can range from simple, even hand-drawn process overviews, to in-depth, multi-level DFDs that dig progressively deeper into how the data is handled.

Simplified DFD:



Step 1: The user uploads the image of flora /fauna

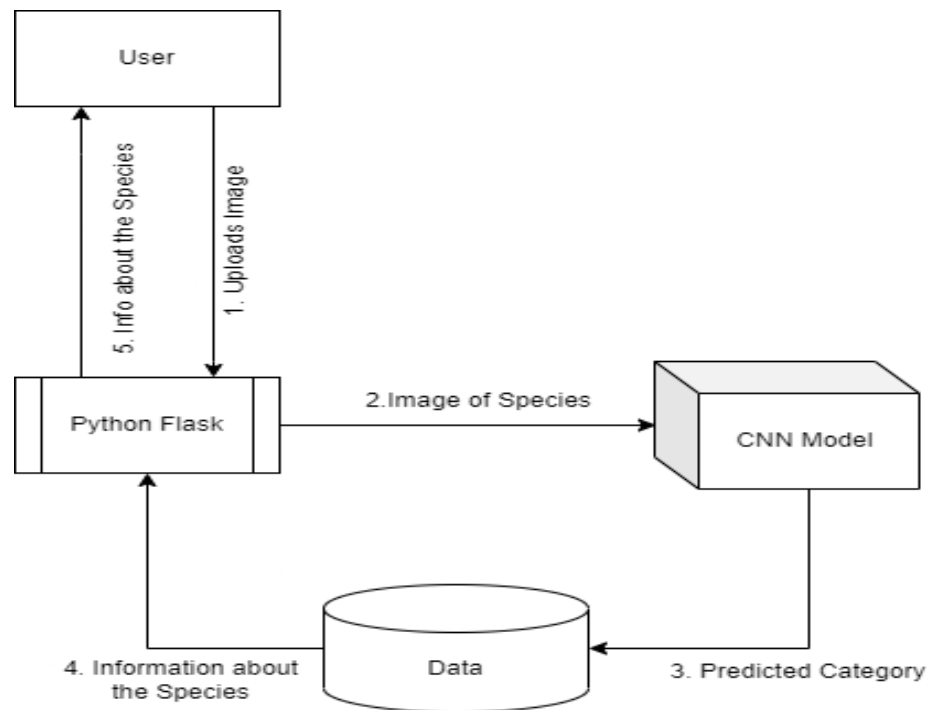
Step 2: The web application sends the uploaded image to the IBM cloud

Step 3: The CNN model accepts the input and starts to process it

Step 4: The CNN model now predicts the name of the species of the image

Step 5: The output displays the information obtained about the image

DFD Standard :



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 (Web user)	Upload Photo	USN-1	User uploads the picture of flora and fauna and get the detailed information of the species	I can upload pictures using dashboard	High	Sprint-1
Customer (Web user)	Prediction of species	USN-2	The detailed information of the species is displayed in the web application	CNN model predicts the species	High	Sprint-2

