

Project Design Phase-II

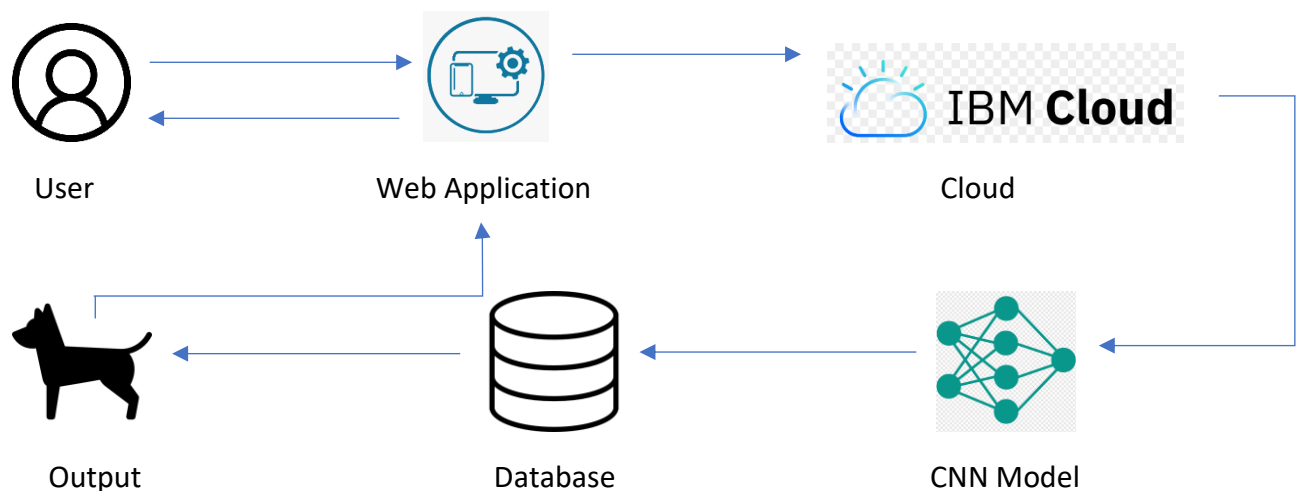
Data Flow Diagram & User Stories

Date	19 th October 2022
Team ID	PNT2022TMID35899
Project Name	Digital Naturalist - AI Enabled Tool For Biodiversity Researchers
Maximum Marks	4 Marks

Data Flow Diagrams:

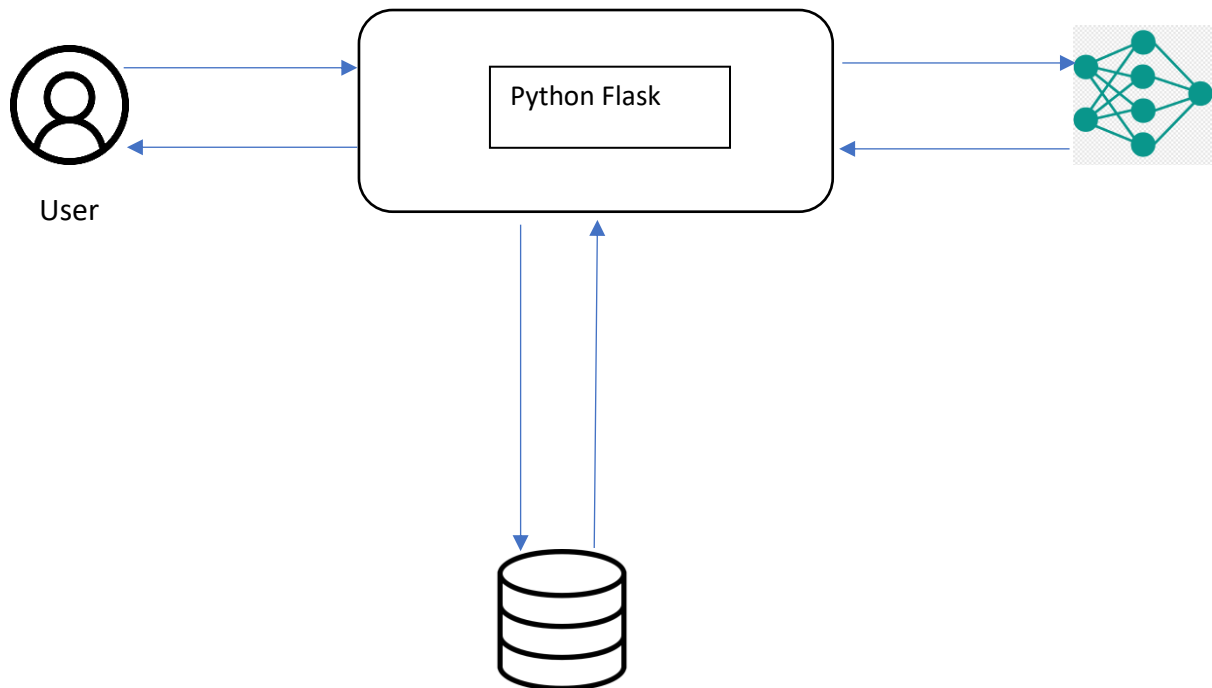
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Simplified DFD:



1. The user uploads the image of an animal/bird/plants etc.
2. The Web Application sends it to the IBM Cloud.
3. The CNN models accept the input and classifies the type of the species
4. The information is matched with the database and its respective description is given as the output.

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)	Photo uploading	USN-1	The user can upload 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)	Predicting Species	USN-2	The detailed information of the species is displayed in the webpage	I can see the description of the species	High	Sprint-2