

Project Design Phase-II

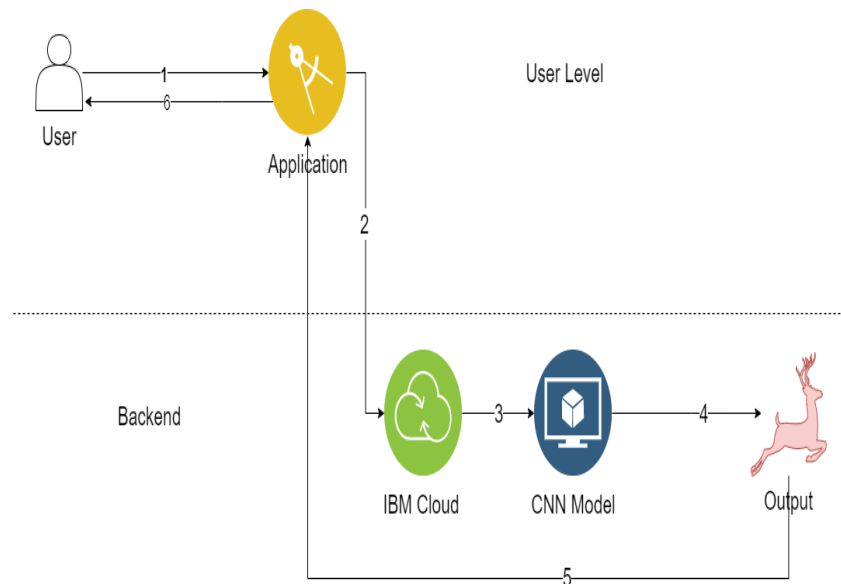
Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID39559
Project Name	Project - Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	4 Marks

Data Flow Diagrams:

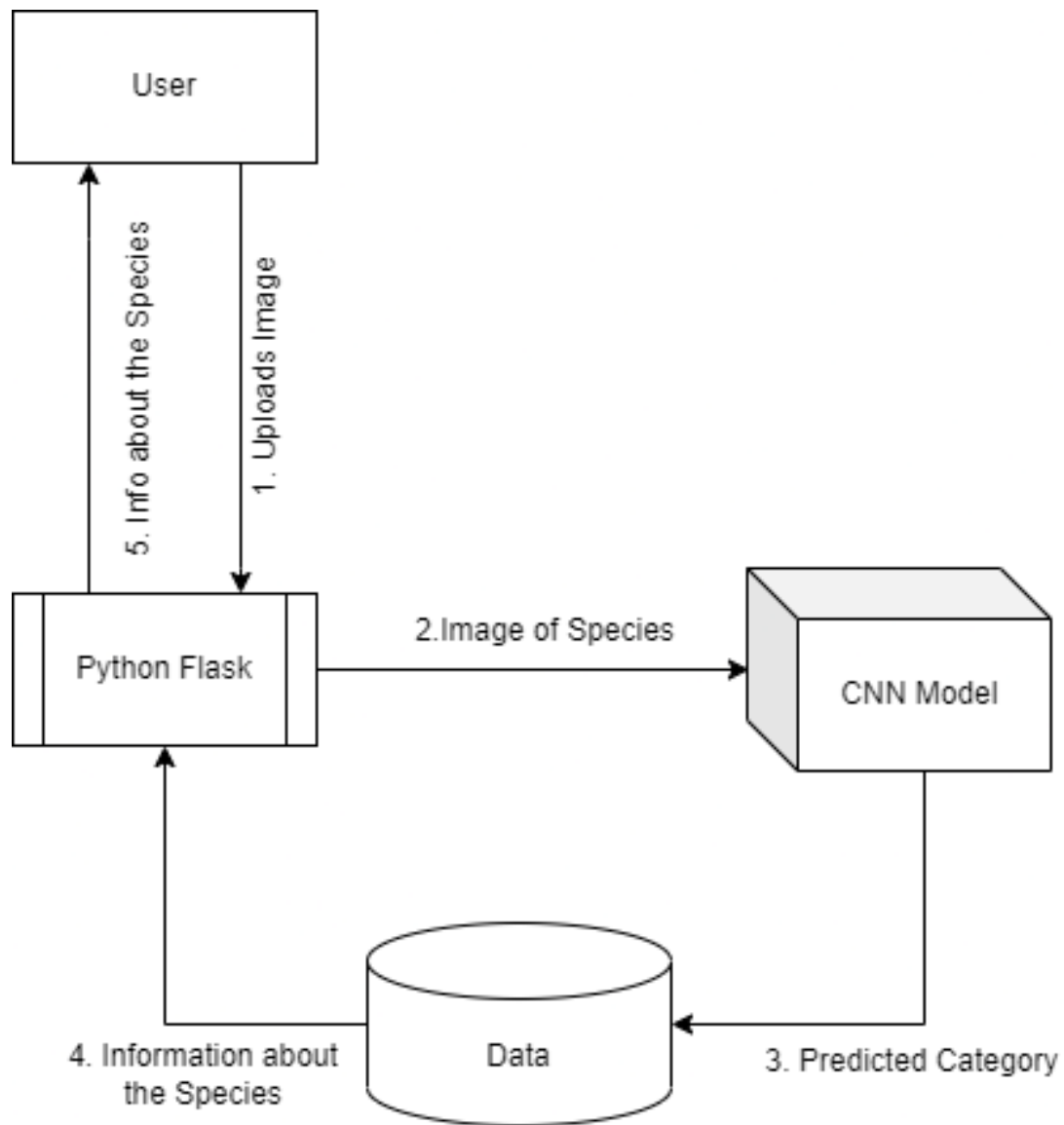
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Simplified DFD:



1. User uploads the image of flora / fauna.
2. The Python application sends it to IBM Cloud.
3. The CNN model accepts the image as the input to test the model.
4. The CNN model predicts the name of the species.
5. The output is returned to the application.
6. The application displays the received information.

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	CNN model predicts the species	High	Sprint-2