

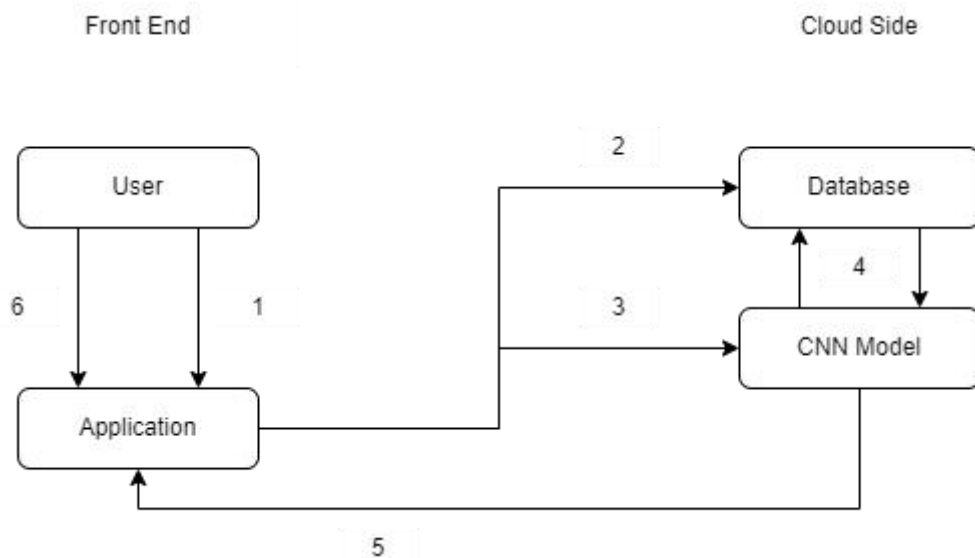
Project Design Phase-II

Data Flow Diagram & User Stories

Date	30 October 2022
Team ID	PNT2022TMID07956
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 graphically depict the right amount of the system requirement. It shows how data enters and leaves the system, what changes the information, and where data is stored.



- 1.The user uploads the picture of the species into the application.
- 2.The user's data will be stored in the database.Like account information, cache data, etc.
- 3.The application sends the picture to the model for prediction.
- 4.The model then predicts the species and obtains the available information about that species from the database.
- 5.The model then sends the information to the application.
- 6.The application notifies and displays the information to the user.

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
User	Registration	USN-1	Users can register in the web application by entering their email, and password.	Users can access their accounts and dashboard.	High	Sprint-1
User	Photo Upload	USN-2	User can upload picture of the species.	User should be able to upload picture of any format.	High	Sprint-1
User	Getting Information	USN-3	User can obtain information about the species.	The model should provide the user with information as accurate as possible.	High	Sprint-2
User	Sharing Information	USN-4	User should be able to connect with other people over the application.	Users should be able to discuss and share information.	High	Sprint-3
Admin	Providing Information	USN-5	Admin can update the information about the species.	Admin should be able to edit content in the database.	High	Sprint-4