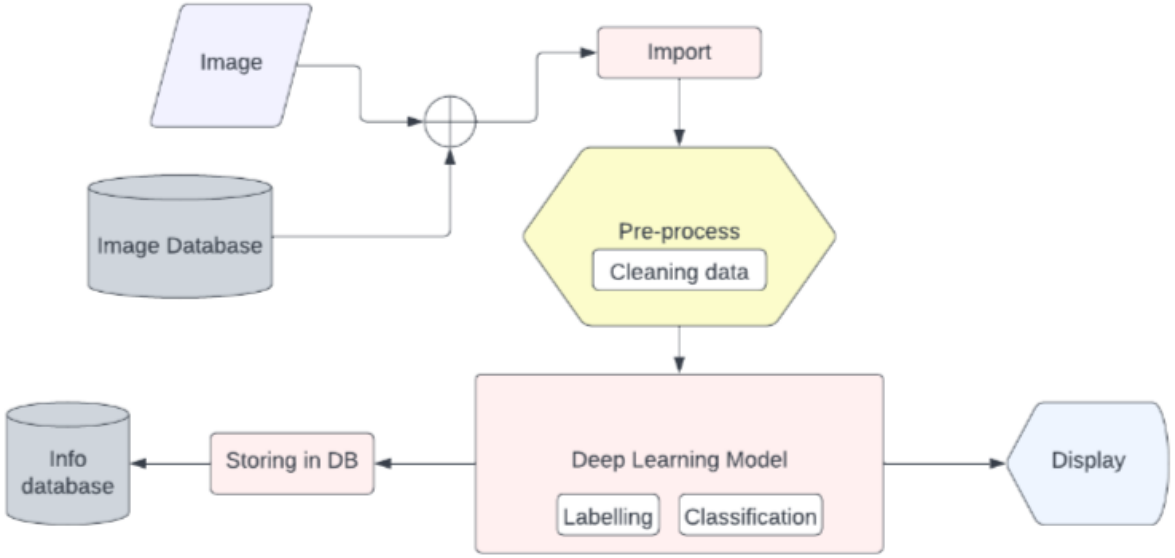
Project Design Phase-II
Data Flow Diagram & User Stories

Date	04 November 2022
Team ID	PNT2022TMID20804
Project Name	Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	4 Marks

Data Flow Diagrams:



User Stories

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint-1	Registration	USN-1	As a user, I can register for the application by Entering my email, and password, and confirming mypassword.	2	High
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the application.	2	Low
Sprint-1	Login	USN-3	As a user, I can log into the application by entering myemail & password.	1	Medium
Sprint-1		USN-3	Effective password verification	1	High
Sprint-1		USN-4	As a user, I can upload images to identify the species.	2	High
Sprint-1	Backend	USN-5	Datasets are collected to train the model.	2	High
Sprint-2		USN-6	The data is loaded and Pre-processed to train the model.	4	High
Sprint-2		USN-7	The model is trained using the Training dataset.	8	High
Sprint-2	Optimization	USN-8	The model is evaluated.	3	Medium
Sprint-2		USN-8	The model is optimized.	3	Medium
Sprint-3	Flask Integration	USN-9	The application is built using Python Flask.	8	High
Sprint-3		USN-10	The model is loaded into Python Flask.	6	High
Sprint-4	Testing	USN-11	As a user, I can view the species details.	3	Medium
Sprint-4		USN-11	As a user, I can view the statistical visualization.	3	Medium
Sprint-4	Logout	USN-12	As a user, I can logout of the application.	2	Low