

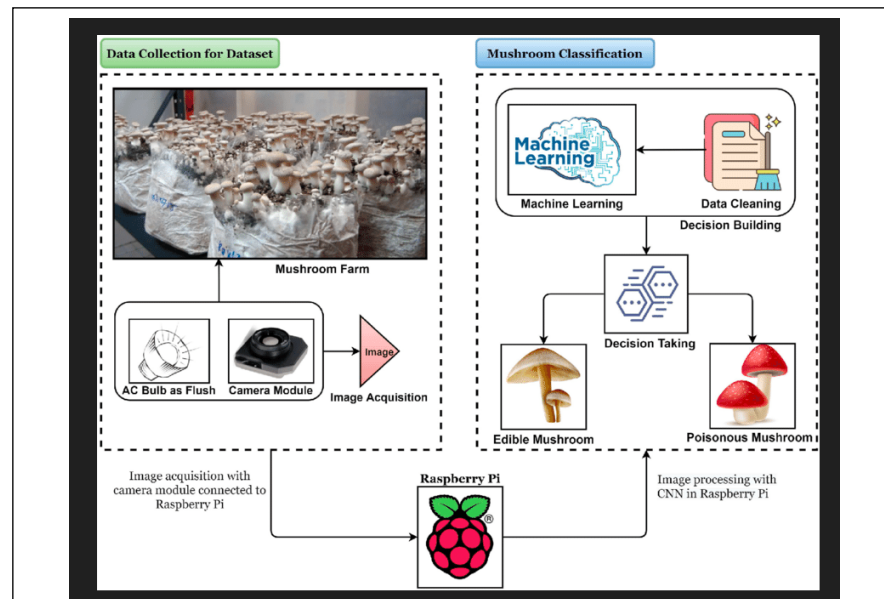
Project Design Phase-II

Data Flow Diagram & User Stories

Team ID	Team- 592300
Project Name	Mushroom Classification Using Deep Learning
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.



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
As a User Interested in Mushroom Identification :	MycologyApp	USN-1	I want to be able to upload a picture of a mushroom to the system.	The system should provide a seamless and intuitive image upload interface, accepting common formats, validating file types, and offering clear feedback on successful uploads while ensuring security and compatibility across browsers.	High	Sprint-1
		USN-2	I expect the system to provide me with accurate information about the species of the mushroom in the picture.	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	I want the system to display additional details about the identified mushroom, such as its edibility, habitat, and common characteristics.	I can register & access the dashboard with Facebook Login	Low	Sprint-2
As a Citizen Scientist:	Contribution	USN-1	I want to contribute to mushroom research by submitting pictures of mushrooms I find in my area.	To contribute to mushroom research, submit clear, detailed photos of mushrooms from multiple angles, along with habitat and location information.	High	Sprint-1
		USN-2	I expect the system to not only identify the mushrooms but also store the data for research purposes.	The system should store all submitted mushroom images, habitat information, and location data for future research purposes.	Low	Sprint-2
		USN-3	I want to view a history of my submissions and see how my contributions have helped improve the system's accuracy over time.	The system should provide users with a secure and easy-to-access history of their submitted mushroom images, habitat information, and location data.	High	Sprint-3

As an Educator:	EducationalContent	USN-1	I want to use the system as an educational tool in my classroom.	The system should provide engaging and informative educational resources, such as interactive identification keys, detailed species descriptions, and multimedia content, to support educators in incorporating mushroom identification into their curricula.	Low	Sprint-1
		USN-2	I need the system to provide detailed information about each identified mushroom to aid in teaching.	The system should provide comprehensive and scientifically accurate information about each identified mushroom, including its taxonomy, habitat, ecology, edibility, and any potential medicinal or toxic properties.	High	Sprint-2
		USN-3	I want to track the progress of my students as they use the system for mushroom identification and learning.	The system should provide educators with tools to monitor and assess student engagement, comprehension, and identification skills related to mushroom identification and learning.	Low	Sprint-3
As a System User Concerned About Safety:	ConfidenceIndication	USN-1	I want the system to clearly communicate the level of confidence in its identification. If the system is uncertain about the classification, I want to be alerted, and I should be provided with alternative possibilities.	The system should clearly convey its confidence level in each mushroom identification, providing a confidence score and, if the confidence is low, suggesting alternative possibilities for further investigation.	High	Sprint-1
		USN-2	I want the system to emphasize that it's for educational and informational purposes only and not a substitute for professional advice on edibility.	The system should prominently display a disclaimer stating that it is for educational and informational purposes only and that mushroom identification should always be confirmed by a qualified expert before	Low	Sprint-2

				consumption.		