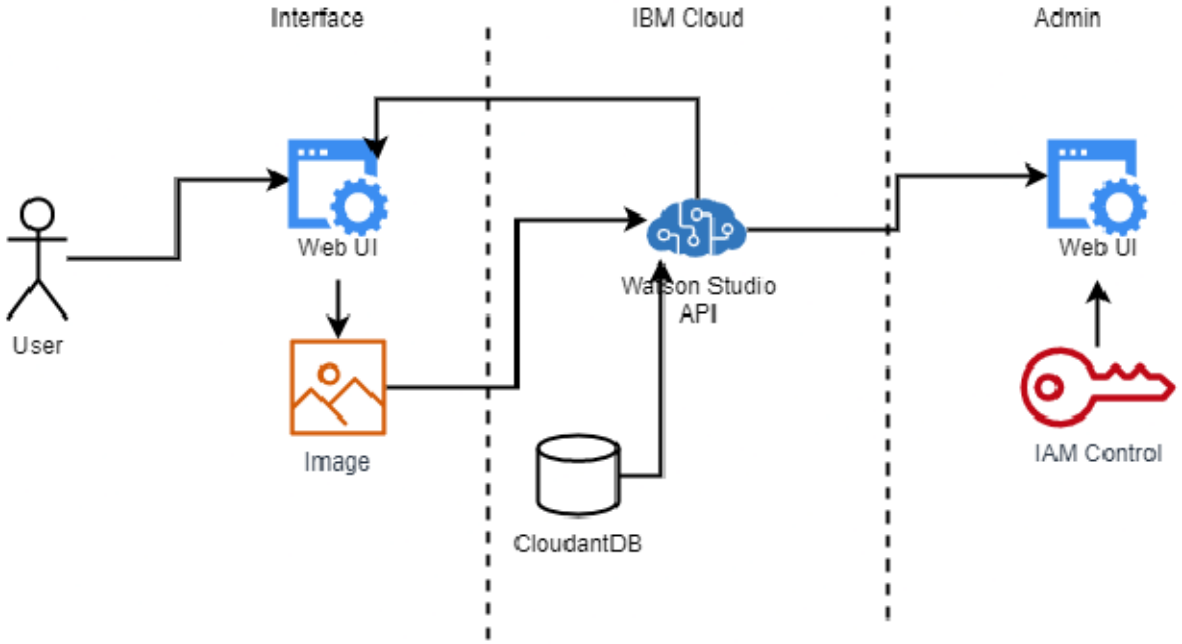
Project Design Phase-II
Data Flow Diagram & User Stories

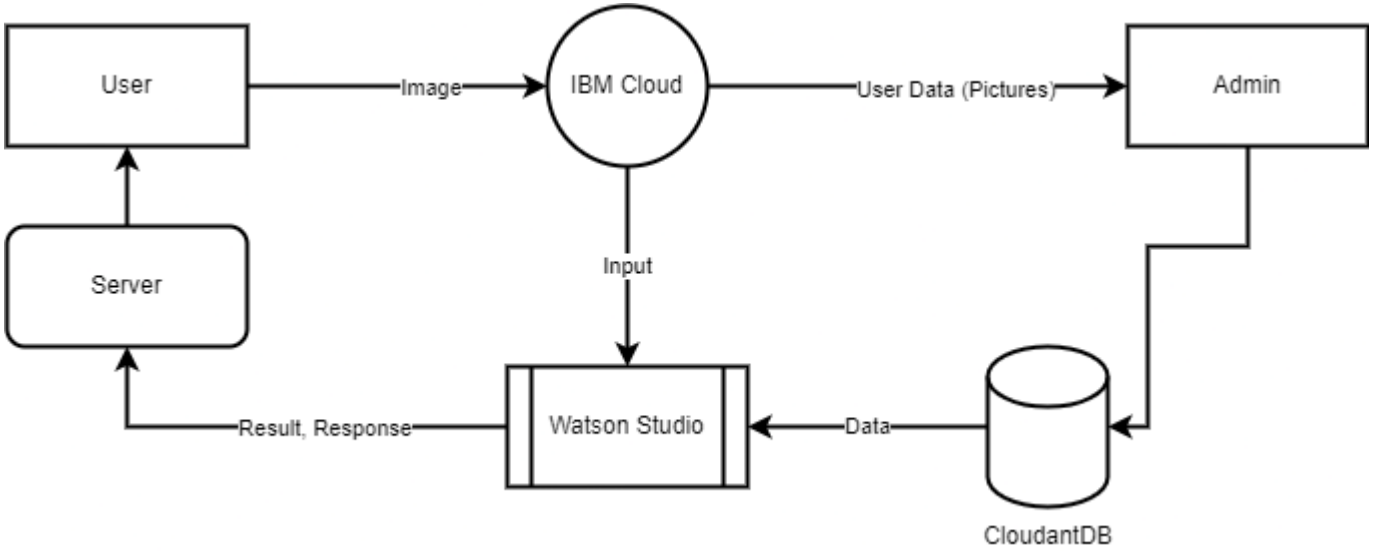
Date	20 October 2022
Team ID	PNT2022TMID03664
Project Name	Fertilizer Recommendation System for Disease Prediction
Maximum Marks	4 Marks

Data Flow Diagrams:

Simplified:



DFD 0 (Overall):



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web App user)	Registration	USN-1	As a user, I can register by entering my email, password, and confirming my password or via OAuth API	I can access my account / dashboard or redirect to upload section	Medium	Sprint-2
	Upload section	USN-2	As a user, I will be redirected to a page where I can upload my pictures of crops	I can upload pictures and confirm	High	Sprint-2
	Suggestion results	USN-3	As a user, I can view the results and then obtain the suggestions provided by the ML model	I can get the results from the model	High	Sprint-2
	Dashboard	USN-4	As a user, I can view the previous results and history	I can obtain my previous usage/history of the app	Medium	Sprint-3
Customer/Admin /Shopkeeper	Login	USN-5	As a user, I can log into the application by entering email & password	I can login with my credentials and view my dashboard	High	Sprint-3
Admin	Dashboard	USN-6	As an admin, I can view other user details and uploads for other purposes	I can view upload data sent by users for tuning the model in Watson Studio	Medium	Sprint-4
Shopkeeper	Dashboard	USN-7	As a shopkeeper, I can enter fertilizer products and then update the details if any	I can add/delete fertilizers such that it'll be shown to users	Low to Medium	Sprint-4

Note:

Sprint-1 is mainly focused on building the CNN model and hence not shown here in user stories