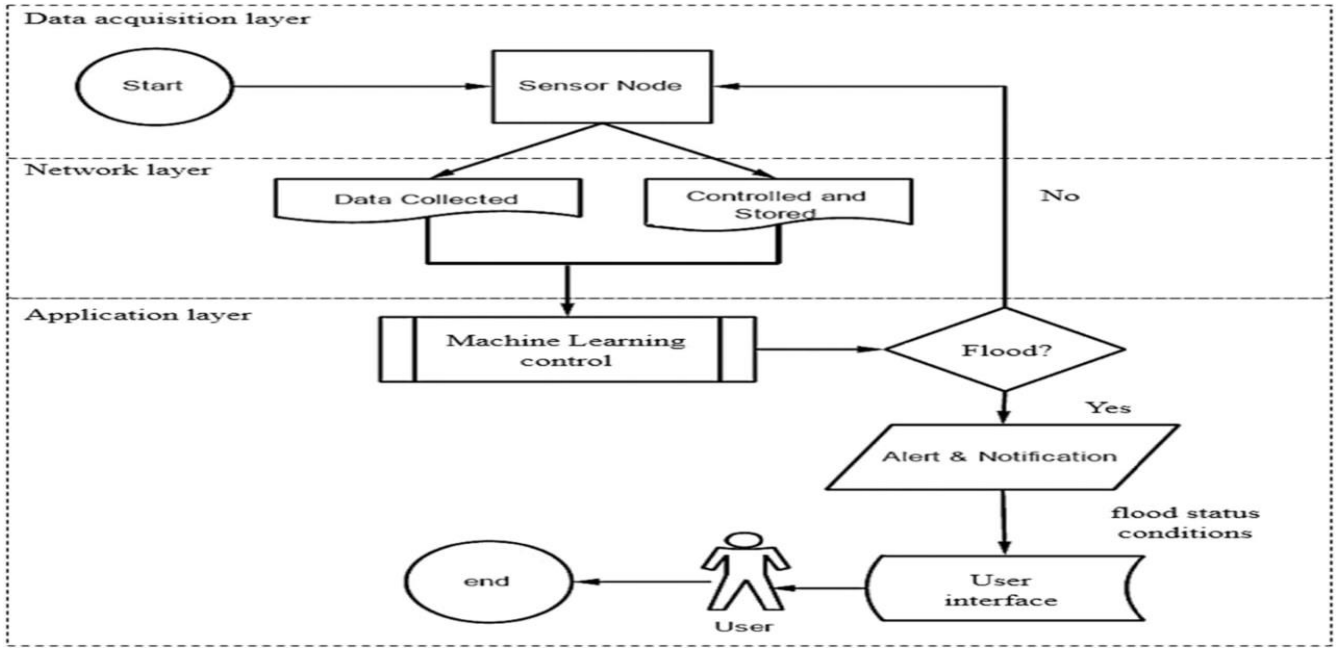
Project Design Phase-II
Data Flow Diagram &User Stories

Date	03October 2022
Team ID	PNT2022TMID34177
Project Name	Natural Disasters Intensity Analysis and Classification using Artificial Intelligence
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
Customer (Professional)	Remote Sensing	USN-1	As a user, I can find a method more efficient and advanced.	I can visualize the critical vulnerabilities & damages.	High
	Physical Features	USN-2	As a user, I can find it gathering information and tracking.	I can collect the information from affected areas and track the people who are affected.	High
	Security	USN-3	As a user, I can provide useful information to decision-makers, helping to establish global peace and security.	I can reach near real time insights at the ground level.	Low
	Results	USN-4	As a user, I can rely on the results without any suspicion.	The technique is almost 100% efficient as it involves Modern	Medium

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority
				techniques incorporated with Machine Learning	
		USN-5	As a user, I can get the results on the spot immediately after the sensing.	It prevents further delay in the risk identification and warning.	High
Customer (Affected People)	Safety	USN-6	As a user,I may not enter the damaged buildings or home.	I will not enter into the damaged buildings because floodwaters remain around the building and Authorities have not declared it safe to enter.	High
Customer (Public Sector)	Cost effectiveness	USN-7	As a user,I can reach many people suffering from no food and shelter.	I will rescue the affected people and increase the national insurance resilence.	Medium
	Results	USN-8	As a user, I can complete the sensing process within minute for an affected people.	The random results generated by the device saves people and time.	High