

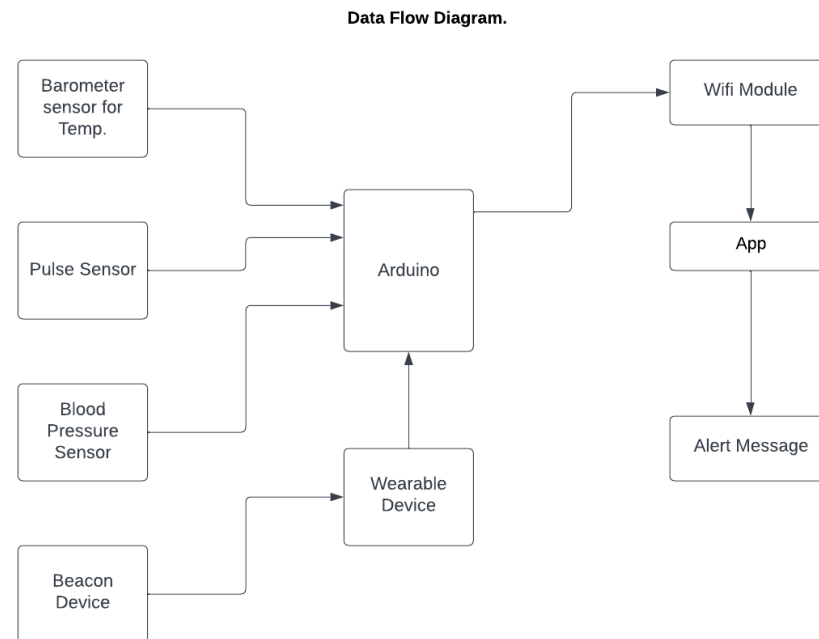
Project Design Phase-II

Data Flow Diagram & User Stories

Project Name	HAZARDOUS AREA MONITORING FOR INDUSTRIAL PLANTS POWERED BY IOT.
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
Worker in an industrial plant	Registration	USN-1	As a user, I can wear the device to see the temperature and will receive the alerts to the device through app once I have registered in the application.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email As soon as I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Whatsapp/Telegram/Gmail.	I can register & access the dashboard.	Low	Sprint-2
		USN-4	As a user, I can log into the application by entering email & password	I can receive confirmation email & click confirm	Medium	Sprint-1
Worker in industry	Login	USN 1	As a user, I can wear the device comfortably and I can view the changes in temperature.			
		USN 2	As a user, I can receive the alerts correctly to the mobile through app.	I can receive confirmation email		
Worker in mining industry	Login	USN 1	As a user, I can view the temperature through wearable device even though there is no proper signal.			
Administrator	Login	USN 1	As a user, I can take necessary actions once the alerts are received according to the problem	I can access my account through application	High	Sprint-1
		USN 2	I can check the temperature conditions through app and wearable device.		Medium	Sprint-1