

**HAZARDOUS AREA MONITORING FOR INDUSTRIAL PLANTS**  
**POWERED BY IOT**

**DATA FLOW DIAGRAM & USER STORIES**

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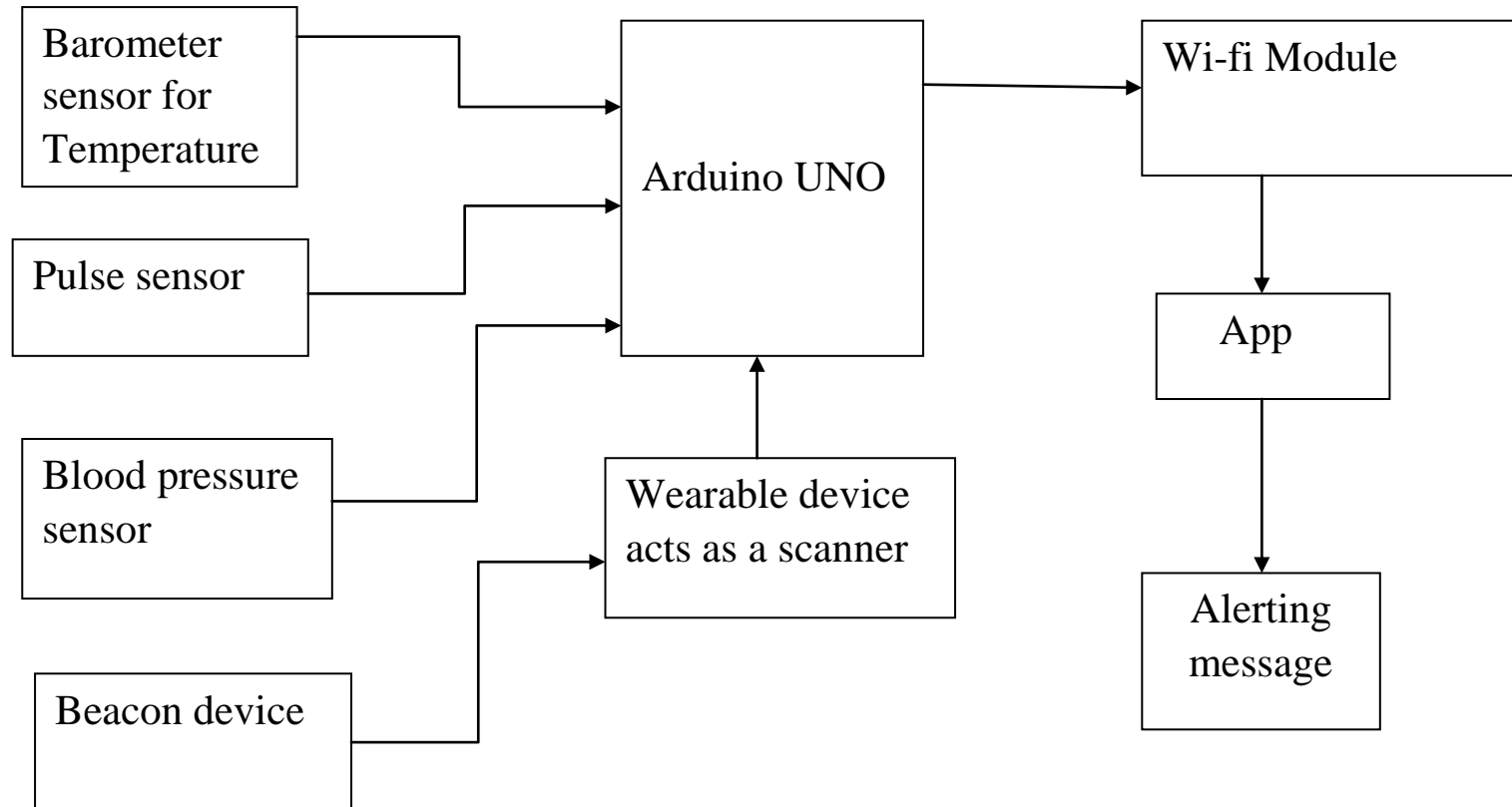
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## DATA FLOW DIAGRAM:



## USER STORIES

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 view the temperature and will receive the alerts to mobile 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 once 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 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.		High	Sprint-1
		USN-2	As a user, I can receive the alerts correctly to the mobile through app.	I can receive confirmation email	High	Sprint-1

USER TYPE	FUNCTIONAL REQUIREMENT (EPIC)	USER STORY NUMBER	USER STORY / TASK	ACCEPTANCE CRITERIA	PRIORITY	RELEASE
Worker in mining industry	Login	USN-1	As a user, I can view the temperature through wearable device though there is no proper signal.			
Administrator	Login	USN-1	As a user, I can take necessary precautions 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-2