

TECHNOLOGY STACK

Date	NOV 15 th 2022
Team ID	PNT2022TMID21083
Project Name	Gas Leakage Monitoring and Alerting System for Industries

TECHNICAL ARCHITECHTURE

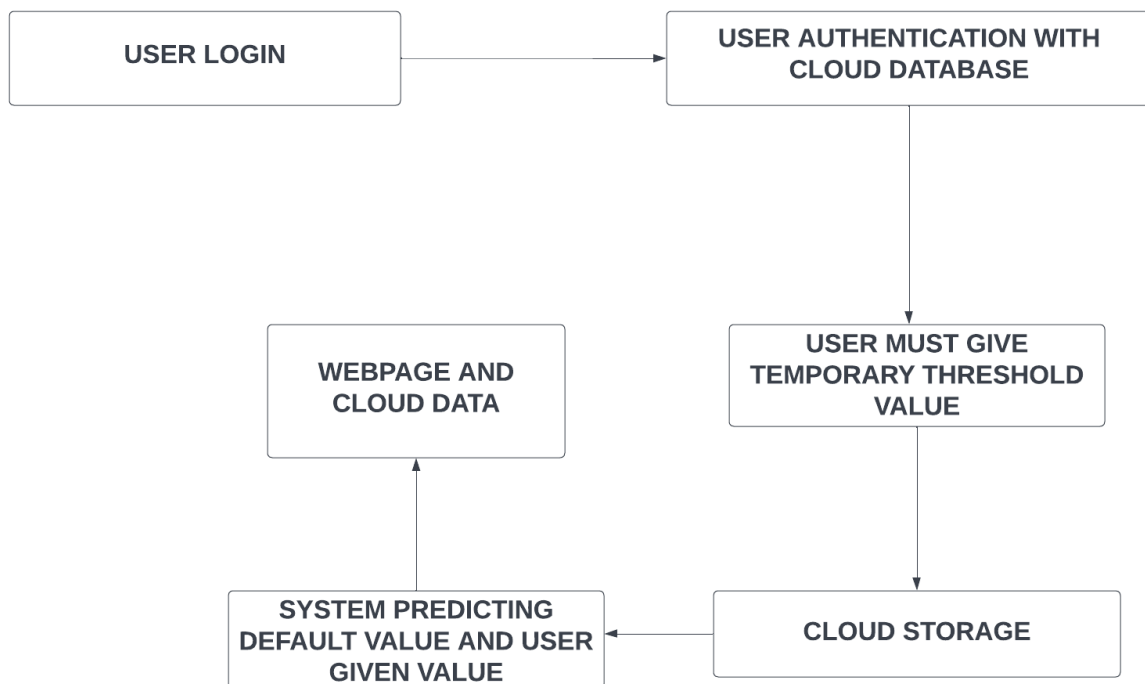


TABLE 1 → COMPONENTS AND TECHNOLOGIES

S.NO	COMPONENT	DESCRIPTION	TECH STACK
1	USER INTERFACE	WEB APPLICATION	HTML, CSS, JS
2	DATABASE	DATA TYPE, CONFIGURATION	MYSQL
3	CLOUD DATABASE	DATABASE SERVICE ON CLOUD	IBM CLOUD
4	FILE STORAGE	FILE STORAGE REQUIREMENTS	IBM BLOCK STORAGE, LOCAL FILE SYSTEM
5	EXTERNAL API 1	PURPOSE OF EXTERNAL API USED IN APPLICATION	IBM WEATHER API
6	MACHINE LEARNING MODEL	PURPOSE OF MACHINE LEARNING MODEL	INFRARED IMAGING TECHNOLOGY
7	APPLICATION LOGIC 1	LOGIC FOR PROCESS IN APPLICATION	IBM WATSON ASSISTANT