

SYNOPSIS OF THE PROJECT

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Shared Folder / Git Repository Details	https://github.com/Rivincheria/MainProject
Project Title	Water Leakage Detection using IOT
<p>Description of Project:</p> <p>The water supply shortage has increased in recent years due to overpopulation, climate change and obsolete water facilities, where deteriorated pipes cause most of the water leaks. The problem is not the size of the leak, but the time it takes to detect it. This paper presents the implementation of a system installed in the hydraulic facilities of a residence, to detect water leaks. The system consists of 2 flow sensor installed by a water reservoir of interest, a microprocessor to interpret the data and evaluate whether it is a water leak or not, an SMS alert message, and an electrical actuator to shut off the main water supply to avoid leakage.</p>	
Front end and Backend Tools	Embedded C

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