PROJECT OBJECTIVES

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Team ID	PNT2022TMID48312
Project Name	Real-time river water quality monitoring and control system
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ABSTRACT:

These days drinking water is the most valuable and significant for every single individual and potable water usage faces new difficulties in constant operation. Monitoring various aspects of the River Water Quality leads to a clear understanding of the aspects that should be considered for a healthy life and to avoid unsanitary water using Internet of Things (IOT) should allow for the integration of real time monitoring and controlling of water quality. The suggested system utilizes Internet of Things (IOT) through using sensors such as (PH, temperature and turbidity). Using a web application to immediately alert the people to check the status of water. The IOT based real time river water quality monitoring and control system being proposed via this report with micro controller mixed with different sensors and a Wi-Fi module producing live data is sent to cloud o that people or authorities can get the data easily. Using IBM Cloud services to store and using various types of codes to execute the system process. Real-time river water quality monitoring and control system is used to monitor and control the quality of water pH level, Temperature to get the proper quality of good water.