Parameter	Description
Problem Statement	Ensure the safety of municipal drinking water by accurately assessing its quality, identifying potential contaminants, and implementing effective safety measures.
Idea / Solution Description	Develop an intelligent water quality monitoring system integrating advanced sensing technologies, data analytics, and real-time reporting.
Novelty / Uniqueness	Utilization of cutting-edge sensing technologies, data analytics, and machine learning algorithms for proactive water safety management.
Social Impact / Customer Satisfaction	Enhances public health and safety, enables early detection of contaminants, and fosters trust and peace of mind among customers.
Business Model (Revenue Model)	Potential revenue streams include government contracts, subscription fees for advanced features, and partnerships with water treatment authorities.
Scalability of the Solution	The solution is designed to be scalable, accommodating various municipal sizes, and expandable to include additional sensors and data processing capabilities.