

Project Design Phase-I
Proposed Solution Template

Date	03 November 2023
Team ID	NM2023TMID04191
Project Name	How to Create Brand Name, Brand Mail and Brand Logo in Canva

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Water suppliers face challenges with inaccurate billing, high operational costs, and difficulty tracking and managing customer usage.
2.	Idea / Solution description	A smart billing system for water suppliers that leverages IoT-enabled smart meters and sensors to collect real-time water usage data, integrate it with a cloud-based billing and payment system, and provide analytics for suppliers to optimize water usage and identify areas of waste. The system will also offer customers accurate and timely billing information, flexible payment options, and the ability to track their water usage in real-time through a mobile or web-based application.
3.	Novelty / Uniqueness	The smart billing system is unique in its integration of IoT technology and real-time data analytics for water billing and usage management.
4.	Social Impact / Customer Satisfaction	The smart billing system will improve customer satisfaction through accurate and timely billing information, flexible payment options, and real-time water usage tracking. Additionally, by reducing water waste and promoting conservation, the system will have a positive social impact on the environment and community.
5.	Business Model (Revenue Model)	The revenue model will be based on a subscription-based service for water suppliers, with additional revenue streams from value-added services such as leak detection and water usage analysis.
6.	Scalability of the Solution	The smart billing system will be scalable, with the ability to integrate with existing systems and easily onboard new customers and devices. The cloud-based architecture will also enable easy scalability and the ability to add new features or services as needed.