

Project Design Phase –I
Proposed Solution Template

Date	08 May 2023
Team ID	NM2023TMID10960
Project Name	SMART BILLINGSYSTEM FOR WATER SUPPLIERS
Maximum Marks	

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)	Nowadays several fill stations are set up across the cities to operate water tanker service delivering water to all the local households.
2.	Idea/Solution description	These hand-held devices have the facility to read/write into RFID based smart cards as well as WIFI modem to communicate with the central server over the cloud.
3.	Novelty/Uniqueness	This data can then be viewed by the users on their respective mobile applications connected to the cloud.
4.	Social Impact/Customer Satisfaction	The requirements and satisfaction of customers are low on priority in government owned organizations, mainly due to lack of professional approach in customer services.
5.	Business Model (Revenue Model)	social business model can be understood as a business model whose factors that stimulate development include social aspects expressed in balancing economic, environmental, and social issues with the involvement of communities and their dynamic communication focused on the selected attributes of business models that stimulate growth and that are conducive to achieving success, expressed by economic and/or social profit.
6.	Scalability of the Solution	The presence of scaling in water systems at power plants, heating, and cooling plants, and other process facilities can reduce plant efficiency by blocking flow and reducing heat transfer capabilities of piping systems.