

Smart billing system for water suppliers

Solution architecture

Date	18 May 2023
Team ID	NM2023TMID14178
Project Name	Smart billing system for water suppliers
Maximum Marks	4 Marks

Solution Architecture;

Nowadays several fill stations are set up across the cities to operate water tanker service delivering water to all the local households. Tankers get registered and a card is issued for the users which can be used for payments. They can also top-up their card through the mobile application. Each fill station is equipped with hand-held devices (based on the number of pumps in the fill station). 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. This data can then be viewed by the users on their respective mobile applications connected to the cloud.

Technical Architecture:

