SYNOPSIS OF THE PROJECT

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Shared folder/git repository details	https://github.com/Snephia-Sevi/Main-Project.git
Project Title	IoT based Smart Shopping Cart using RFID and NodeMCU

Description of Project:

We all have waited in a queue for payment in shopping malls and other places, its very tiring and wastes a lot of time in the billing process. This project aims to build a **smart shopping cart with an automatic billing system** that not only reduces the waiting time but also makes the process very smooth and easy.Here we use **RFID cards and RFID readers with NodeMCU** to build the **Smart Shopping Cart** project. The cart information and total value will be displayed on the webpage as well as on LCD. Each RFID card is associated with a certain product and an RFID reader is installed in the cart, which reads the product details like Price and Product details and sends them to NodeMCU ESP8266. Then NodeMCU process the available items and total value in the cart and send them to ESP8266 Webserver, which can be monitored on a web browser from anywhere in the world. Web servers are used to control or monitor any sensor values using web browsers.

Front end and Backend Tools	C

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