Smart Trolley Billing System

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Abstract: *Originally we used to induce bill in the paper format and also latterly we use the technology. The barcode scanner was used to read and overlook the barcodes. But latterly, we concentrated on the smart trolley billing system using RFID label which is a digital storehouse device that's used for identification and the information recording. A anthology can pierce or read the data into the RFID markers through the electromagnetic induction. A stoner can only use the RFID label without the power consumption. When the client bought the product, he she firsts overlook the RFID label of the product using the RFID anthology and put into the trolley. While copping the products client needs to overlook the RFID label of the product, a price of the product is taken and stored in the system's memory. When a person goes for shopping in any boardwalk also he she takes trolley and after completed the shopping he she has to go to the counter for billing. Billing is done with barcodes which is veritably time consuming process. In this technology, we bear surveying each and every item grounded barcode markers attached to that item. It has to done by man power since we need to overlook each marker manually. And another disadvantage is that barcode can not read from long distance. So, our main end is to design automatic billing system which grounded on Radio frequence Identification.*

Keywords: NodeMCU, Automatic Billing, RFID tag and reader, Database.

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