A Smart Trolley for Smart Shopping

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Abstract: *Shopping is really attractive and attractive; At the same time, standing in long queues for bills and payment processes is boring. Therefore, it is proposed to design smart trolleys that take care of shopping and billing. Through this, the customer can go directly to the shop, buy products using smart trolleys and leave the shop. He gets an e-bill through mail and can use the shop's website to check his purchase details. To realize this, We need an Arduino board, radio-frequency identification (RFID) reader, RFID tag, LCD display, ESP8266 Wi-Fi module, database manager and website to store product and customer details, which can be accessed anywhere in the world through admin. It is an IoT-based system where the trolley can communicate with the network spread across the world.*

Keywords: Shopping Trolley, RFID Reader, RFID Tag, IOT, Smart Cart, e-Billing

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