

Automated Ration Vending Machine

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Abstract: *Our aim is to design an automated ration vending machine to help people overcome the demerits of TPDS. The Traditional Public Distribution System (TPDS) was established in 1997 to assist the underprivileged while maintaining the government's desired level of control over the budgetary food subsidies. The TPDS programme aims to eradicate poverty by providing the bare minimum of food grains at significantly discounted rates. These ration stores' supplies will be purchased directly from the farmers and then resold at reduced prices. The Traditional Public Distribution System (TPDS) has drawbacks which involve lot of corruption such as black marketing of these food grains and many families claim the quota of other families. Even when the material is not bought at the end of the month, the shopkeeper would send them to others without permission of the Government. There is no transparency between the Government and the customer.*

Keywords: Ration Vending, RFID, Sensors

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