

# Design of Intelligent Restaurant with a Touch Screen Based Menu Ordering System

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**Abstract:** In today's restaurant Digital multi-touch menu cards and other forms of digital facility are replacing old fashioned services like- waiters can take order from customer and serve them. Intelligent Restaurant system delivering almost infinite flexibility in promoting meal and snack options. Intelligent Restaurant system uses technologies innovatively in a modern restaurant such as multi-touch LCD with Arduino mega, RF module, database & line following Robot to enhance quality of services and to enrich customers' dining experience. A line following robot is designed using sensor operated motors to keep track the line path predetermined for meal serving. PayPal is used for online payment.

**Keywords:** Line following robot, Multi-touchable module, RF module, PayPal, Database

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