

INTELLIGENT SHOPPING CART

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ABSTRACT

This project is known as 'Intelligent Shopping Cart', and as its name suggests the whole idea of this project is based on improvement over the conventional shopping style.

This project report is about the Intelligent Shopping Cart, its construction, the theory behind it and the possible outcomes that it can produce. Advantages and limitation of this system are included.

The Intelligent Shopping Cart consists of 2 portions: hardware and software. The hardware consists of scanner unit and micro-controller. The scanner unit will scan the color tag on the product and produce a specific output. The micro-controller will stored the data from scanner unit and display the items' name and price through LCD. The software is responsible to receive signal from micro-controller and match the signal; received with the stored signal and display all the information.