

Study and Implementation of Online Supply Chain Management System Using Wifi Technology and Barcode Reader

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ABSTRACT

This project focuses on the development of tracking goods for Supply Chain management system. This project mainly deals with a tracking of items or goods from anywhere to anywhere to this world. Mainly this is a web-based and PDA-based application. So by using this application one can track the status of goods dispatched or received at the Supply Chain office from home/office. Now a day's people are very caring about their time. By using this application, it ease the track the goods from any place.

This project emphasizes on the integration of both the web based and PDA based where same databases will be shared between two modules. Customers can view the booking details such as sender's name, receiver's name, goods details, value etc and can track the goods by keying the track details. Customers will be carrying PDA which is WIFI enabled where it syncs with the admin module and shares the same database and displays the current status of the goods. Customer can check the status of the goods, if they find any difficulty with the tracking and tracking the goods, application enables customers to send their feedback from their PDA. The proposed system automatically sends a SMS to customer informing them of their transaction id, password, and username and tracking status. The purpose of developing this system is to enhance the overall functionality of the Supply Chain based organizations from manual to automation process using current trend technologies.