ABSTRACT

DESIGN OF ORDERING SERVICE SYSTEM ONLINE QUEUE NUMBER VIA SMS BASE ON MICROCONTROLLER

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Sending message using cellular technology is believed to become trend on these recent days because of the popularity, it's applied in every sector. Siemens format that used to receive and send data is known as PDU (Protocol Data Unit) Module. Orders in the module are called AT Command. And used to control the Plant by using microcontroller AT89C52.

In this Final Project be made a tool that can simplify queue number ordering without has to come to institution or payment firm. Queue number can at order via SMS by sends SMS order goes to service's number that service system with content orders "CS" to get customer service's service queue and send away for "PB" to get paying service queue.

Thereby we more efficient to time because reserve number no longer has to wait long time to queue up number.

Keyword : Microcontroller AT89C52, Online Queue Number, AT Command, PDU, Handphone, SMS.