MOBILE NETWORK ORDERING SYSTEM FOR NATASHA

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ABSTRACT

The study, Mobile Netwwork ordering System, was developed for Natasha, Iloilo. The objectives of the study were, 1) To develop a mobile network ordering system that eliminate the travel time needed to inquire the availability of a particular product through text message received by the system and assure the customer of product's availability in short period of time, 2) Provide a cheaper and more reliable means of checking a product's status (automatic updating of the inventory, monitor the availability of each product).

An alternative system Life Cycle Model was adopted to develop the software, which allowed the proponents to developed one prototype at an early stage. Inputs from the cientsand from the evaluators wee generally the bases for enhancing the prototype.

Visual Basic 6.0 was used to develop the front end, while Microsft access was used to develop the back end. For the SMS module, the study made use of the existing SMS services provided by Telecommunication Company's in the country such as SMART Philippines, Globe, Sun and TNT.

The study was conducted in 9 months from June – February, This was followed by the design phase which consumed about 7 months. Then a prototype was developed in 7 months and tested from October to February. Feedback in each tests conducted were considered in the enhancement of the prototype. Finally, the system was presented to the panel of evaluation and client from Natasha for approval.

Results of the evaluation showed that the developed Mobile Network Ordering System for Natasha were able to speed-up the process placing and confirming purchase orders from Natasha agents to Natasha into office from Monday to Friday and approximately one minute

through SMS. As a result, more transactions are processed at a lesser costs both from the agents and Natasha management.