

Project Proposal

To come up with a mobile e-commerce application with two interfaces (one for the users (customers) and another for the agent (who is the buyer)).

User

Upon opening the application there will be registration for first timers and/ or authentication for the already registered. The home page will have four touchpads for the supermarket chains (ie OK, Pink-n-Pay, Bon Marche and Spar) and a search option. Upon clicking a shop touchpad, user is directed to the respective shop catalogue. On the catalogue user can click a product of choice to add to a cart. Using the search option user can type a product of choice and search results will display the product and prices from all four shops.

User can add or subtract items on the cart and is to supply the address where purchased goods are to be delivered. User is able to pay for the goods electronically using the application.

Agent

Upon opening the app, authentication is a prerequisite. The agent is able to view ordered goods and the address where the goods are to be delivered as well as check if payment went through.

NB In order to keep the app simple, the products in the catalogue are to be limited to a maximum of 15 basic goods. (2kg sugar, 10kg mealie meal, 2kg rice, 2kg flour, 2L cooking oil, 1L fresh milk, 500ml sour milk, 500g powdered milk, 500g tea leaves, baked beans, bath soap, 1kg bar soap, frozen chicken, sanitary pads, 10s cigarette)
This app is developed to assist users during lockdowns when movement is

restricted. The agent will purchase goods on behalf of customers and deliver to the customer doorstep.

NOTE: There is need to have and indicate the minimum number of goods to be purchased per each transaction and service charges are to be distance-based from city centre. (for example CBD – 35%, 5-10km 45%, 10-15km 55% and 15km – 20km 60%)

Application Name

Two names are proposed 1. Easy Shop, and 2. Smart Shop.