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From:

Name : Michael Mlungisi Nkomo

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Degree : Computer Science

Level : 1.2

Role : Project Leader for <BroCode>.

RE : Project proposal to the Midlands State University Innovation Hub for ZimXpress App.

ZIM-XPRESS APP.

FY 2024

'ZimXpress, the best online shopping platform in Zimbabwe.'

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To Our Stakeholders

STRATEGIC HIGHLIGHTS

The Zim-Xpress App is an innovative idea strategically aimed eradicating the dependency of Zimbabweans on foreign online shopping sites/apps in-order to acquire their desired products. It ensures the initialization of the first step of uniting the Zim Market and the buyers and this will not only be efficient but will lead to higher levels of productivity and demand for the native products and boost economic stability.

FINANCIAL HIGHLIGHTS

The use of this app will ensure the stability of the Zimbabwean currency as it will be used with integrated payment methods like paynow, ecocash , visa etc. Ensuring the circulation of money in Zimbabwe and decreasing 'imported Inflation' that is acquired from importing goods from other states.

OPERATING HIGHLIGHTS

The Zim-Xpress App will operate in Zimbabwe only as the basis of all localized online shopping whereby local stores can register and setup their online shops, customers can also register , view and buy the desired products and guarantee of quality products will be ensured by the Quality Control Team that will verify all stores and their products to reduce frauds and also a preventative system will be introduced whereby the money paid to the shop will be held in a Zim-Xpress account until the product has been received/delivered just so as to carter for refunds and this will increase trust amongst the buyers and discourage dishonest suppliers.

LOOKING AHEAD

With the proper deployment and marketing, Zim-Xpress will become the biggest most trusted online shopping app in Zimbabwe and Midlands State University should be on the forefront of the movement .

Midlands State University
Innovation Hub
October 10, 2024

Financial Summary

The financial requirements are not too much as most of the costs have already been incurred throughout the development of the App.

The remaining cost :

- Google Firebase Blaze plan ($50) – for proper firebase usage, analytics and control.
- Google Play Developer's Console ($50) – for Android app deployment on playstore.

"What is ZimXpress?" :

The Zim-Xpress App is an innovative idea strategically aimed eradicating the dependency of Zimbabweans on foreign online shopping sites/apps in-order to acquire their desired products. It ensures the initialization of the first step of uniting the Zim Market and the buyers and this will not only be efficient but will lead to higher levels of productivity and demand for the native products and boost economic stability.

It includes an interface for both the customer and the shop, where by after successful registration and role-selection, it will navigate the user to designated home page.

THE CUSTOMER :

- After login, the customer is navigated to the customer home page where a beautiful UI/UX designed interface will display the various products being offered by the different stores .
- The customer has the ability to add products to their cart , checkout, chat with the shop inside the app, review shops and able to track their product on a google maps that is embedded into the app where they will be able to see every movement of their order in real time and also see the estimated time of delivery.
- Able to pay for products using various Zimbabwean Payment Methods like Eco-Cash, One-Money, Visa, MasterCard and Paynow.

THE SHOP:

- After login, the shop is navigated to upload a user profile which includes the profile picture, shop description and payment receiving methods.
- The shop is able to add products.
- Update product details and promotions.
- Handle checkout operations and update order information on the order tracking screen that is displayed to the user.

Benefits to Zimbabwe

EASE OF ACCESS FOR BASIC GOODS

- Shops like OK, PIC n PAY etc can setup their shops on the app and allow for people to order their groceries at home and just go to collect the groceries or have them delivered at home.
- Fast food outlets can also use this above feature to deliver their goods to their customers who can order on the app.

INNOVATION AND PRODUCTIVITY

- This will pave the way for other developers to be inspired not to graduate and leave the country looking for greener pastures but rather stay in Zimbabwe and help develop our country into a first class world country.
- The app will have a lot of services and even include ease of access to online services like indrive and pango which are also Zimbabwean innovative apps .

VALUE ADDITION TO THE NATIVE CURRENCY

The app will help in eradicating the use of foreign shopping apps like e-bay, amazon, temu, shein etc and stop feeding other countries with revenue while the same products are readily available in Zimbabwe.

This will enable the reduction of imported tax whereby less goods will be imported but more locally produced goods will be bought. ("***PROUDLY ZIM***").

STATEMENT OF CASH FLOWS

- The use of native payment methods will help promote Zimbabwean businesses thrive and make profit ie, promoting EcoCash and OneMoney.
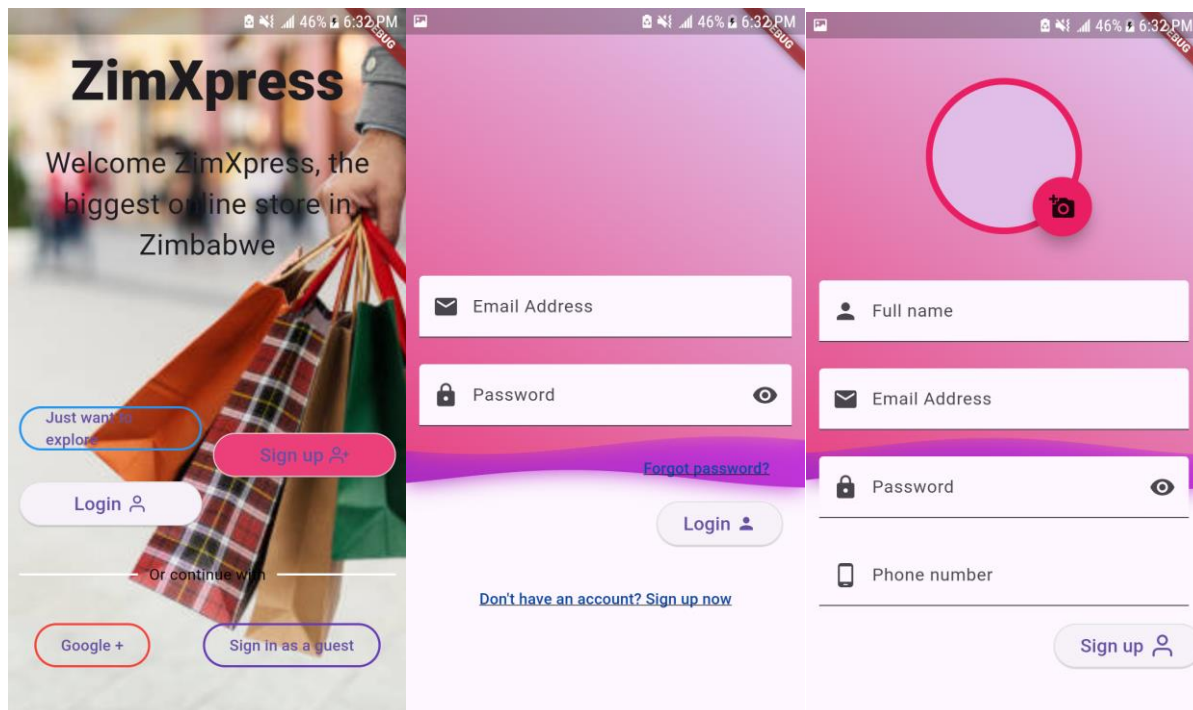- Visa and Mastercard payment intergration is supported .

UI/UX Designs and Interfaces

ZimXpress was developed using Dart in Android Studio.

LANDING PAGE

The landing page is the first page that loads at first run that will display options of Logging in and Signing in to the user and after user choice, it navigates them to the correct page chosen.

LOGIN PAGE

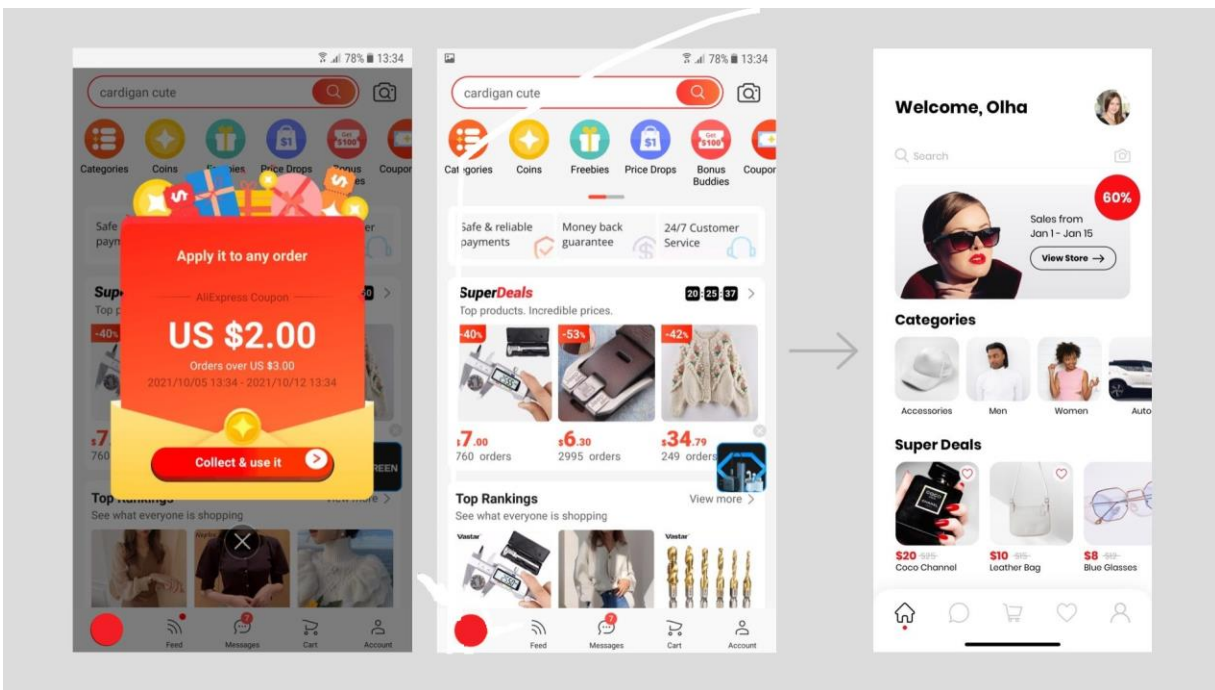The page that implements a login function to an already existing user.

SIGNUP PAGE

The page that implements the registration of a new user both a customer and a shop and navigates the user to the designated page in accordance to the user role selected.

SHOPPER EXAMPLE INTERFACE

The basic syntax of the shopper home page .

Project Team

My name is Michael Mlungisi Nkomo the Project leader , a level 1.2 computer science student who is an aspiring Data Analyst/Software Developer.

I'm appealing to the innovation hub to be as considerate enough so as to allow me and my group to join the MSU innovation hub as a group of junior developers. We are in dyer need of financial assistance as most of my group members are very good developers but struggle to keep up with the payment of the school fees.

Some of the members had deffered a few times because of the issue of the fees but nonetheless we managed to start a few companies of our own in-order to cope with the fees.

Two Companies where formed :

- **Kedarcv-Tech** which is an online store for web development services including website creation , domain registration and also hosting .
- **<BroCode>** which is a collective of Kedarcv-Tech is the one that offers all App development services .

The team consists of 4 members only who are all experts in a different type of programming language :

1. **Michael Mlungisi Nkomo (R245142R) :** Founder of Kedarcv-Tech, Project leader and expect in *DART, JAVA ,JAVASCRIPT , APP AND WEB DEVELOPMENT.*

2. **Munyaradzi Namailanga (R243100H) :** Co-Founder of <BroCode>, expert *in JAVASCRIPT, REACT ,DJANGO AND APP DEVELOPMENT.*

3. **Neil N. Choeni (R241503J) :** Project Manager , expert in *PYTHON, JAVASCRIPT ,NODE.JS AND APP DEVELOPMENT.*

4. **Takura M. Hove () :** Frontend developer , expert in *HTML, CSS, TYPESCRIPT AND PYTHON.*

Contact Information

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