

Criterion E: Evaluation

Evaluation of the program:

Success Criteria	Were the success criteria met in the final product?	How were the success criteria met?
Account Registration	Yes	The user is able to register an account in the account registration page
Account Login	Yes	The user is able to login in to an account in the login page
Account Management	Yes	The user is able to update their profile account
Bottom Menu Bar Navigation	Yes	The user is able to navigate different dashboard pages e.g., home, store, profile, order page with its necessary elements
Store Registration	Yes	The user is able to register a store if they do not have one
Store Management	Yes	The user is able to update their store details
Product Registration	Yes	The user is able to register a new product inside their store with product details
Product Management	Yes	The user is able to update the existing details of their product
Delivery Registration	No	Due to limited development time, the success criterion was excluded
Delivery Management	No	Due to limited development time, the success criterion was excluded
Product Page	Yes	The user is able to visit the product page with product details.
Store Page	Yes	The user is able to visit farmer's stores and view their products
Order List	Partially	The GUI and backend development are done. However, due to limited development time this feature is partially implemented and does not currently function.
Shopping Cart	Yes	The user is able to view their shopping cart and make updates to their carts
Community Feature	Partially	The user is able to join a community with their ids and password. However, the user is not able to create a community as of now.

Checkout	No	Due to limited development time, the success criterion was excluded
Delivery	No	Due to limited development time, the success criterion was excluded
Order Completion	No	Due to limited development time, the success criterion was excluded

The majority of success criteria were met and some did not make it due to time constraint. As the development starts, there are several redevelopments of an existing solution. Redeveloping the transfer request and response data to Retrofit and JSON were the greatest overhauls during the development. However, this redevelopment is necessary to allow for program functionality such as array lists with JSON.

The program was tested on multiple different android emulation. The emulation is done to ensure that the program would run smoothly in different resource condition. Several phone ram size and processor cores were tested to test the stability of the program.

The layout of the final product deviates from the original prototype per client's request. The client requested several new features to be implemented in different pages such as the discover product, discover stores, and new product release in home page.

The current state of the program fulfils the goal of being an advertising and networking platform for farmers in different areas. It provides functionality of e-commerce of advertising products though the platform. However, several measures to improve the program as a farmer's marketplace originally envisioned is still required.

Client Feedback (Appendix 2):

After reviewing and launching the program in his phone, Mr. A was pleased. Although the market place transaction functionality is not currently working, he was still pleased with the state of the program given how limited the time of development is. He is able to register and view accounts, stores, and products. The cart functionality is helpful for Mr. A to keep track of the products he orders after contacting with other farmers.

Recommendation:

It would be beneficial to complete the program community functionality. Implementing the market place transaction functionality of ordering products and handing the orders. The functionality would reduce the need to contact the farmers to sell their produce. Additionally, chat functionality would keep the communication dedicated to a single platform and ease the communication and networking between farmers.