

Criterion E: Evaluation

Word Count: 209

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Evaluation Against Success Criteria¹ & Client Feedback²

Feedback Form Question Number	Success Criterion Number	Achieved (A), Achieved Partly (AP), Failed to Achieve (F)	Justification
2, 3, 26	1	A	The ease of use of the user interface, usage of native user interface elements and familiar system icons make the app easy to navigate and intuitive.
4	2, 4	A	The product has multi-platform support for iPhone, Mac (and iPad), and the data is synced across the devices using SwiftData CloudKit Data synchronization.
5	3	A	Data is stored securely on user's device separated from other apps, and is also stored securely in an independent CloudKit container when in the cloud.
6	5	A	A product picker is presented at the top of the interface to switch between managing specific products offered by Krupa's Foods.
7	6	A	The product allows the user to store stock details via a modal, and it can be viewed inside the stock tab.
8	7	A	The product implements swipe actions to delete the stock entries from the stock tab.
9, 10	8	A	The product checks whether sufficient stock is available when placing an order, and the missing quantity is marked as pending and an alert for re-ordering stock of that quantity appears in the Stock Tab.
11	9	A	The product employs a custom algorithm to consume available stock based on the quantity of the order that is being placed.
12	10	A	The product's "Add Order" form allows the user to fill in and store details about the customer, date/time placed, delivery address, quantity ordered, amount paid, and order notes.
13, 25	11	A	The product implements a custom handler for sending WhatsApp/iMessage screenshots to Google Gemini to interpret details about an order and auto-fill the "Add Order" form based on the contents of the screenshot.
14	12	A	The product's "Add Order" form is programmed to calculate the unit cost price and compare it to the unit price being sold at, this allows it to present an alert to the user if the order is being placed at a loss-making price and suggests a break-even price instead. But placing an order at a loss is still allowed.
15	13	A	Swipe actions are provided by the product in the Orders Tab to edit the details of an existing order if a custom requests for any changes.

¹ Refer to Criterion A: Success Criteria

² Refer to Appendix E: "Krupa's Foods App" Feedback Google Form

Feedback Form Question Number	Success Criterion Number	Achieved (A), Achieved Partly (AP), Failed to Achieve (F)	Justification
16	14	A	The product allows the user to change the status between pending and complete. Tapping the individual order presents an expanded view with picker options.
17	15	A	The product groups the different orders based on their product status, and section headers are displayed to indicate their status.
18	16	A	Swipe actions are provided by the product in the Orders Tab to delete an order entry.
19, 25	17	A	The product, in the "Add Customer" form, allows the user to import the customer details from their contact stored in the system phonebook.
20	18	A	The product allows the user to edit the existing orders via the "Customers Tab," presenting a new form to store changes to the database.
21, 22, 25	19, 20	A	The product, in the Analytics Tab, presents a chart with calculated Revenues and Profits by calculating the price paid against the cost incurred per order, and shows it on a per-day basis.
-	21	A	A version control system has been implemented via GitHub, all changes to the product code have been committed to GitHub.
23	22	A	The product allows the user to generate an invoice and share it with customers via the system share sheet, once an order has been paid for.
-	23	A	The "Add/Save" buttons are disabled if the required conditions are not met, to prevent incomplete records from being added to the database. (Validation)
-	24	A	An app icon was designed via Figma that incorporates the client's business' logo to represent the app on the home screen.

Feedback from Client

Q25. Is there any particular existing feature that you really liked? *

Yes ! The automatic feature to add the orders is superb, I found it really useful to save time when adding orders since most of my orders these days are recieved via WhatsApp. Same goes for the feature to import details from contacts, it helped me save a lot of time. The revenue charts are also very good and tapping on them allows me to specific details, these are some really good features that I did not expect to be there but I am very happy with them.

Q29. As we come to the conclusion of this initial development process, do you feel like the product *
I built has helped you in the management of "Krupa's Foods?"

Yes. Definitely. Thank you so much for this excellent app. I am really happy with this and it has helped me make the order taking process so much simpler and easy to do. I am much less worried about forgetting to deliver orders now and being able to see all the calculated profits and revenue is also a great feature. Generating invoices has also made it easy for me to send the bill to some customers who request the invoice. Overall I am very satisfied with the app and it meets all my expectations and has so many good features that I did not expect to be there and all of this has definitely helped me in managing Krupa's Foods.

Figure 1. Feedback from Client (Google Form)³

Recommendations from the Client

Q27. Do you think there is any room for improvement in any of the existing features? *

I really liked the fact that the data is shared on my MacBook and iPhone, and that gave me an idea that since my sister and nephew also ocassionally assist me with bringing in new clients, it would be useful to have a feature to have the data shared with their devices also so they can also add orders and stock. Maybe this can be added in a future version.

Also, it would be good if I could set a selling price and the app could automatically calculate the price for the order based on the quantity of the product I select. Currently, the price needs to be entered manually which is not a bad experience but there is definitely room for improvement here.

Q28. Do you have any recommendations for future enhancements? *

Nothing apart from the ones I mentioned in Q27.

Figure 2. Recommendations from Client (Google Form)⁴

³ Refer to Appendix E: "Krupa's Foods App" Feedback Google Form

⁴ Refer to Appendix E: "Krupa's Foods App" Feedback Google Form

Developer Recommendations

Throughout the development process, I have had ideas that I would like incorporated in this application for future improvements to the user experience. Some of these include:

- **Share orders directly with the app:** Currently, using AI-autofill for adding an order involves opening “Krupa’s Foods”, clicking ✨, choosing a WhatsApp screenshot, and waiting for data processing. This has fewer steps than manual entry, but it could be simplified to allow direct sharing from WhatsApp without opening “Krupa’s Foods”. This could be achieved through a “Share Extension” or integrating the app with Siri for voice commands.
- **Genmoji Integration:** Currently, regular emojis are used to add life to the user interface. Unfortunately, not all of my client’s products can be captured using emojis—although there are “good-enough” substitutes. Allowing the use of Apple Genmoji via integrating NSAdaptiveImageGlyph support for the icon will allow my client to generate emojis to best represent her products.
- **Advertisement Forwarding:** I noticed my client prepares advertisements to promote her products after purchasing stock or preparing a new lot. In a future version, I could add a “Promote” button to the customers tab. This button would allow my client to choose an image and automatically broadcast the advertisements to all her customers by utilizing the WhatsApp API.