University of Liberal Arts Bangladesh

Course Code and Section: CSE 438 (01)
Course Title: Smart Phone Application Development

Project Title
Blissful Essentials – 'Your Desired Lifestyle'

Submitted By

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Software Requirement Specifications (SRS)

1. Introduction

Serial No	Characteristics	Description
1.1	Purpose	● The purpose of this Mobile application will be to create a user-friendly application for makeup and skincare lovers who are extremely conscious about the face and body skin. This application will motivate and enable them to Purchase safe and authentic products for their skin at a reasonable price along with real-time and quick consultancy service for skin health queries.
1.2	Intended Audience and Reading Suggestions	● The intended audience is teenage girls, Gen Z girls, and aged women who need extra special care for their skin according to their age. ● The admins and the moderators who will be the controllers of the system are also included in the audience. ● This project will be restricted to the admins, moderators, and authentic users of the system.
1.3	Project Scope	● The mobile application will provide users with a seamless and personalized experience, allowing them to explore, purchase, and learn about a wide range of skincare and makeup products. ● The primary motto is to enhance user convenience, offer product recommendations, and provide educational content related to skincare and makeup. ● Besides it, this application will set a culture and example of ensuring and providing proper and safe consultancy from certified beauty consultants regarding face and body skin and offering products to the customers in the skin care market of Bangladesh. ● The application will open earning opportunities for the moderators and the beauty specialists. ● It will save time of the users as this application will be specially made with the feature of providing skin care, and makeup

		products with specialized consultancy services on skin under one roof.
1.4	Reference	The SRS was built using the following website https://krazytech.com/projects/sample-software-requirements-specificationsrs-report-airline-database

2. Overall Description

Serial No	Characteristics	Description
2.1	Product Perspective	● Product Catalogues with ratings and reviews ● Personalized chat system with a moderator or skin consultant ● Dermatology recommended quiz test for skin care product suggestions ● Product and Consultant review system ● Beauty and Skin Care Tips
2.2	Product Features	● Signing in/signing up through phone number/email with OTP facility ● Displaying authentic products with necessary information ● Real-time chatting with moderators and skin experts ● Rating and reviewing the products, and the consultants ● Skin evaluation through quizzes. ● Blogs on makeup and skincare hacks ● Easy-going ordering and versatile payment system ● Recommend specific products to the user by the skin expertise.
2.3	User classes and Characteristic	● Skincare and makeup enthusiasts ● Beginners in makeup and skincare ● Healthy skin concerns ● Authentic and Safe product users ● Beauty Professionals ● Interested in educational content on skincare and makeup ● User who relies on reviews and ratings ● User who relies on a skin care specialist ● User-friendly application users ● Versatile ordering system lovers

2.4	Design and Implement Constraints	● Platform Compatibility: The application needs to work faultlessly on Android devices, iOS devices, tablets, and computer platforms. ● UI/UX design: The UI/UX design of the application should be user-friendly, and modern at the same time visually appealing. ● Performance: The application should perform in an optimized manner to ensure a smooth and responsive user experience. ● Data Security and Integration: The confidentiality of user private data should be secured in a way that will ensure data confidentiality, integrity, and safety. ● Integration with APIs and Third-Party Services: The application may need to integrate with external APIs and third-party services to provide features such as product information, payment gateways, and user authentication. ● Compliance with app store guidelines: The application should be designed and structured according to the Google play store and Apple app store guidelines to launch it on these platforms for user use. ● Maintenance and update: The application should be designed and implemented with a scope for future updates, bug fixes, and maintenance.
2.5	Assumption and Dependencies	● User will have a smartphone and internet connection. ● User will provide authentic and accurate information about her skin. ● Users are interested in using reasonable and imported products. ● Users are consent to the collection and usage of their personal data as outlined in the privacy policy.
		● User will need internet connection and smart device to use the application. ● Application is dependent on the fulfilment of the guidelines by the Apple app store and Google play store to launch it on these platforms. ● The application is depended on the integration with secure payment gateways to handle online payment transactions.

3. System Features

3.1 Functional Requirements

FR No	Requirement	Description
FR 1	Import Products	- Owner will import authentic makeup items - Also, will import authentic skin care products with proper legal documents. - The admin can also update the number of products, description of the products
FR 2	Client Registration	- The client must have to register to use the app. - If needed they can modify that.
FR 3	Products Search	Customer can search products based on categories or brands
FR 4	Products Details	User will be able to see products image, origin, ingredients, price, uses, reviews
FR 5	Products Purchase	- Customers will be able to add items to their shopping cart - Also, they will be able to update the quantity and proceed to complete the purchase
FR 6	Suggest Related products or tips	- System will also automatically suggest related or mostly sold products in the description section. - The moderators will upload mini blogs on skin care.
FR 7	Feedback	The customer will be able to give feedback on the services they will take (review on consultants, moderators, products, or Apps).
FR 8	Chat with Moderators	The customer will be able to chat will moderators for the delivery of the product.
FR 9	Product Recommendations by Dermatologists	The customer will have to attend a query test. Based on that result, the dermatologist will recommend skin care products.

FR 10	Chat with Dermatologist	● If the customer is not satisfied with the query test, they can have a real-time chat with the specialists.
FR 11	Payment Integration	● The customer will be able to purchase products by Bkash, Nagad, or by cash on payment.

4. Non-functional Requirements

NFR No.	Requirement	Description
NFR 1	Performance Requirements	● The system should handle the user request efficiently and accurately both in the mobile app and website ● It should respond to fast actions like product searches, adding to the shopping cart, fast consultation, and suggesting related items. ● The clients could give feedback with minimal downtime.
NFR 2	Safety Requirements	● The consultants should be professional and verified to avoid further problems. ● The users' information backup system should be automated to avoid data loss. ● The OTP should be sent to the user for user safety.
NFR 3	Security Requirements	● The clients' and consultants' personal data should be stored in our database securely and transmitted securely using encryption protocols. ● The app be optimized that will take less space with no virus attack on the device.

Use Case Diagram
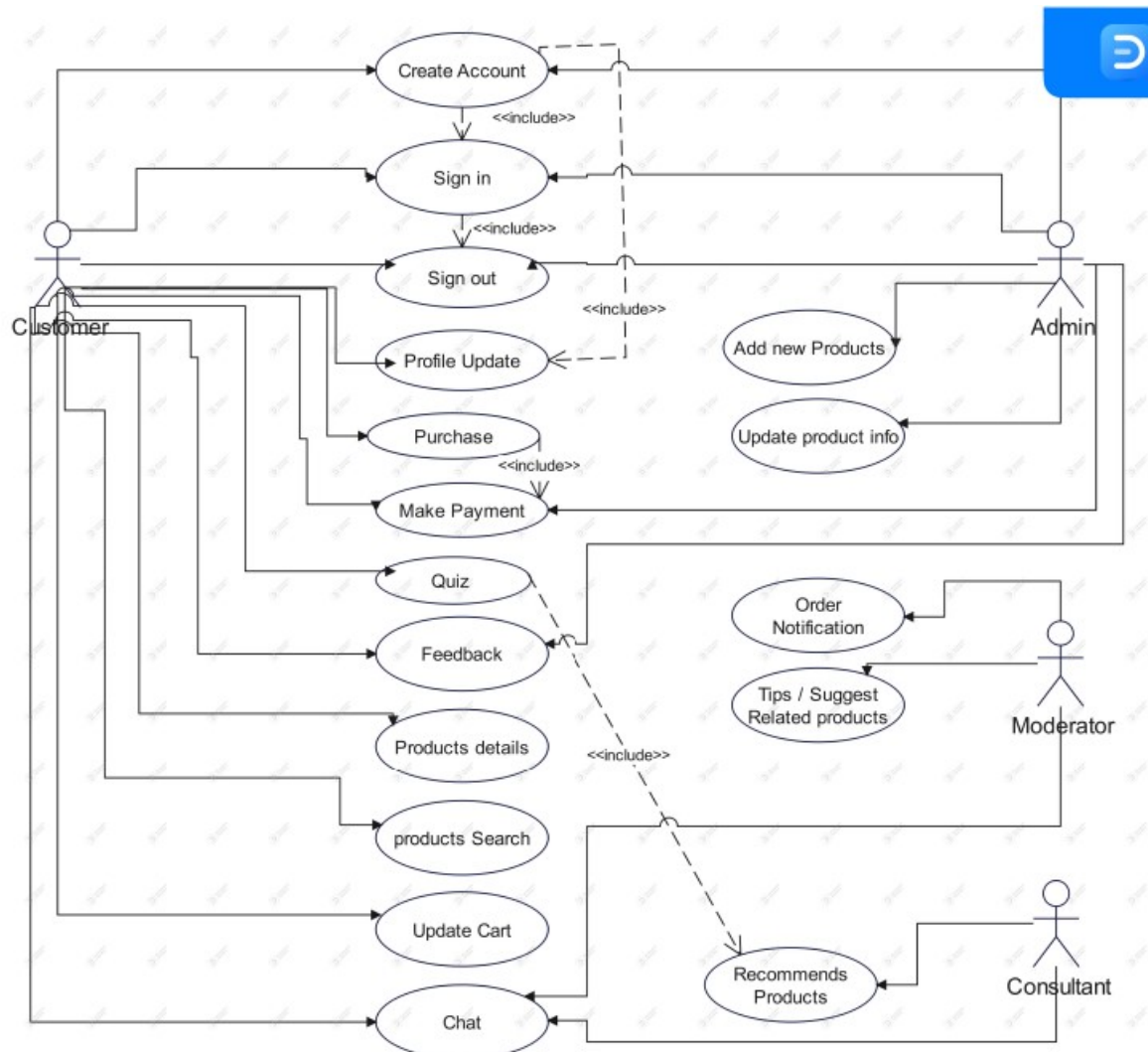
Fig: Use Case Diagram of "Blissful Essentials-'Your Desired Lifestyle'

Application Outline:

Shopper
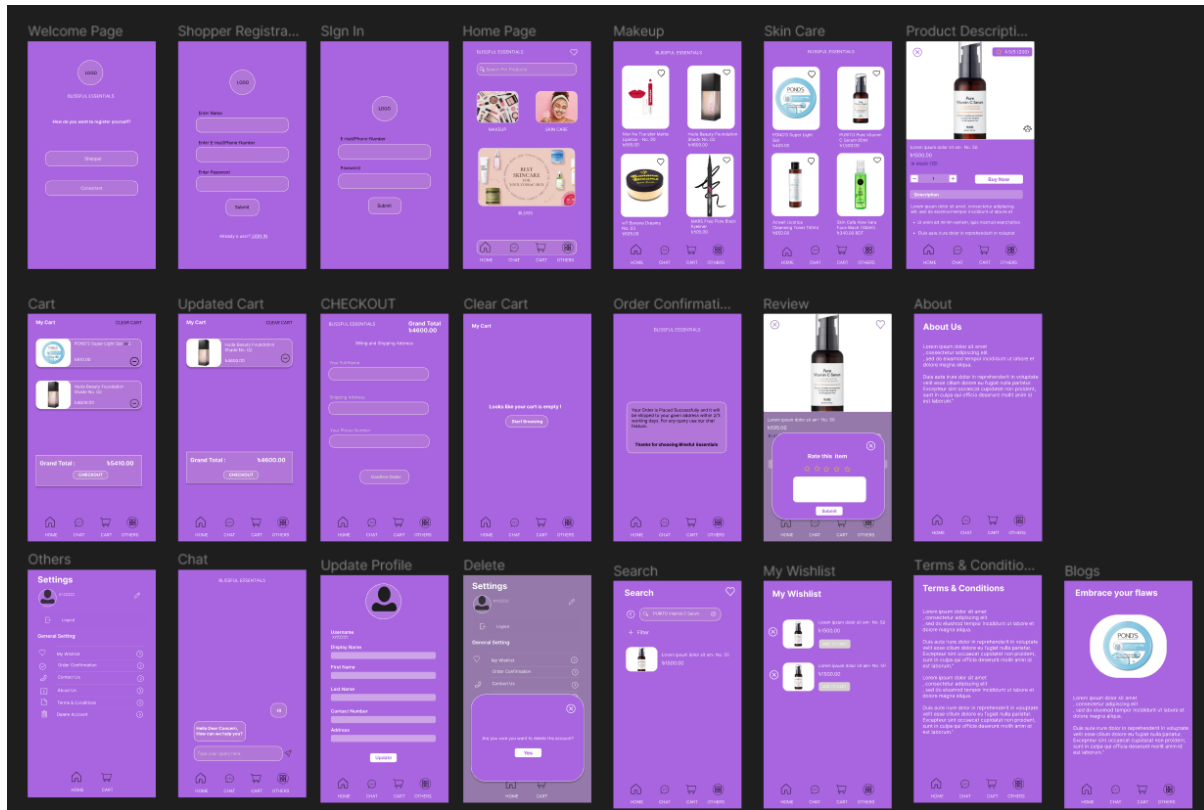
Consultant
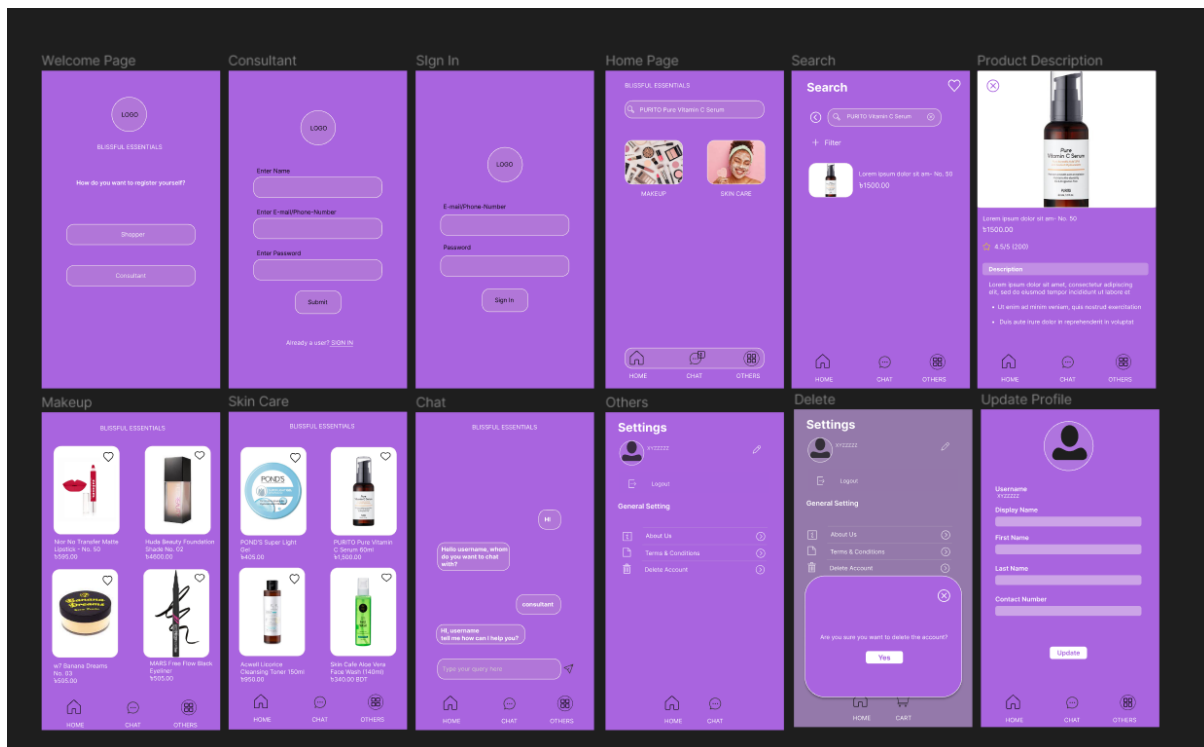
Admin
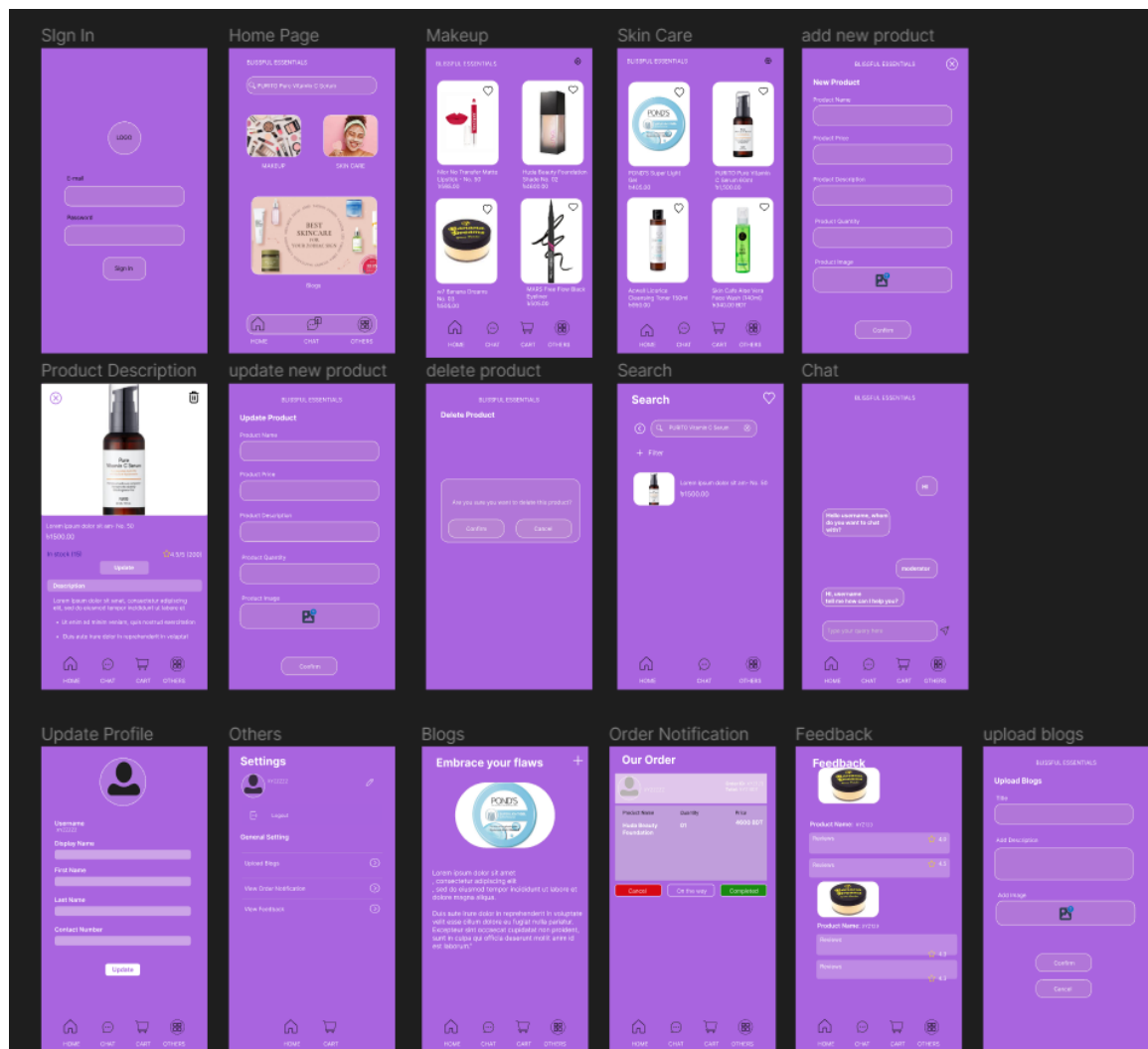
Application Demo:(Shopper)
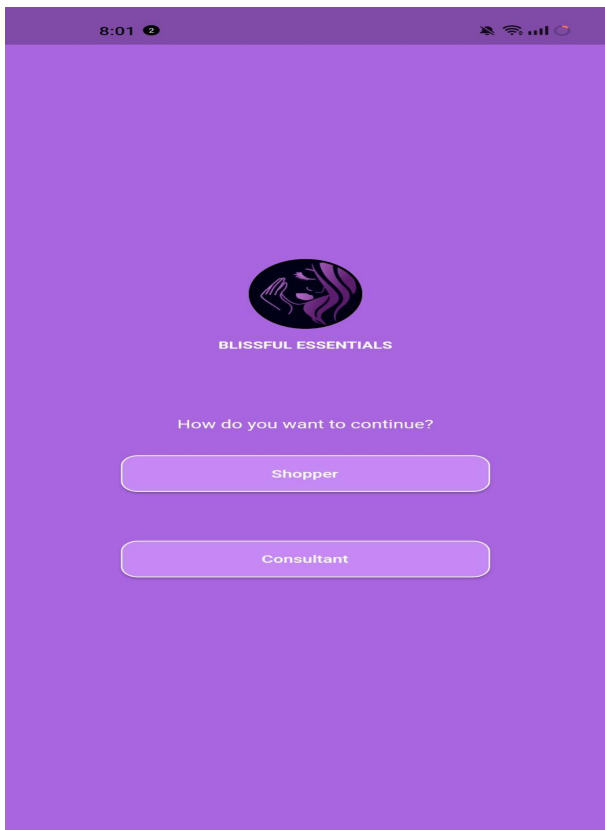
1. **Shopper button**
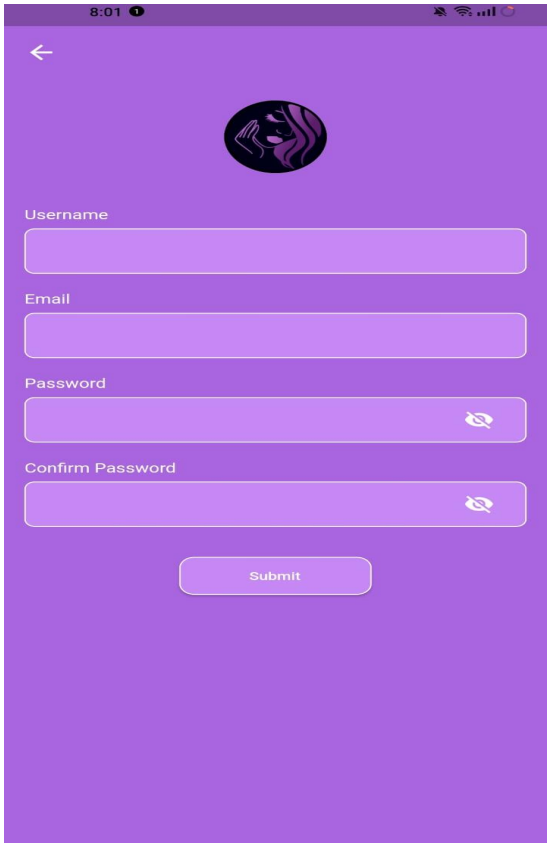
2. Shopper Registration form
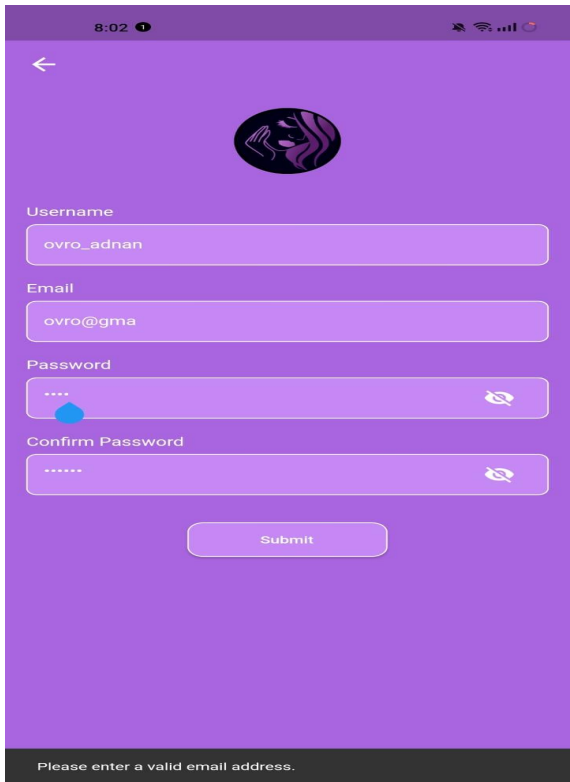
3. **Invalid Email address**
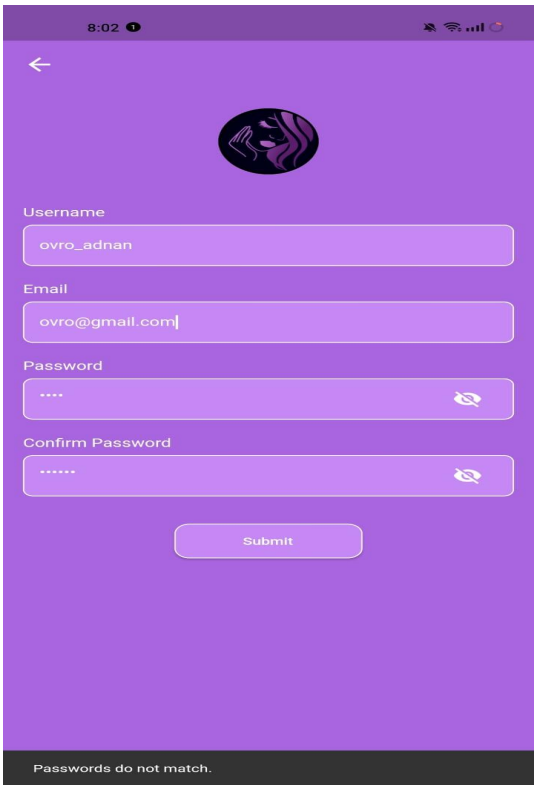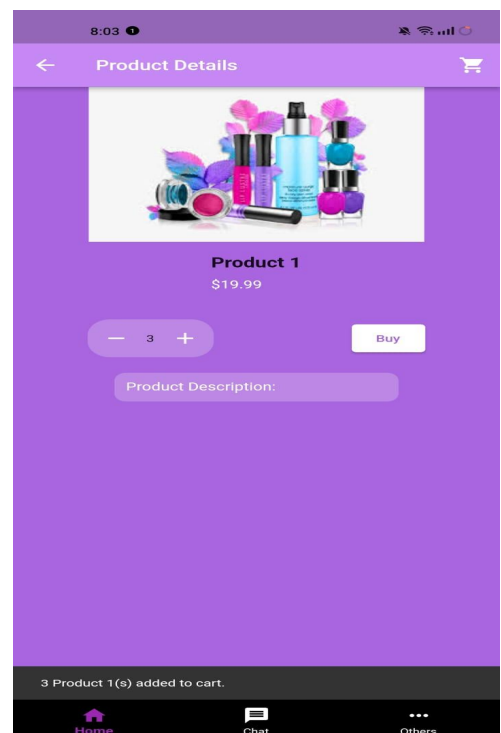

4. **Invalid Password**
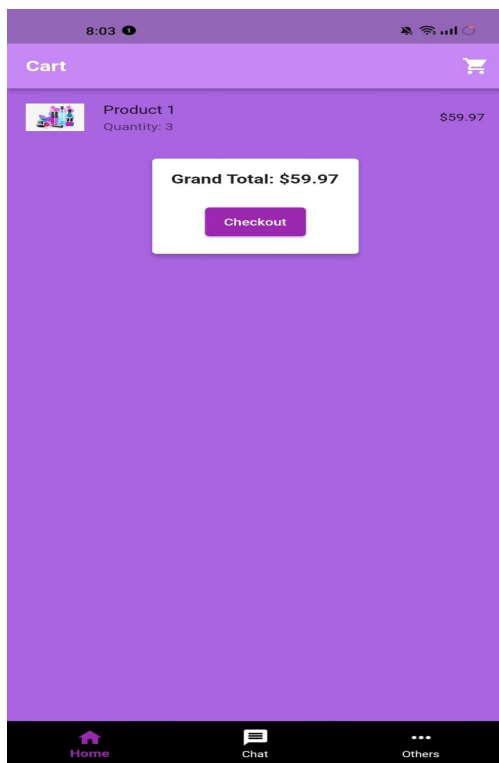
5. All data are provided correctly
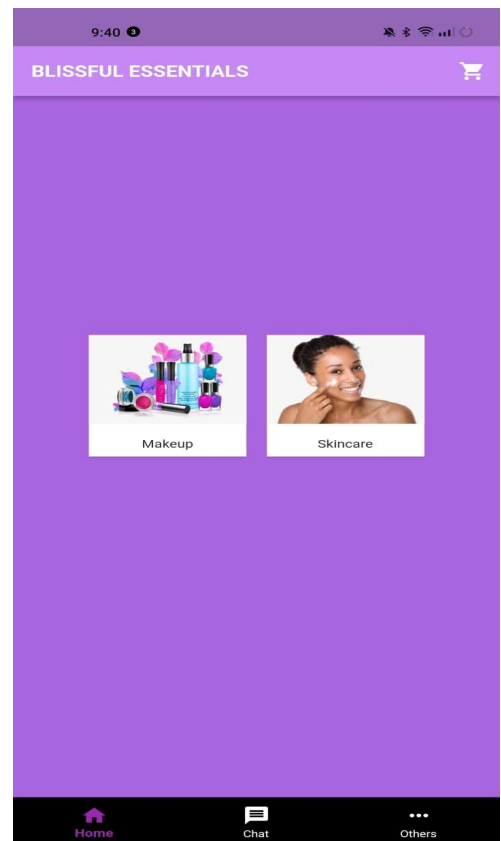
6. Got access of home page after Successfully signing up
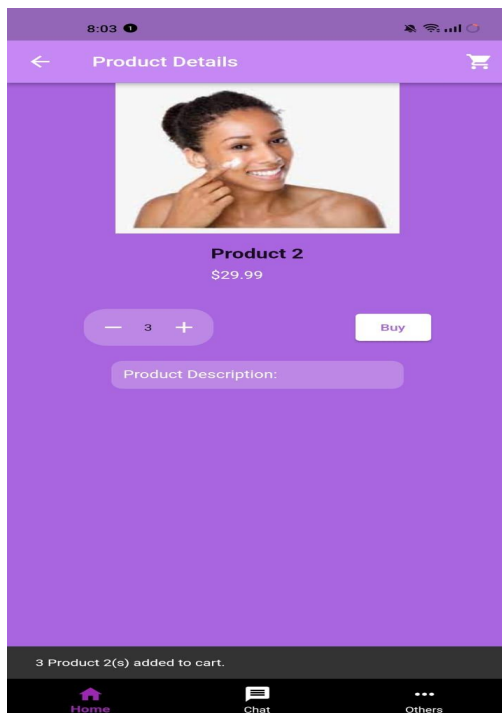

7. Makeup product interface

8. Product details of 'product 1'

9. Added 3 quantity of product 1 in cart
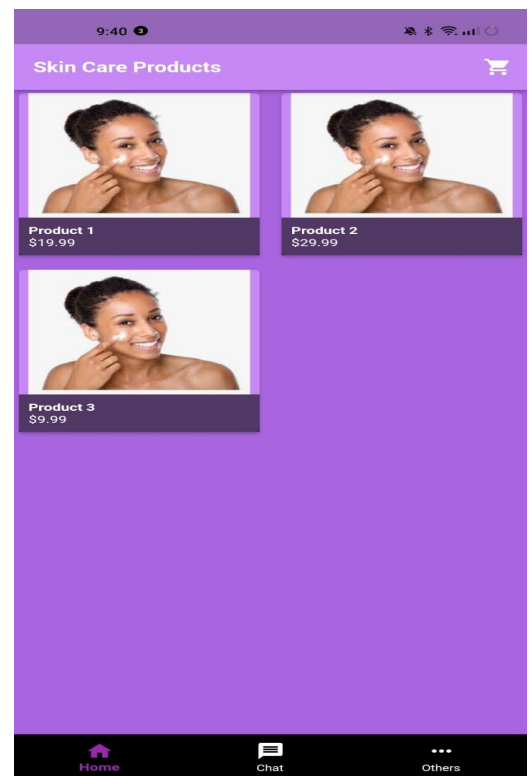
10. Skincare product interface

11. Skincare product details
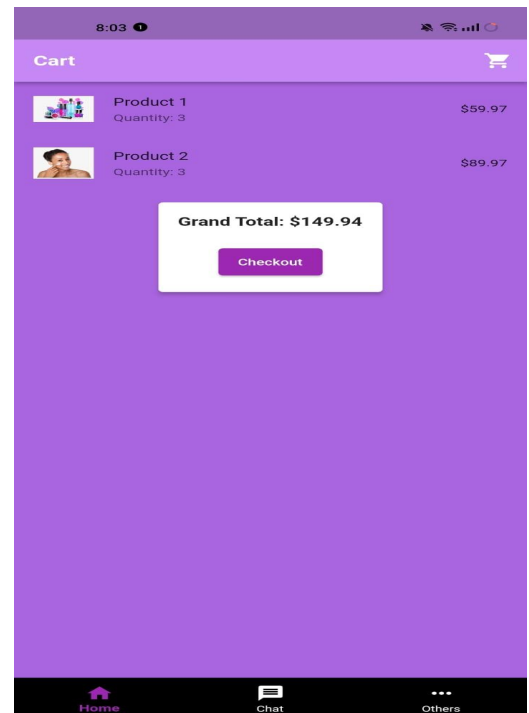
12. Added 3 quantity of product2 on cart
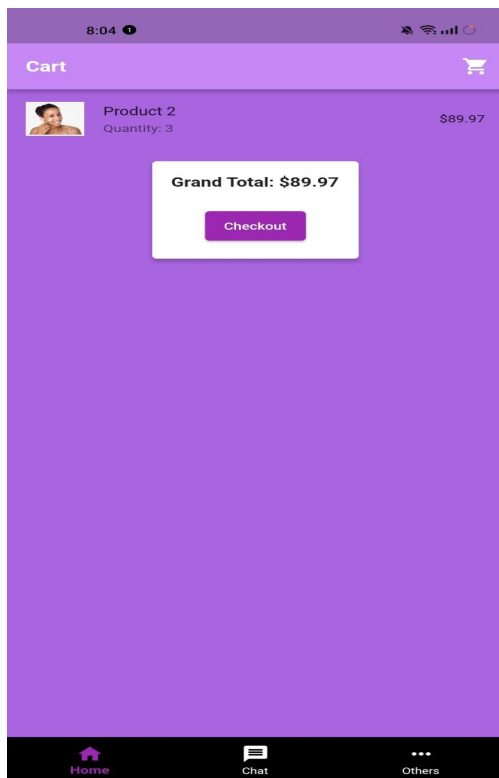
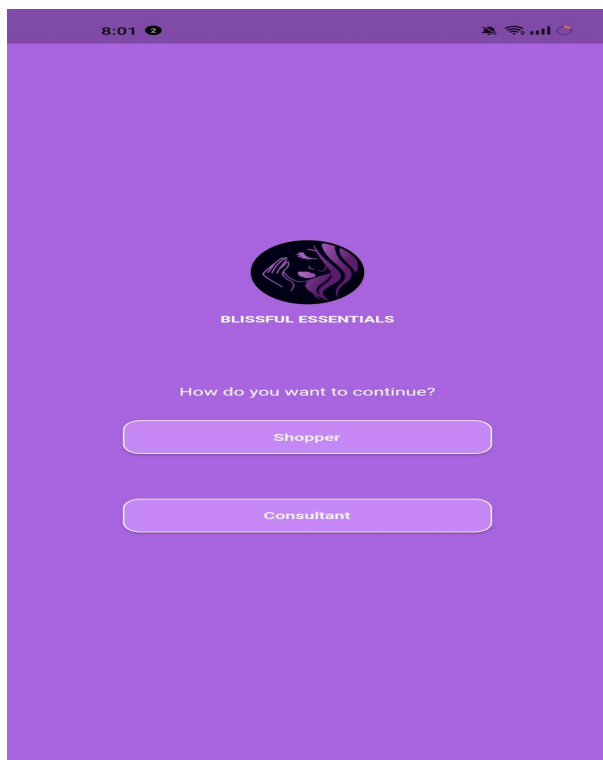**13. After removing one item from cart**
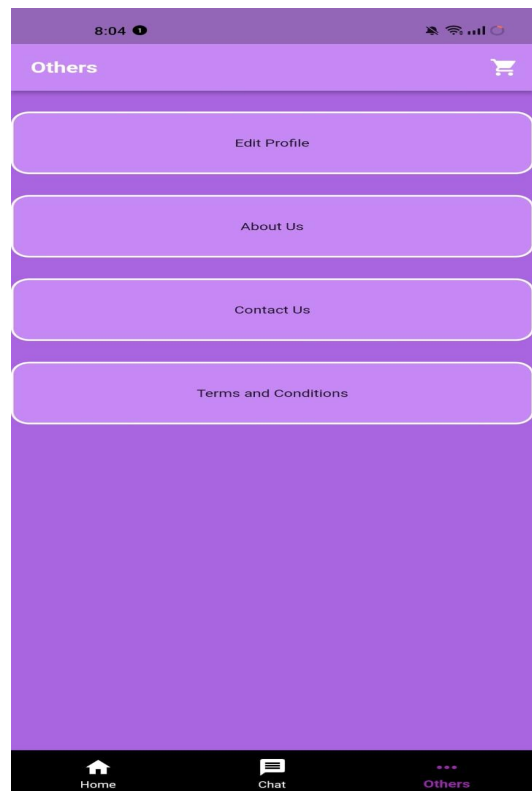
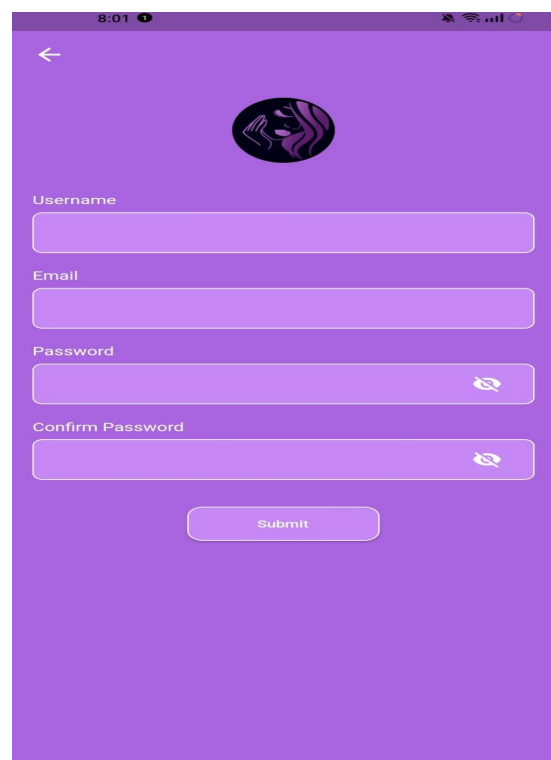**14. Other section of shopper**
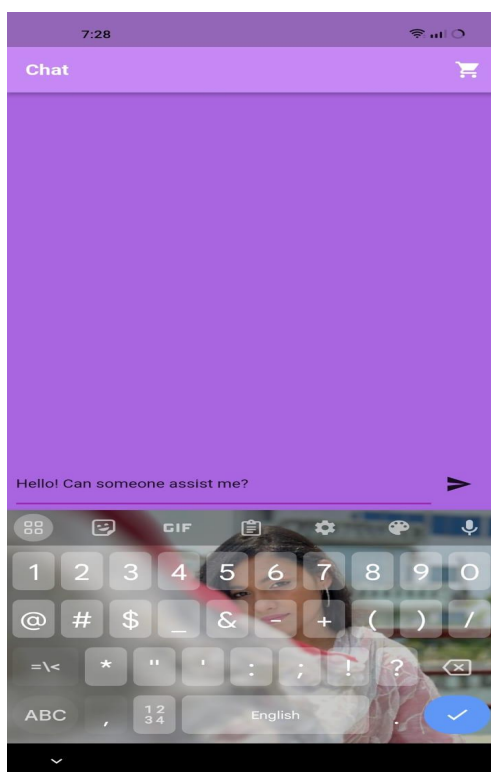
15. Chat Interface
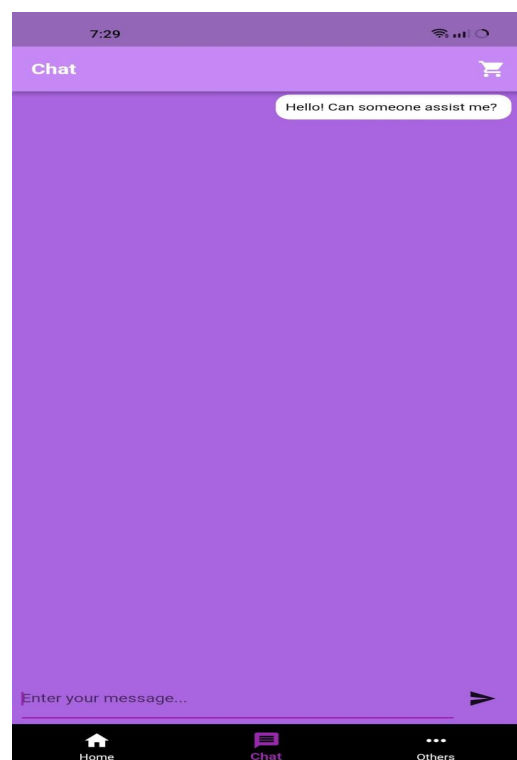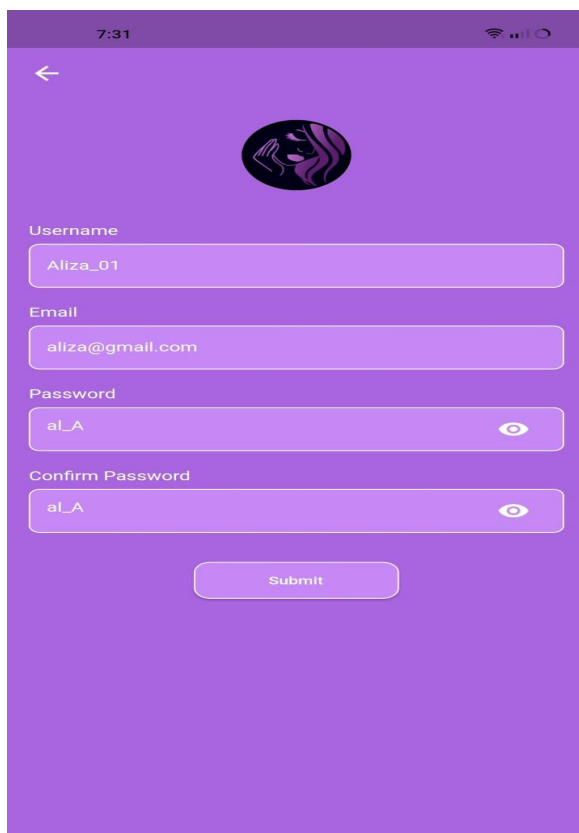

16. After sending the message

Application Demo: (Consultant):

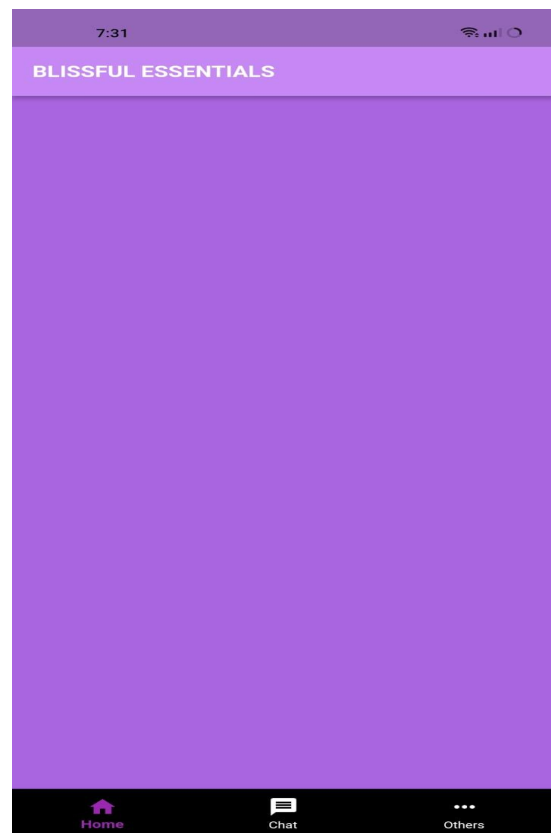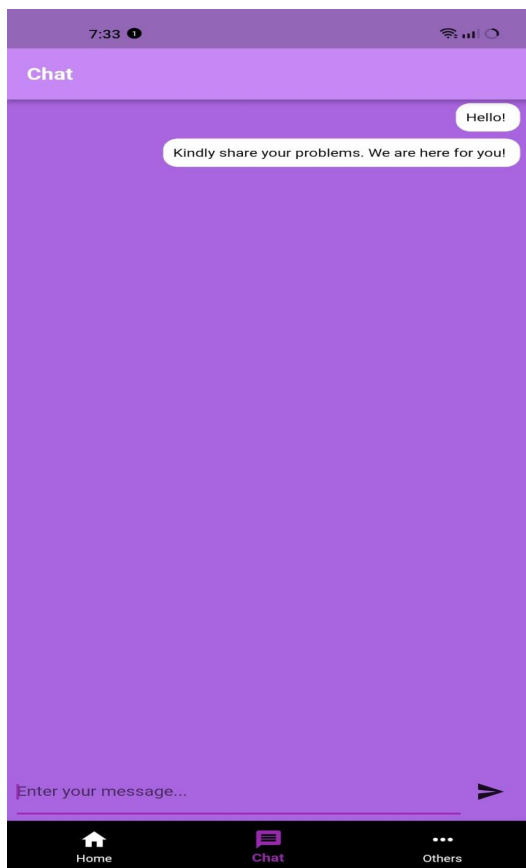**1. Consultant button**

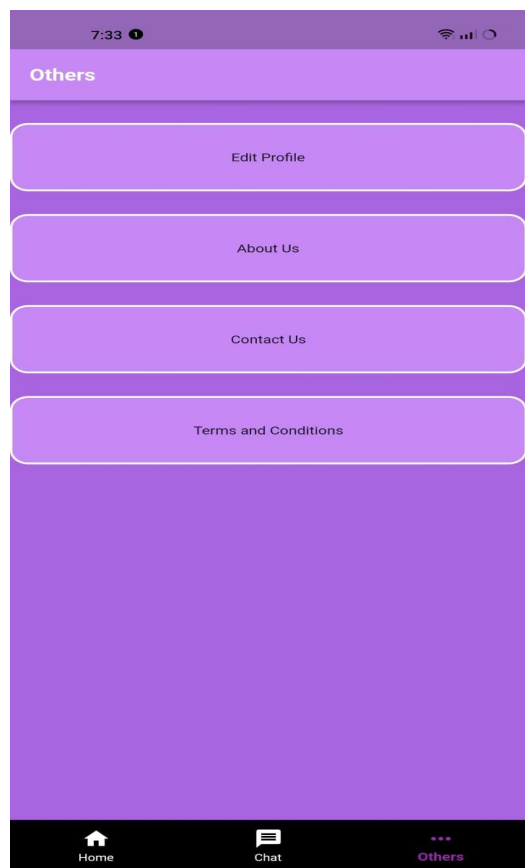**2. Consultant registration interface**

3. All data are provided correctly

4. Got access of home page after sign up

5. Chat interface of consultant

6. Others section of Consultant