

Gl[☆]wGuide



Presented By :

Raghad Alotaibi, Seham Alqarni, Lamees Mohamed,
Raheed Alturki, Shujune Almarjan, Rama Alhumaidi



OVERVIEW

Abstract

Interview Summary

Context Diagram

Requirements

Use Case Diagram

Sequence Diagram

Class Diagram

Prototype



ABSTRACT

GlowGuide simplifies skincare by combining smart technology with real dermatologist support. It helps users identify their skin type, spot issues, and get personalized skincare routines. By blending AI-driven analysis with expert advice, *GlowGuide* makes skincare clearer, more personal, and truly effective.

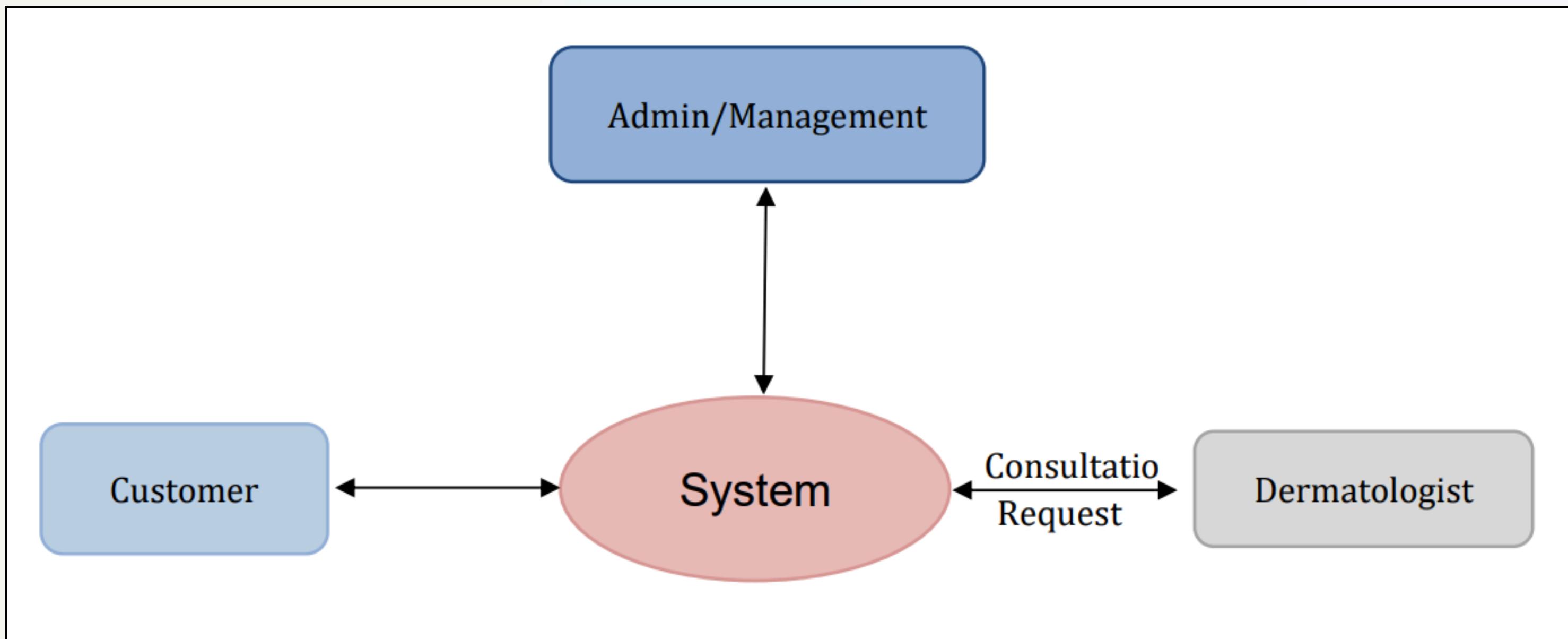
INTERVIEW SUMMARY

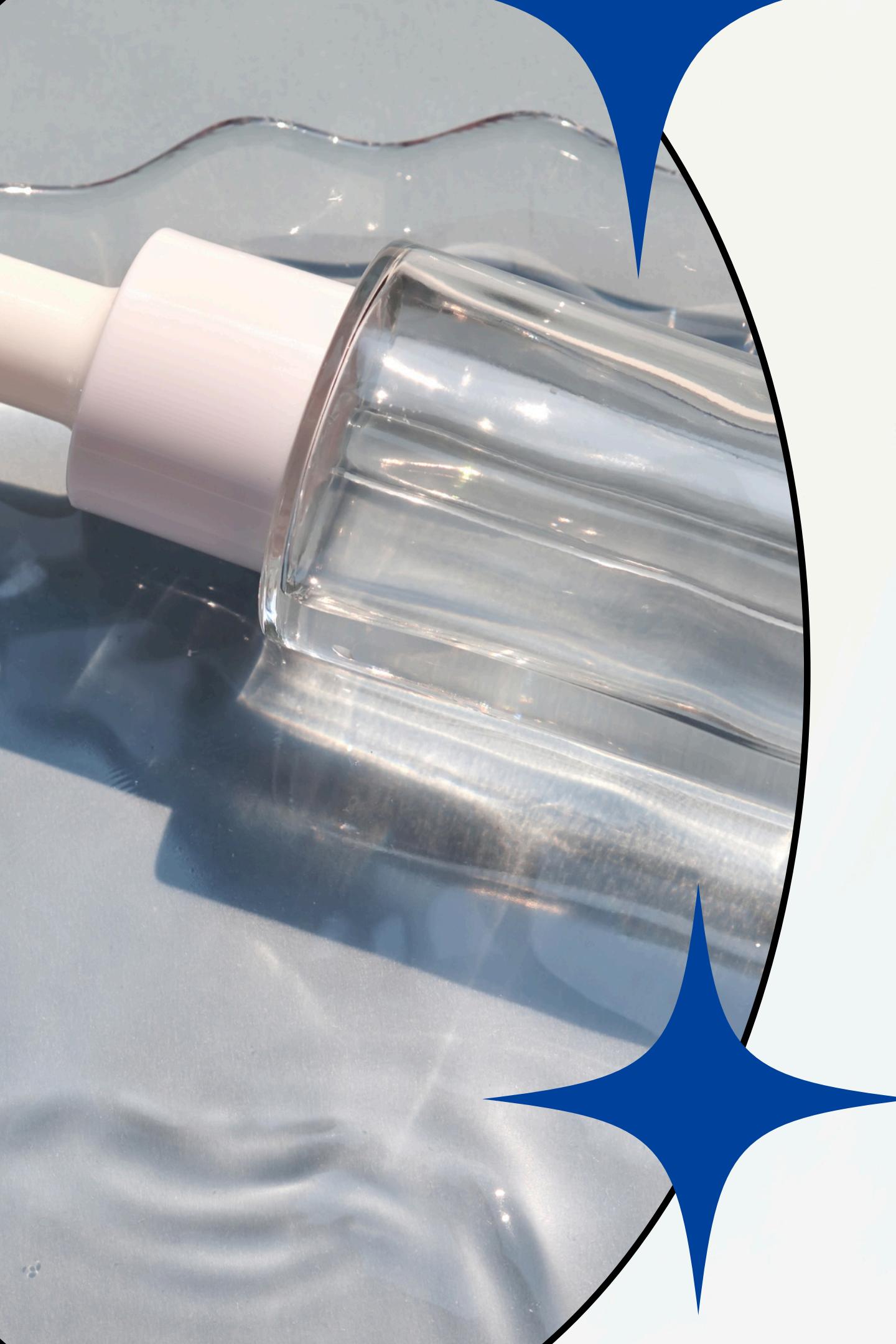
User interviews showed a strong need for expert advice, trusted brands, and personalized skincare guidance. Due to concerns about false ads, overwhelming choices, and trust issues, we shifted *GlowGuide* from a commercial store app to a medical-focused skincare platform.



ANALYSIS PHASE

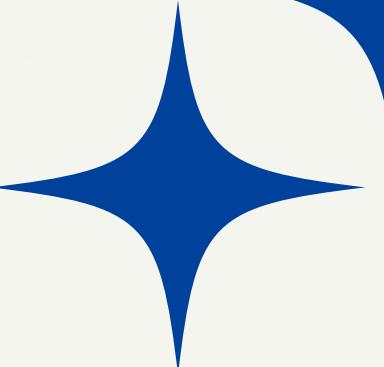
CONTEXT DIAGRAM



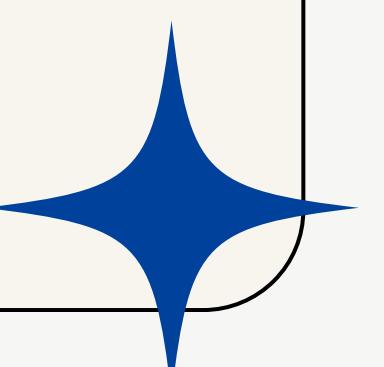


FUNCTIONAL REQUIREMENTS

- Secure user registration and login
- Personalized skincare recommendations
- Image upload for skin analysis
- Connect with dermatologists
- Detailed skincare product information
- Track skincare progress
- Reminders for routines and appointments
- Save favorite products and routines
- Educational content on skincare ingredients
- Compare expensive and affordable products
- Allergy alerts based on profiles
- Submit feedback for improvements
- Print or download skincare reports

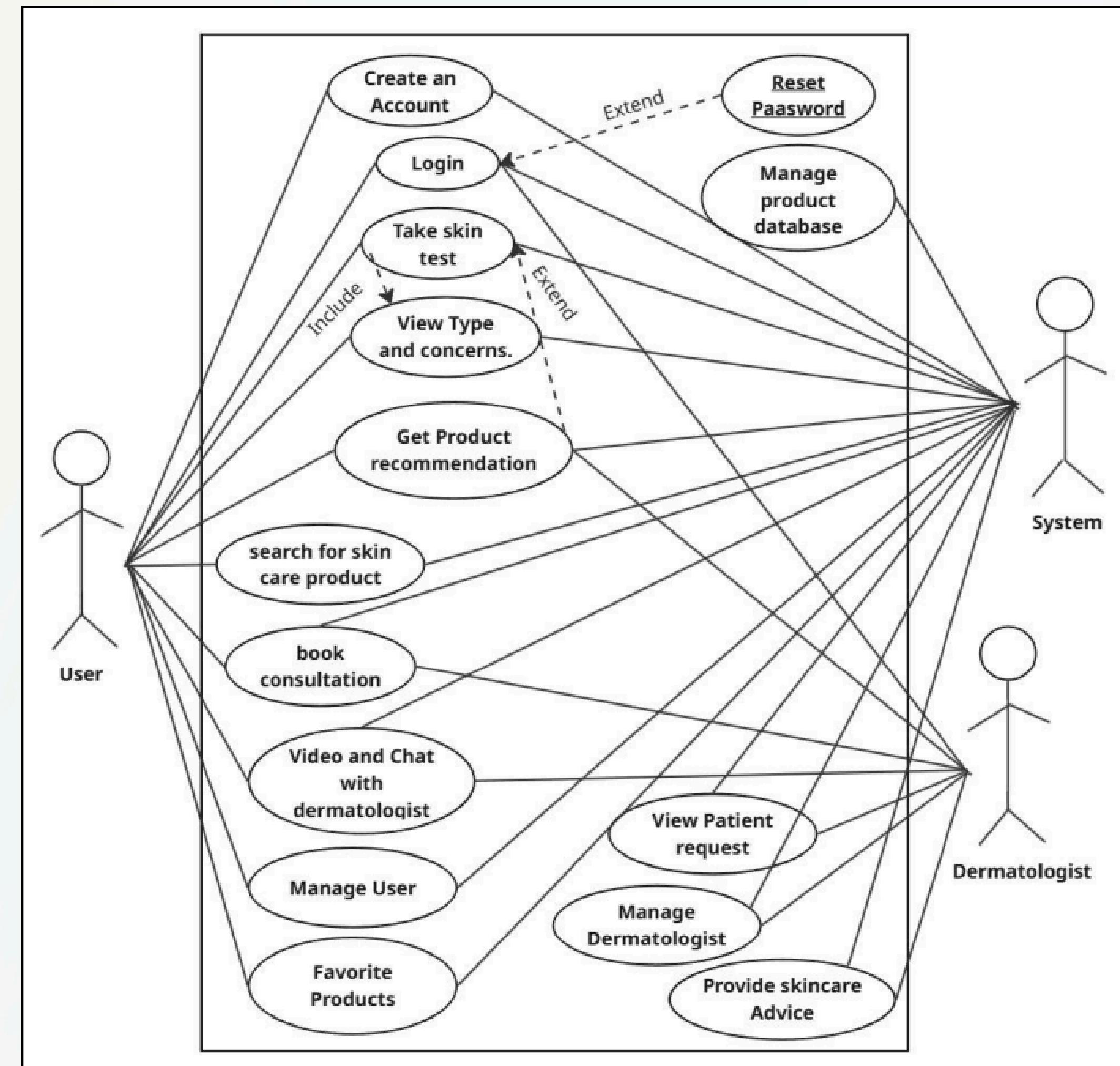


NONFUNCTIONAL REQUIREMENTS

- **Performance:** Process skin analysis in 5-10 seconds.
 - **Security:** Authorized users only for personal data access.
 - **Usability:** User-friendly interface with easy navigation.
 - **Availability:** 99.9% operational uptime.
 - **Scalability:** Updates every three months.
 - **Compliance:** Users must accept terms for AI analysis.
 - **Data Recovery:** Daily backups to prevent data loss.
 - **Backup:** Daily backups to ensure data integrity.
- 



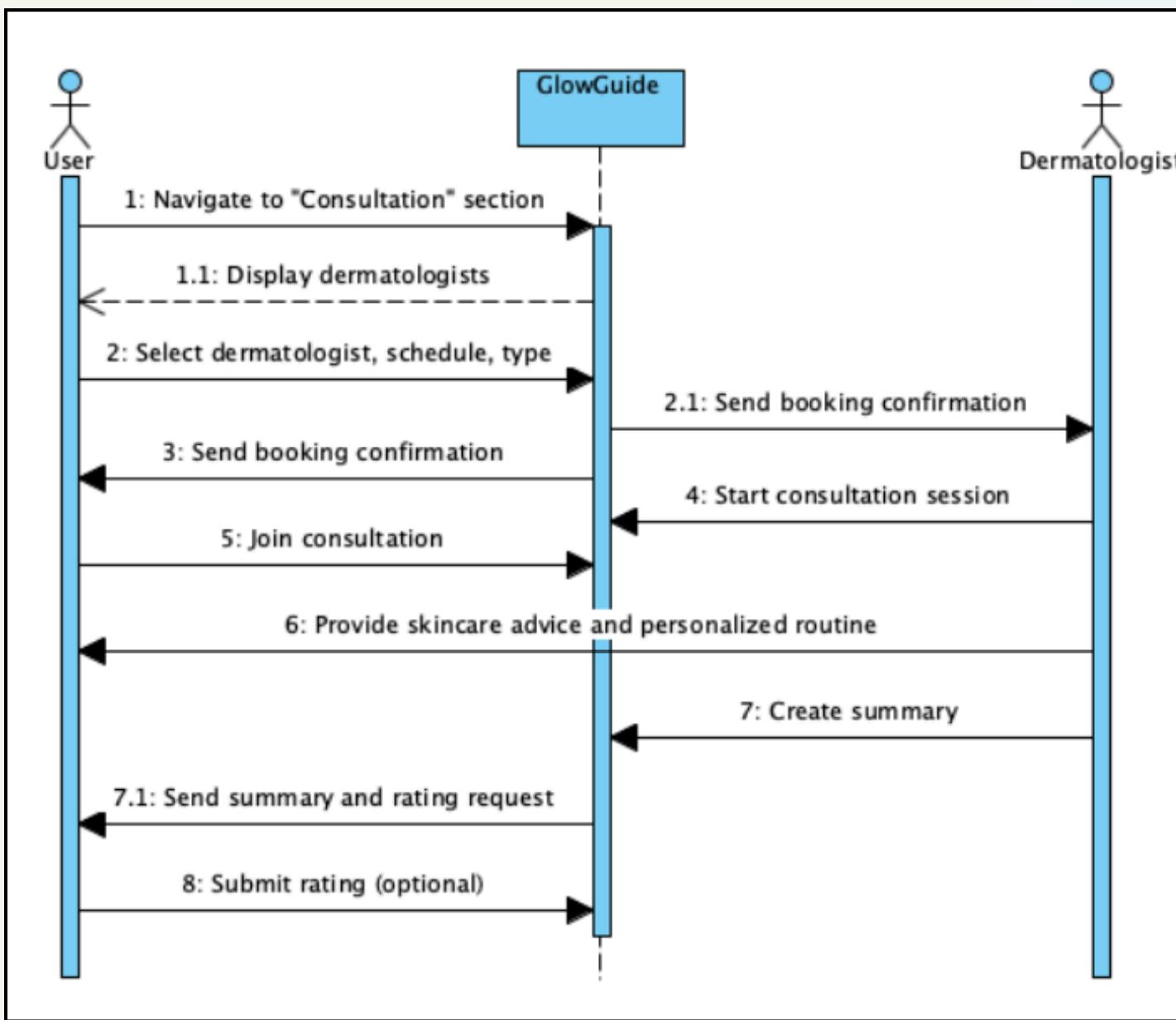
USE CASE DIAGRAM



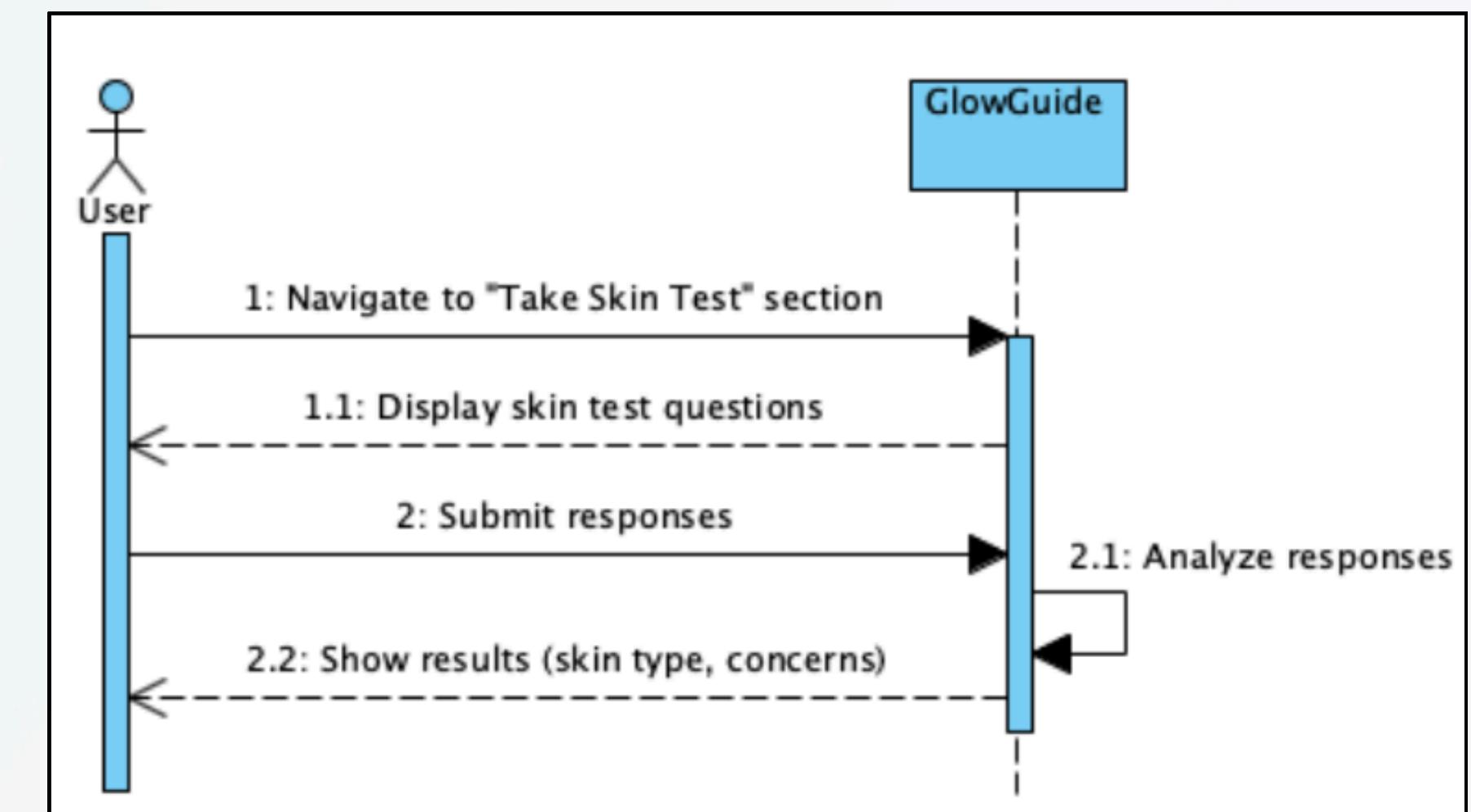


DESIGN PHASE

SEQUENCE DIAGRAM

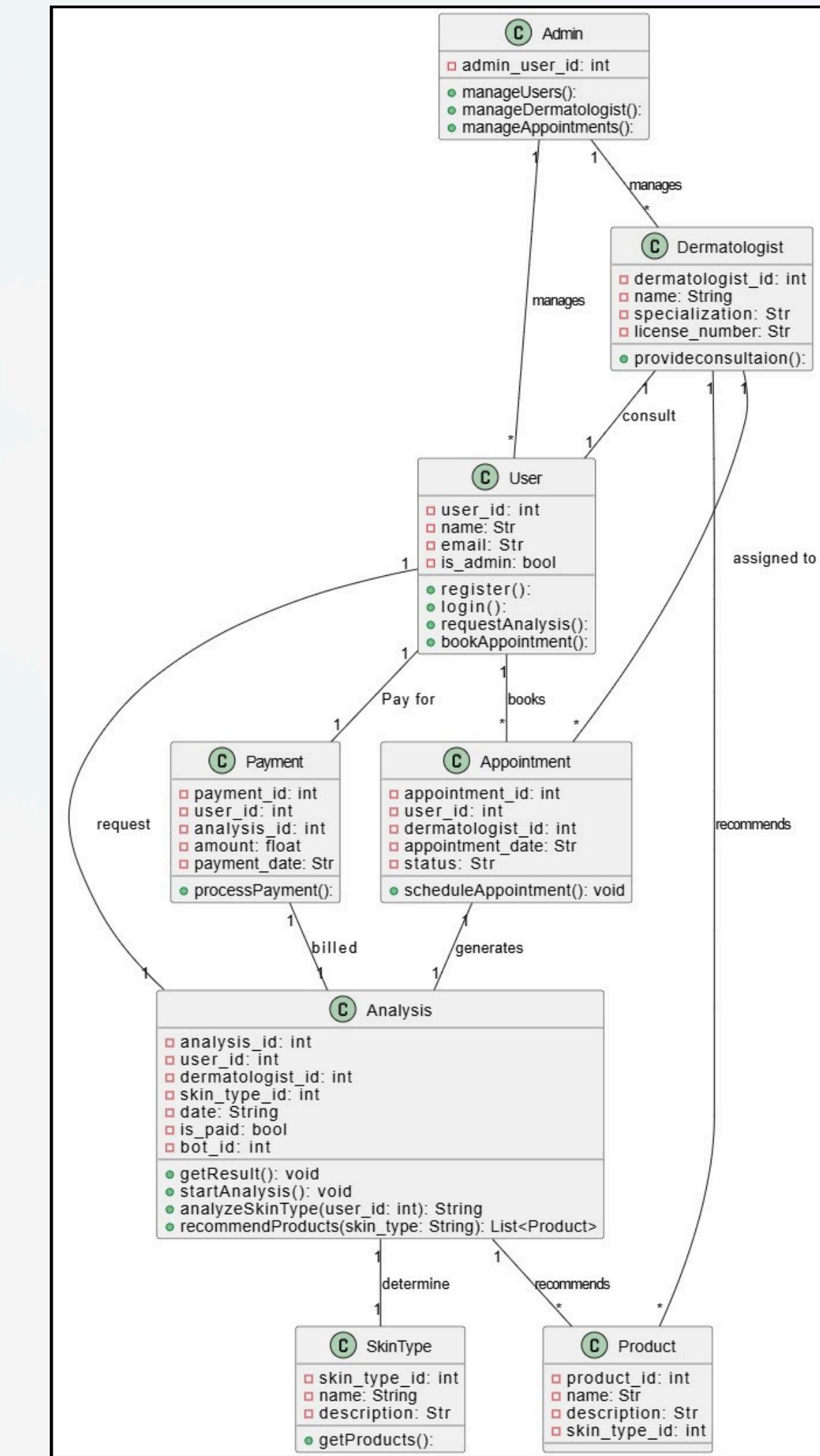


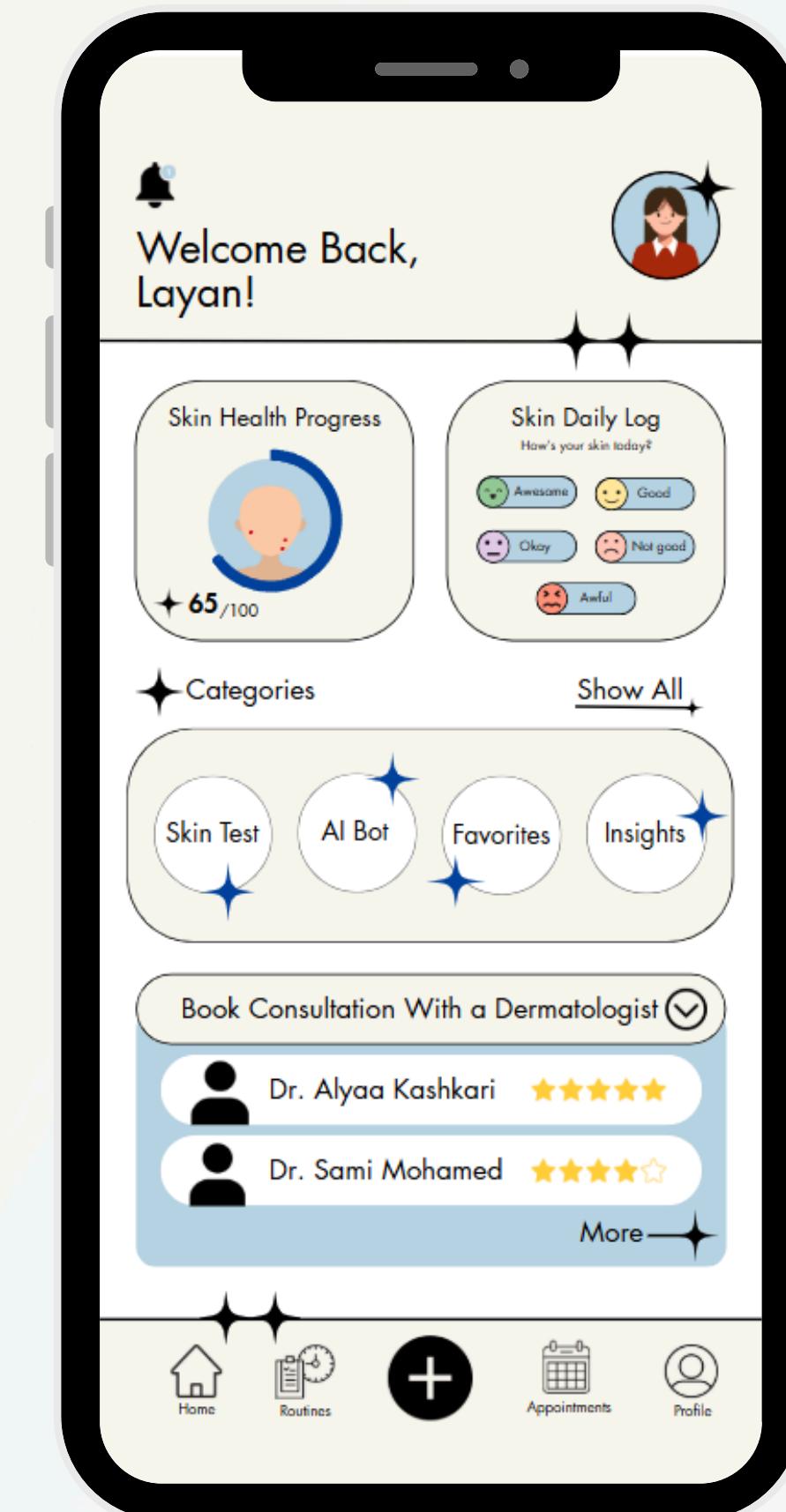
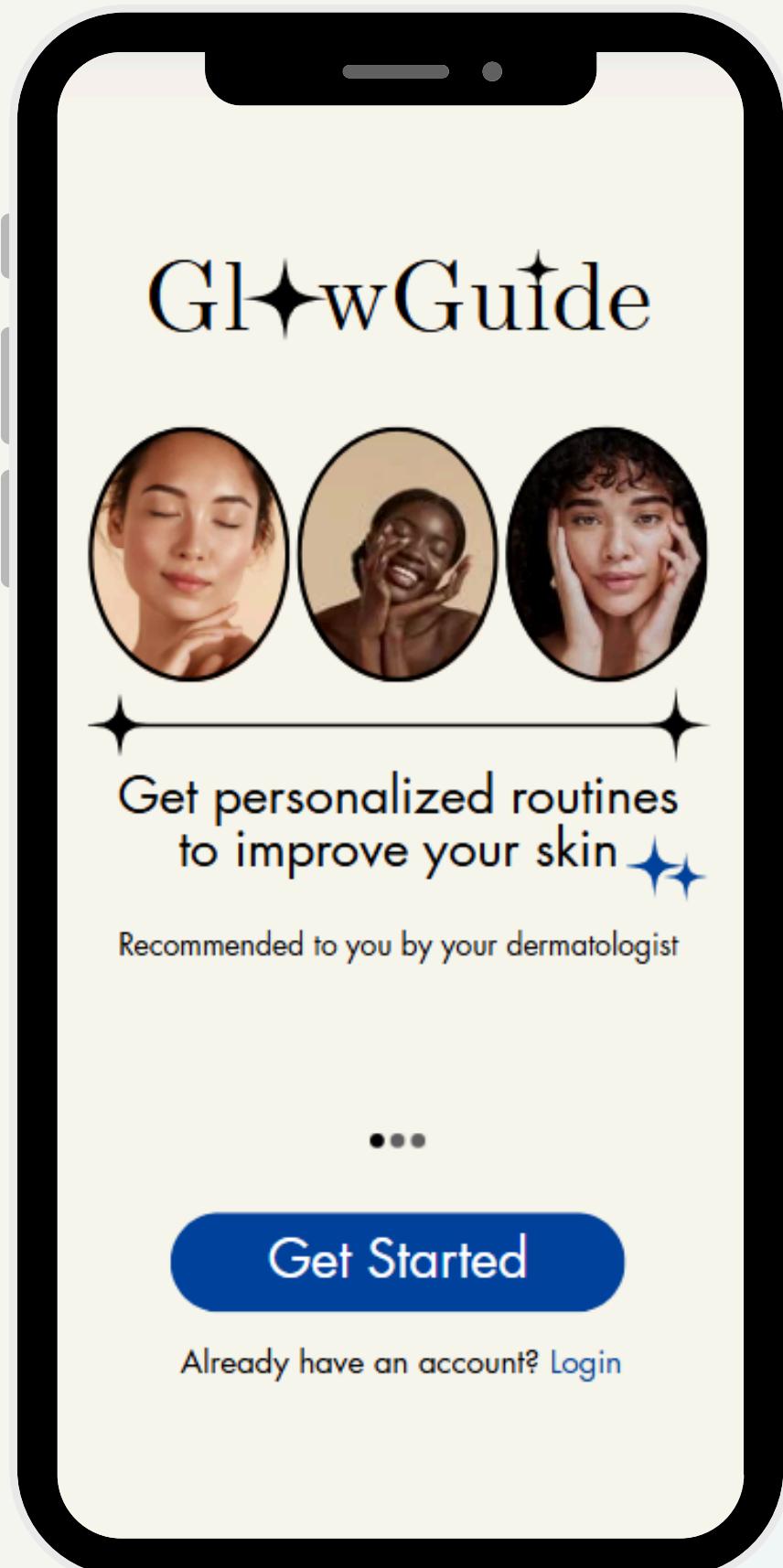
CONSULTATION



TAKE SKIN TEST

CLASS DIAGRAM





APPLICATION PROTOTYPE



CONCLUSION

GlowGuide combines AI and expert support to deliver smart, personalized skincare solutions. With user-friendly features and a focus on trust and accessibility, it empowers users to care for their skin confidently and is set to become a trusted part of daily routines.





THANK YOU