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SALMA



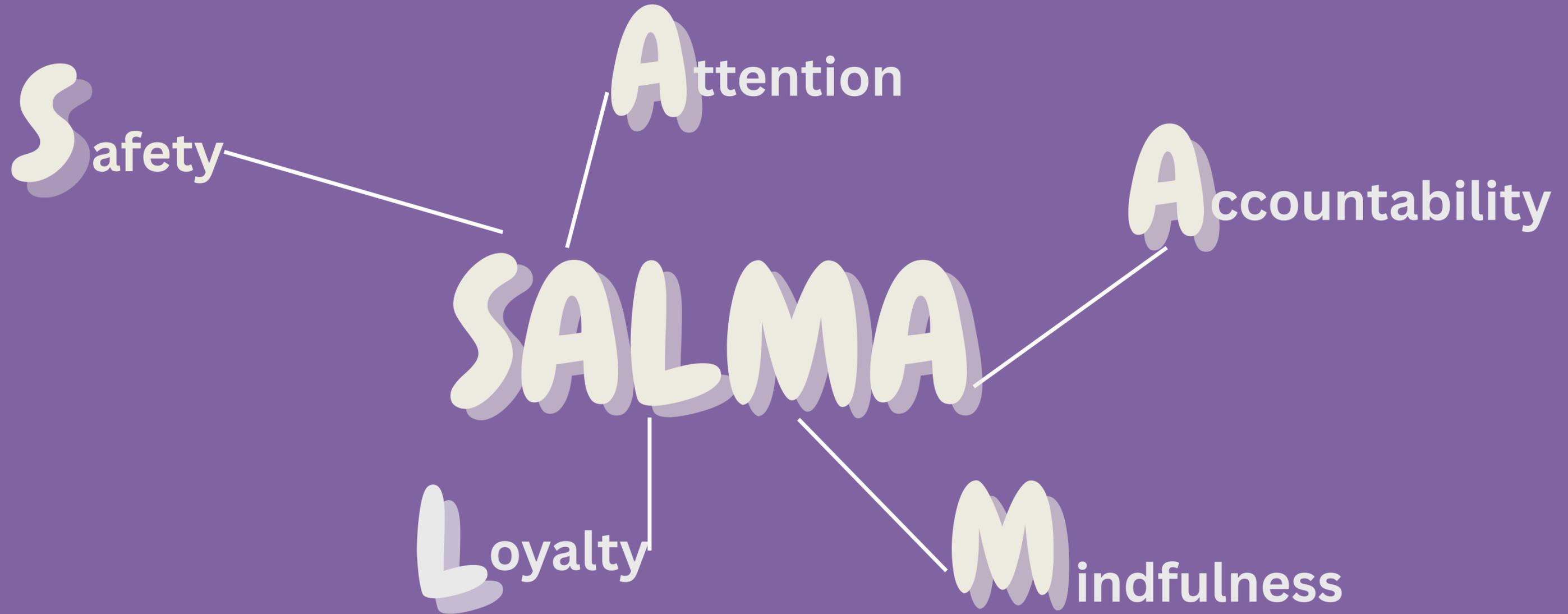
Story behind the Name

As a working mom, there's a kid who spent most of her time with her nannny — the one who dressed her, fed her, played with her, and cared for her deeply. This little girl grew up with her nanny and loved her so much. Now, she's 21 years old and still remembers her nanny, who left a deep memory and strong emotions in her heart.

That little girl is me — and we named the app after her. How many kids are like me? I'm sure there are many. Because kids are smart, and they never forget the people who treated them with love and care. Those memories stay forever in their souls and minds.



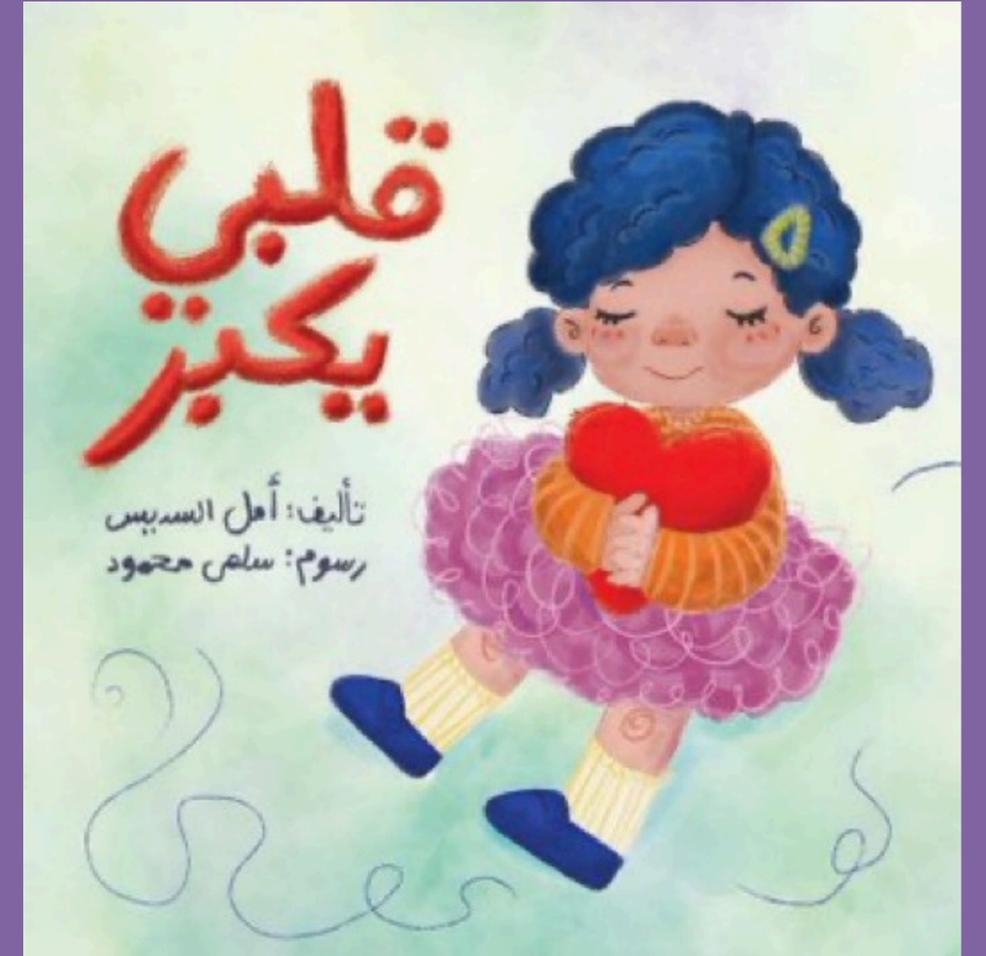
SALMA





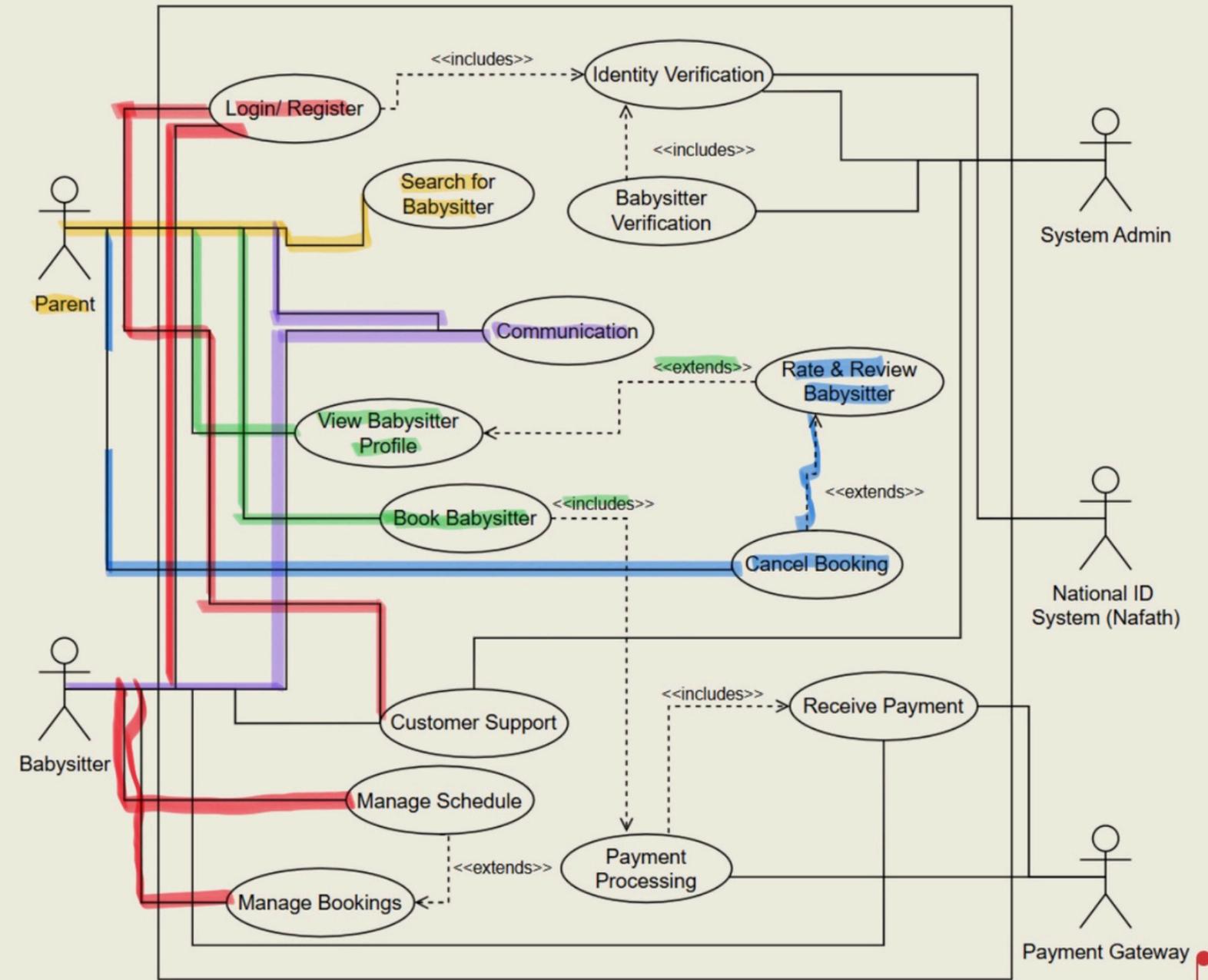
Requirments

We would like to extend our heartfelt gratitude to Ms. Amal Al-Sdais. a Master's degree in Early Childhood Studies from King Saud University, and as a children's story author with over 10 years of experience working with children, and mother of 2 girls



Use Case Diagram and Application Services

UC Diagram

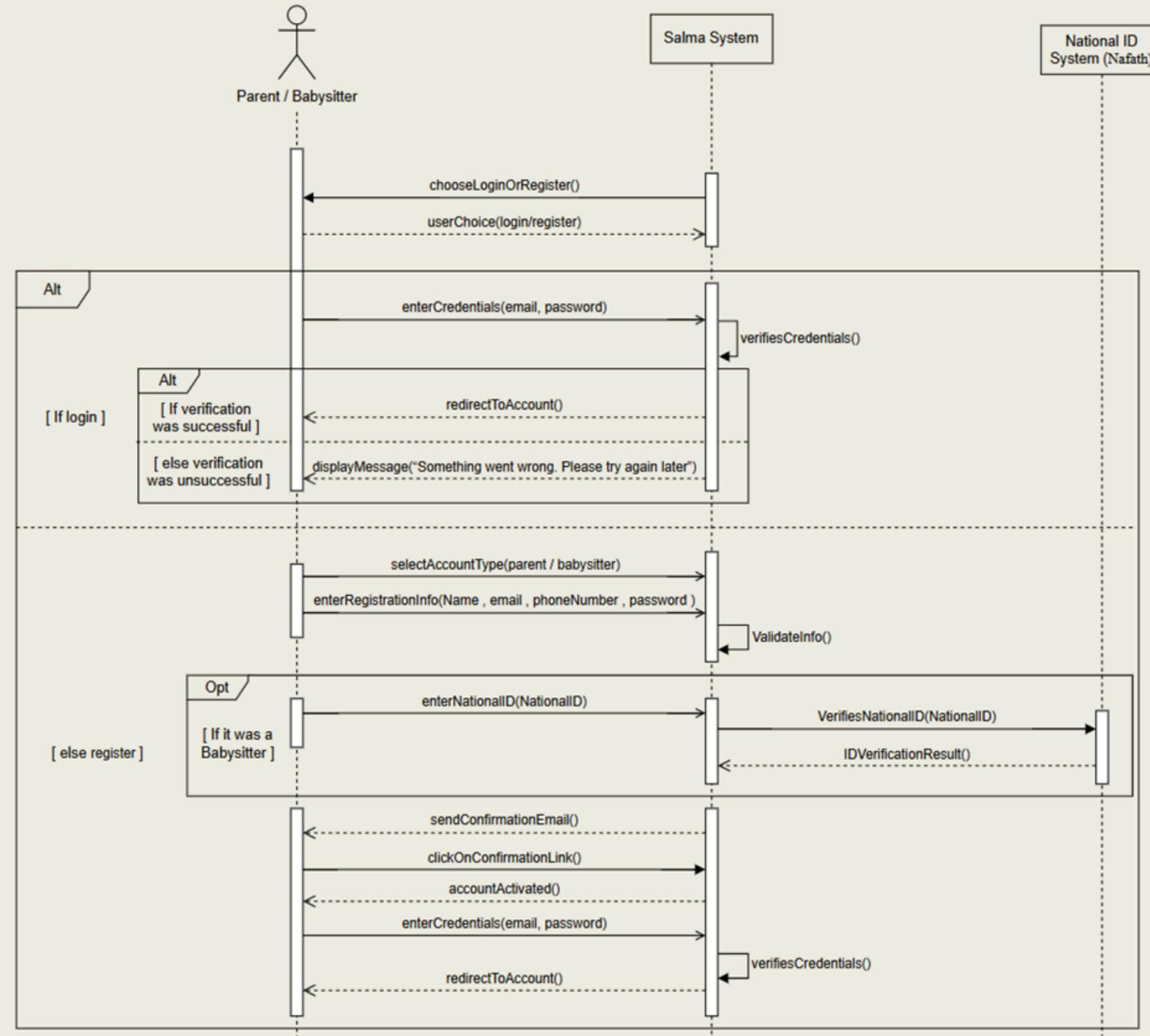




Interaction Diagram : Sequence Diagrams



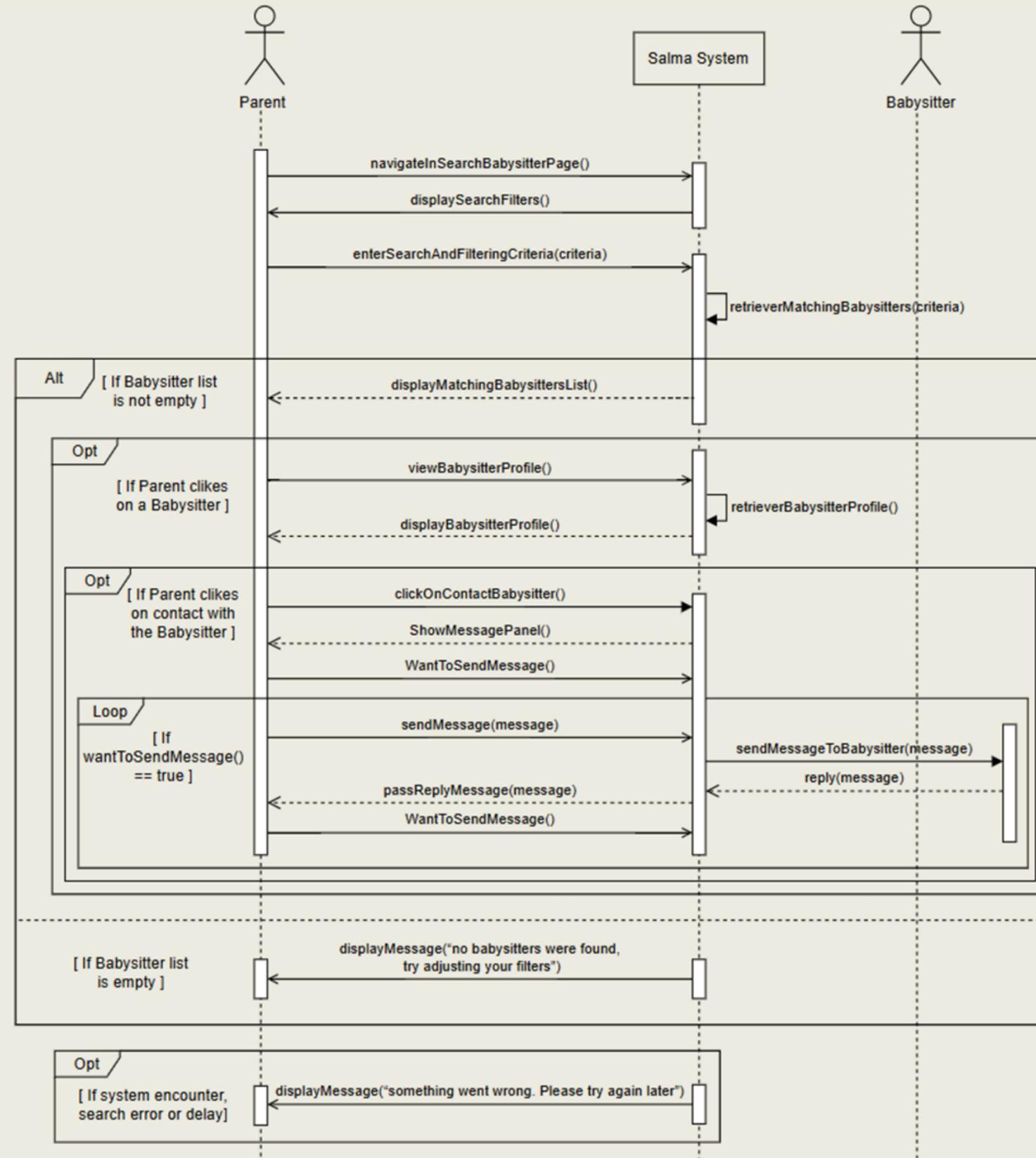
UC1 <Login / Register>





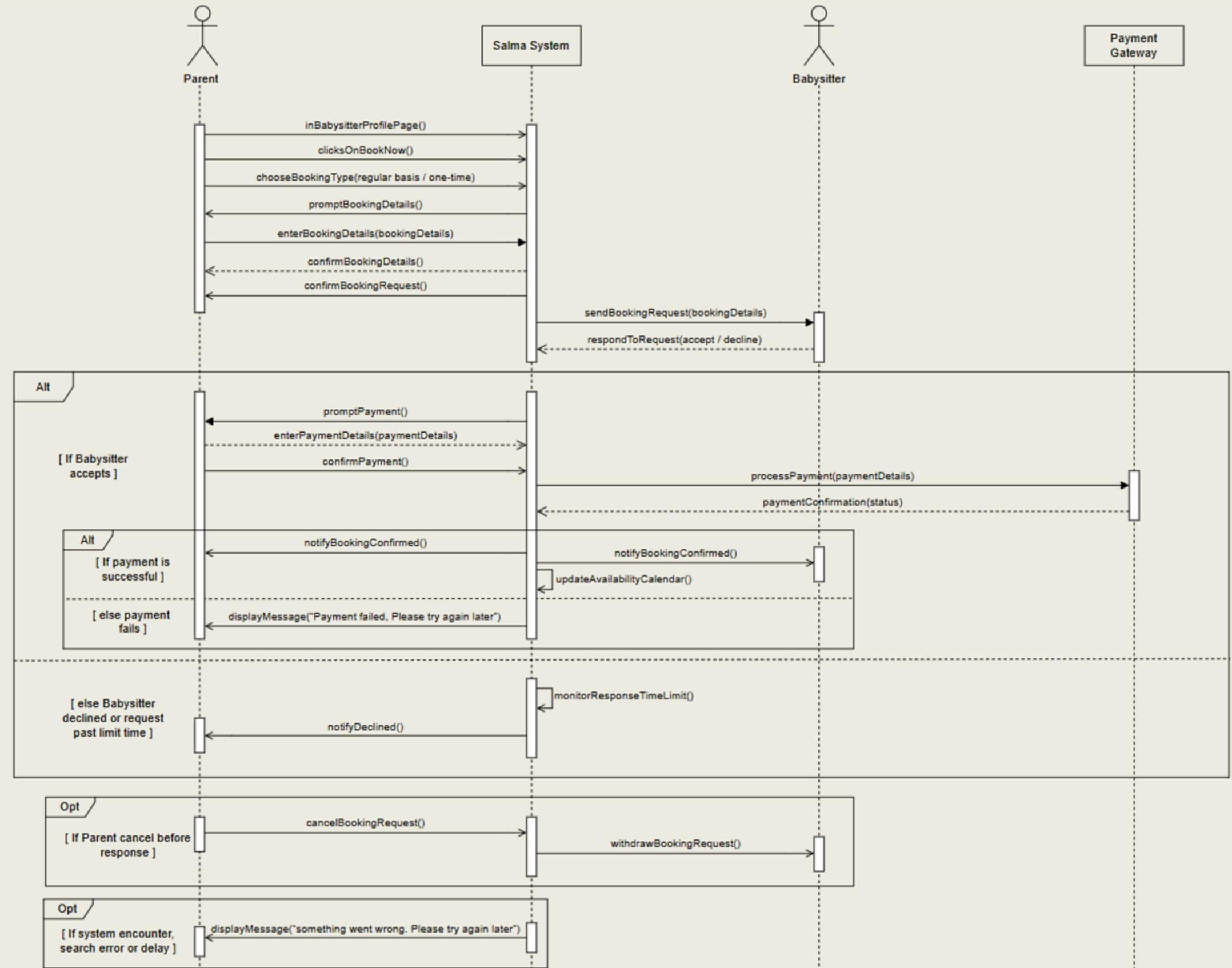
UC2

<Search Babysitter>



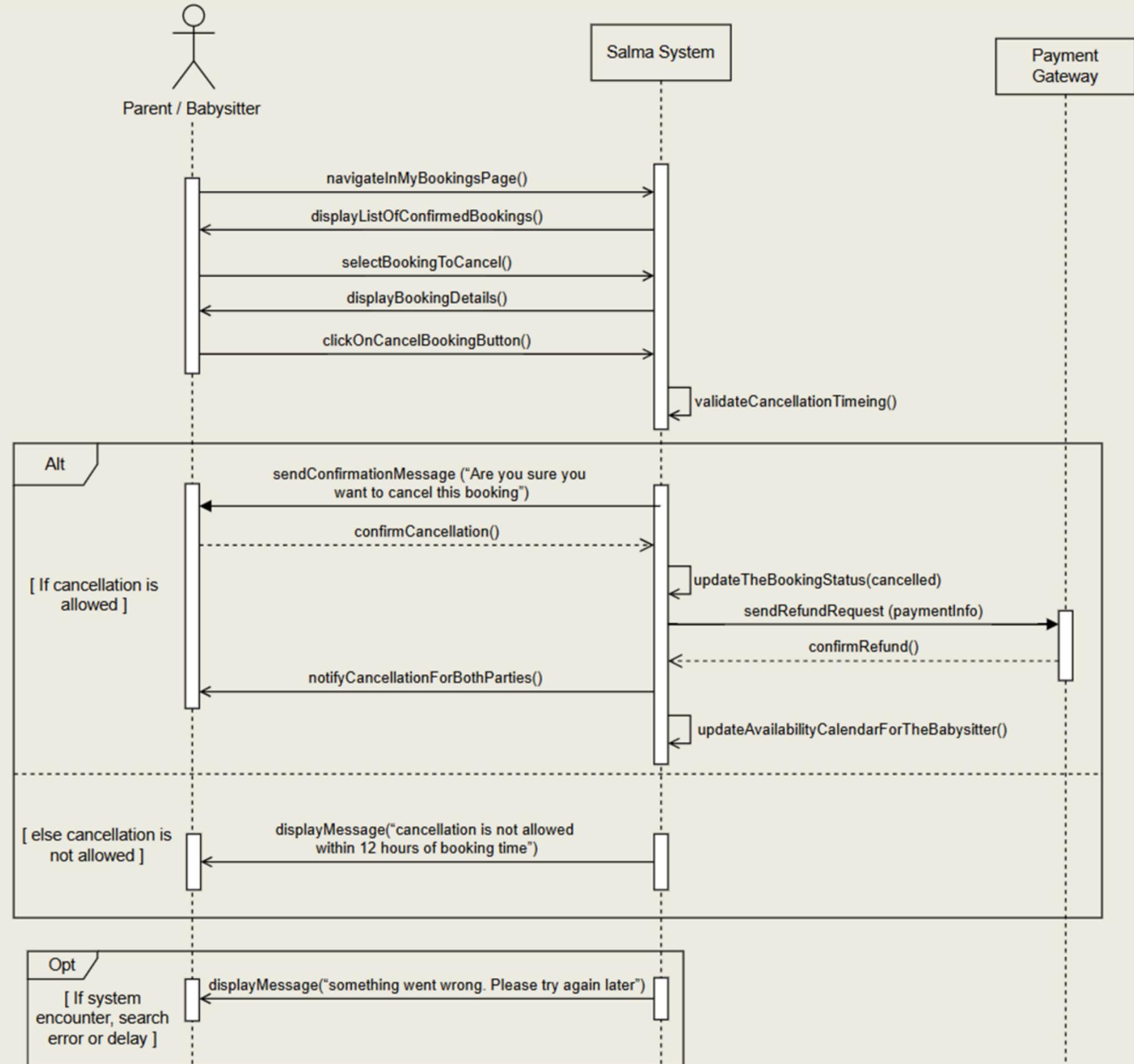


UC7 «Book Babysitter»



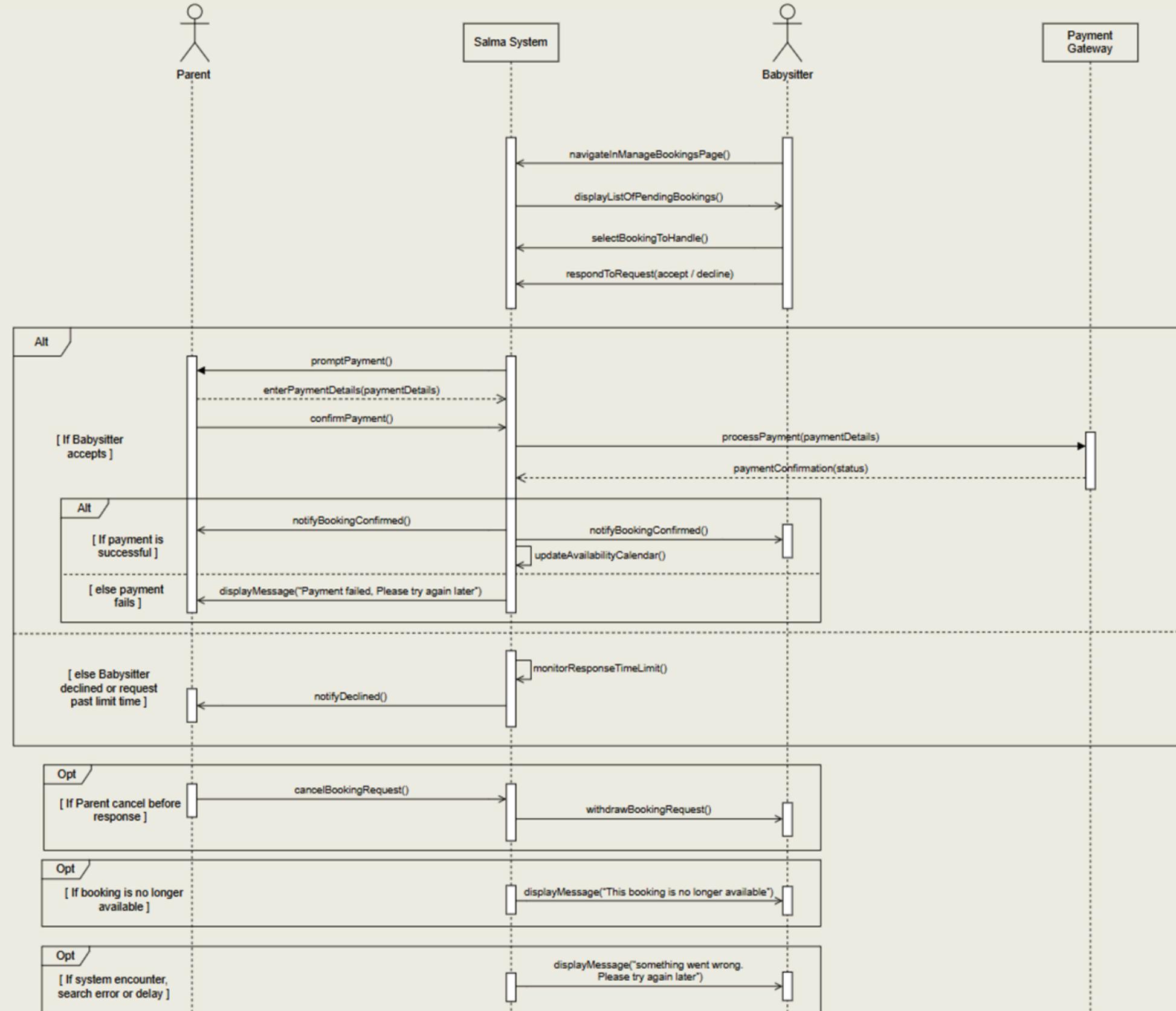


UC13 «Cancel Booking»



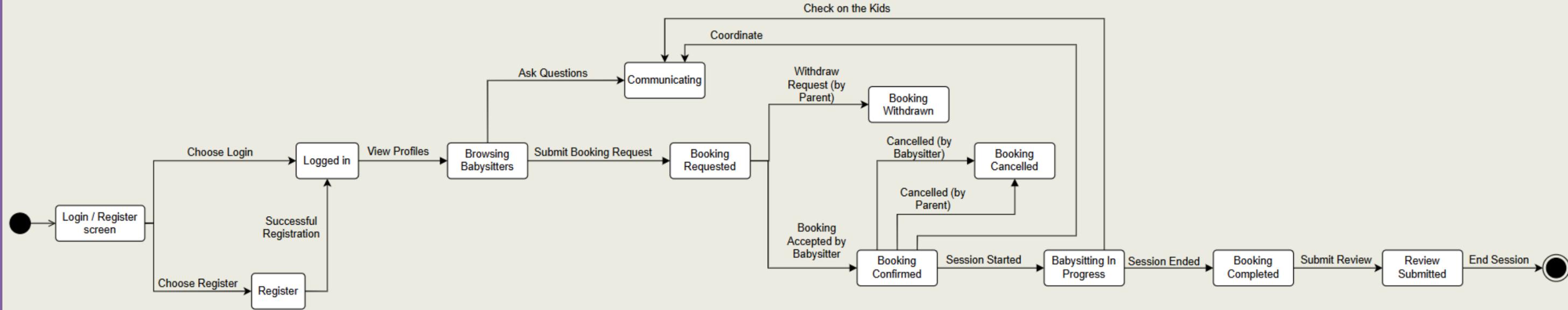
UC12

< Manage Bookings >





Behavioral Diagram : State Diagram





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User Interface



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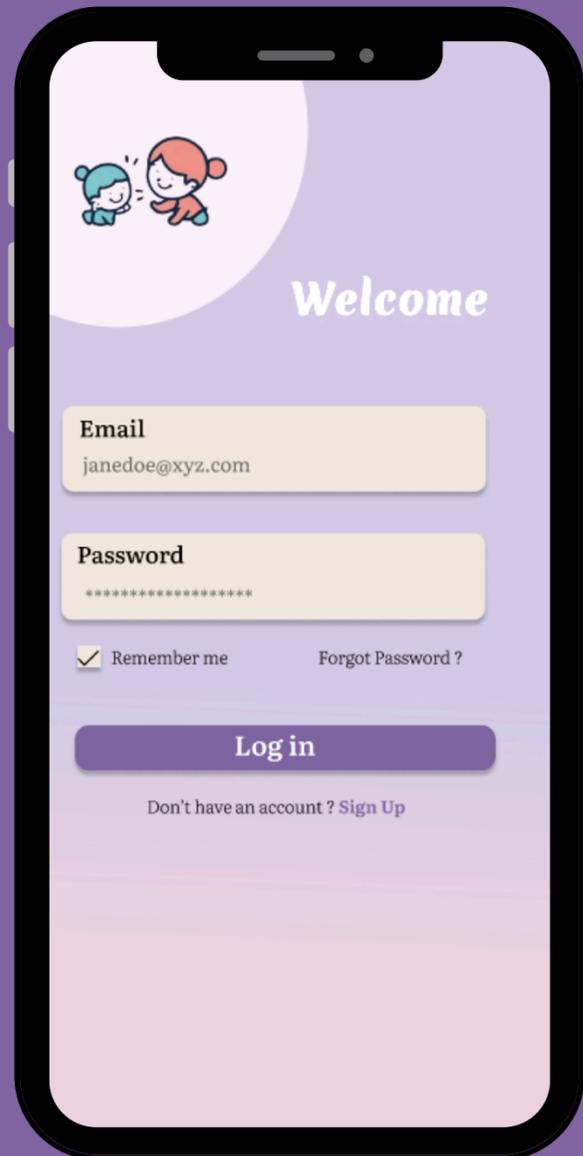
Contact



SALMA's UI

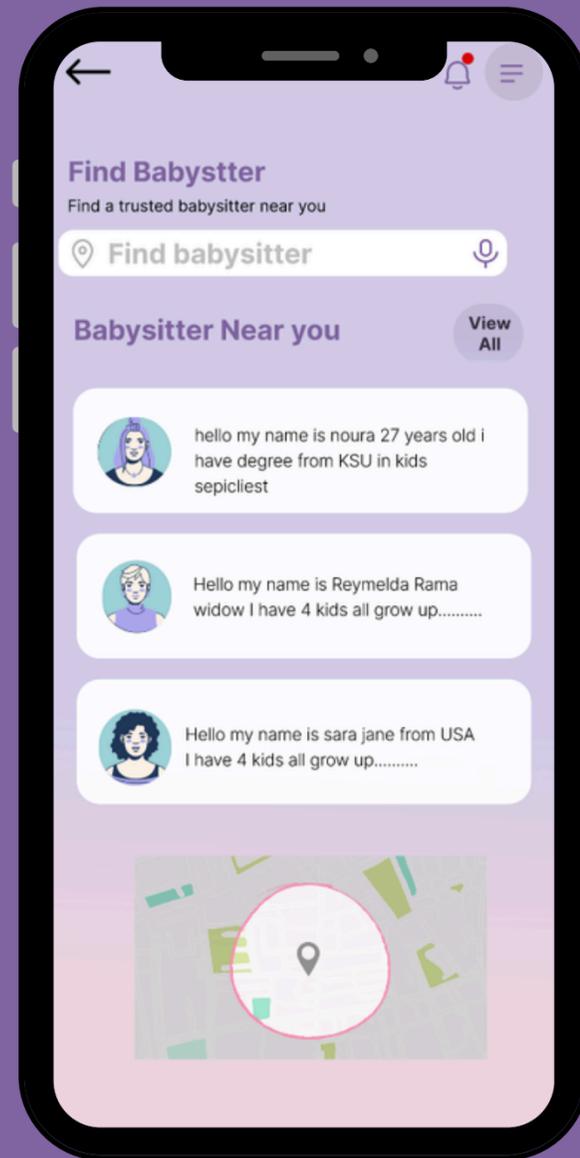
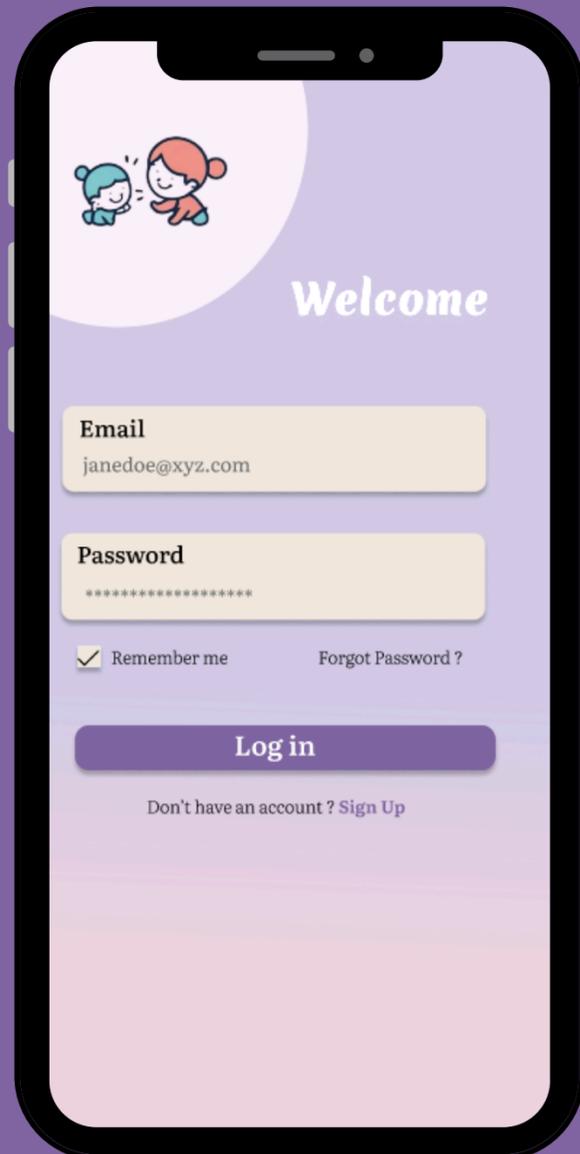


01 Login





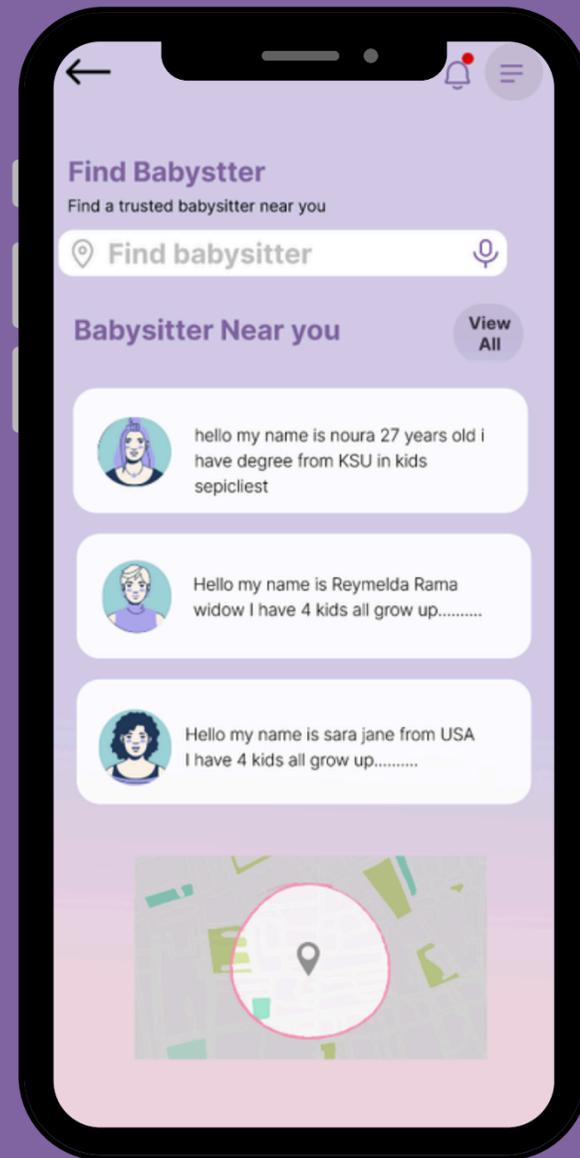
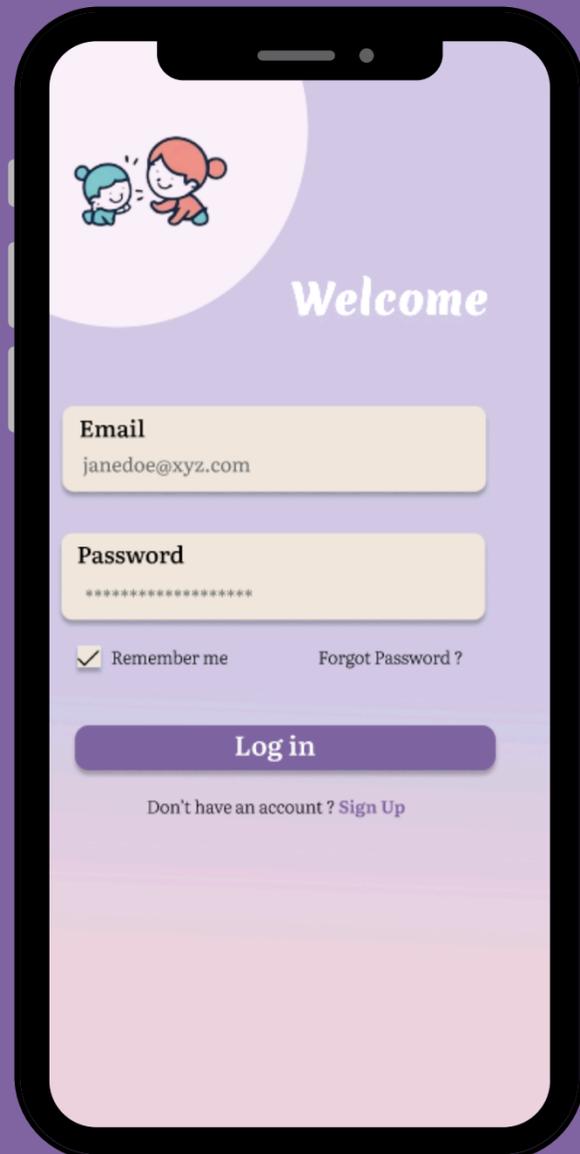
01 Login



02 Search Babysitter

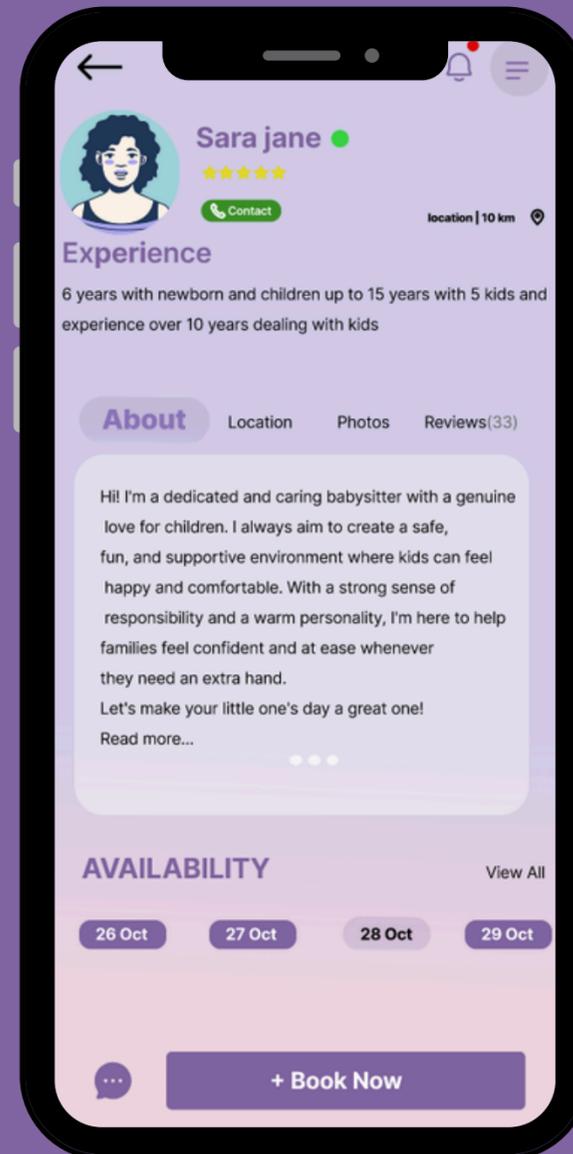


01 Login



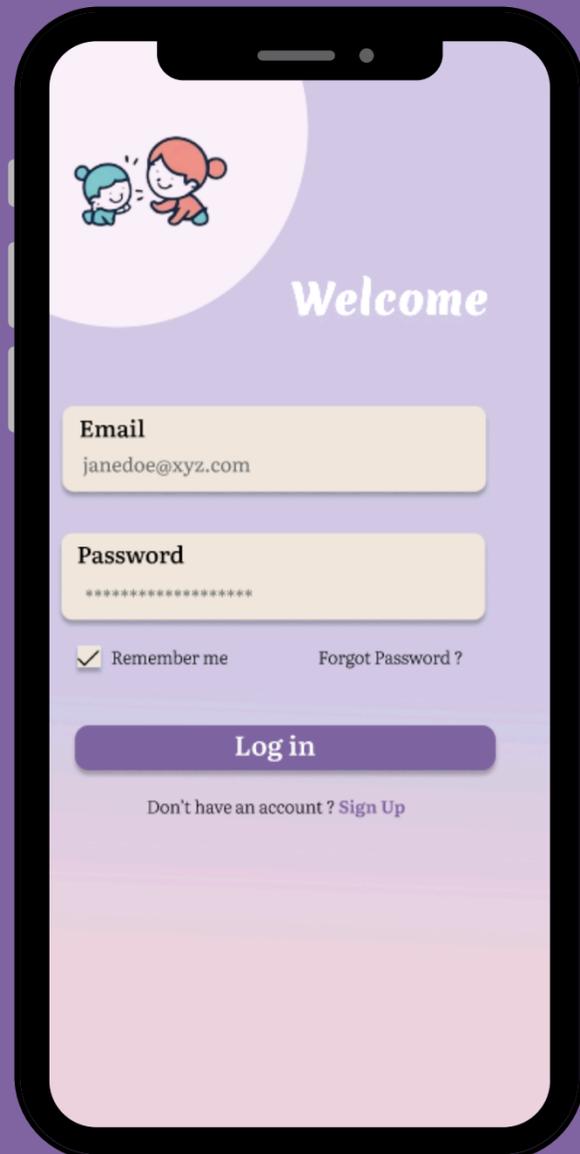
02 Search Babysitter

03 Babysitter's Profile





01 Login





Welcome

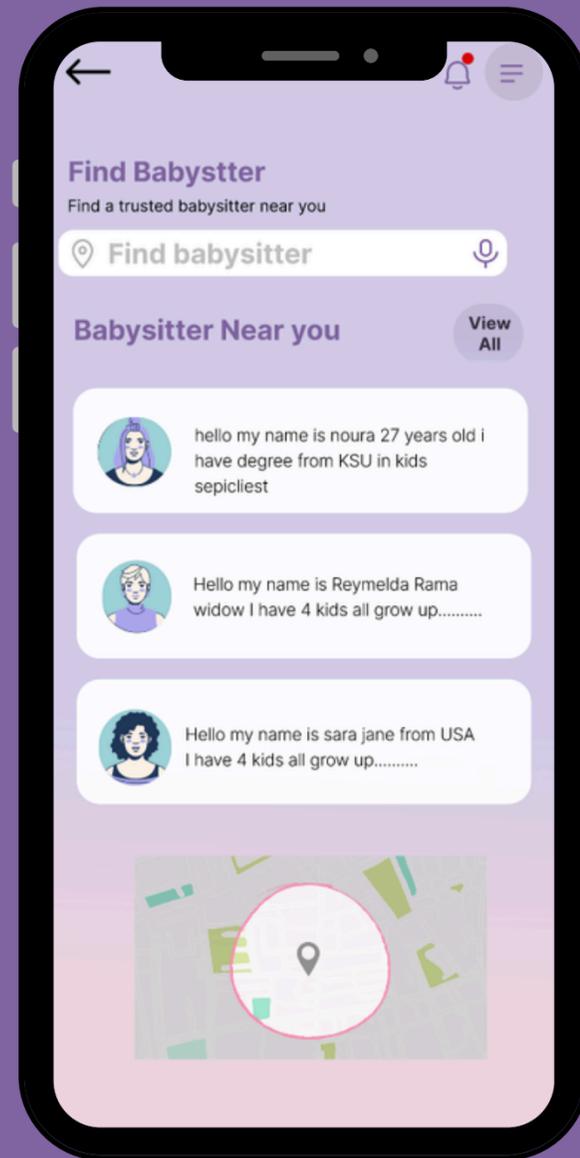
Email
 janedoe@xyz.com

Password

Remember me [Forgot Password ?](#)

[Log in](#)

[Don't have an account ? Sign Up](#)



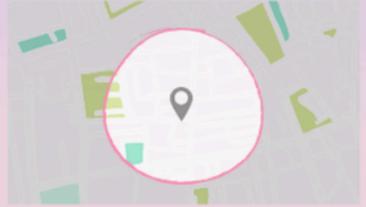
Find Babysitter
 Find a trusted babysitter near you

Babysitter Near you [View All](#)


 hello my name is noura 27 years old i have degree from KSU in kids sepicliest

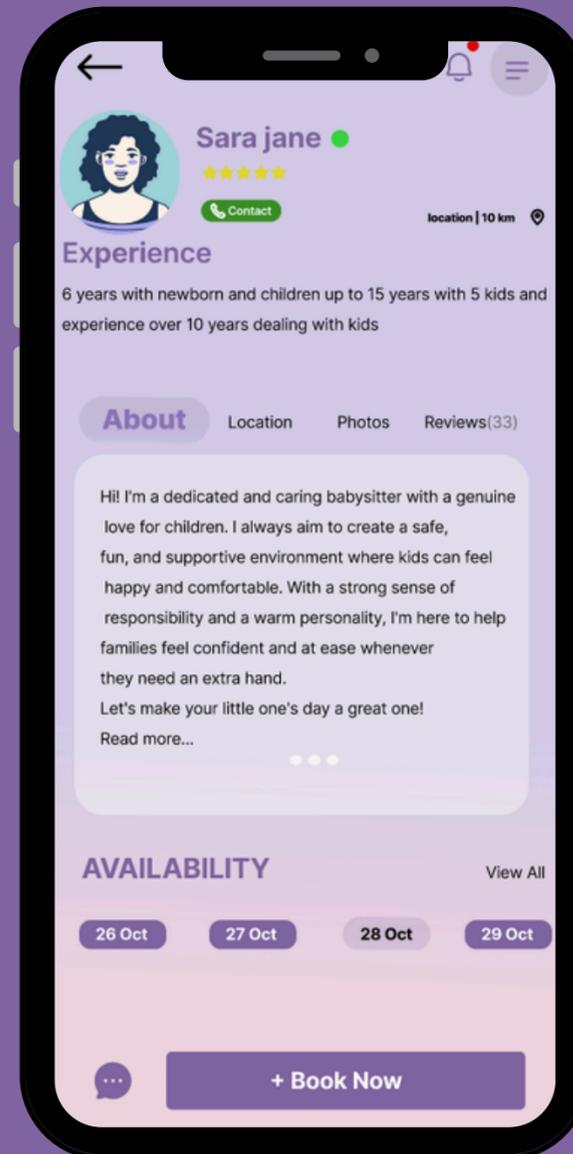

 Hello my name is Reymelda Rama widow I have 4 kids all grow up.....


 Hello my name is sara jane from USA I have 4 kids all grow up.....



02 Search Babysitter

03 Babysitter's Profile




Sara jane ★★★★★ [Contact](#) location | 10 km

Experience
 6 years with newborn and children up to 15 years with 5 kids and experience over 10 years dealing with kids

About [Location](#) [Photos](#) [Reviews\(33\)](#)

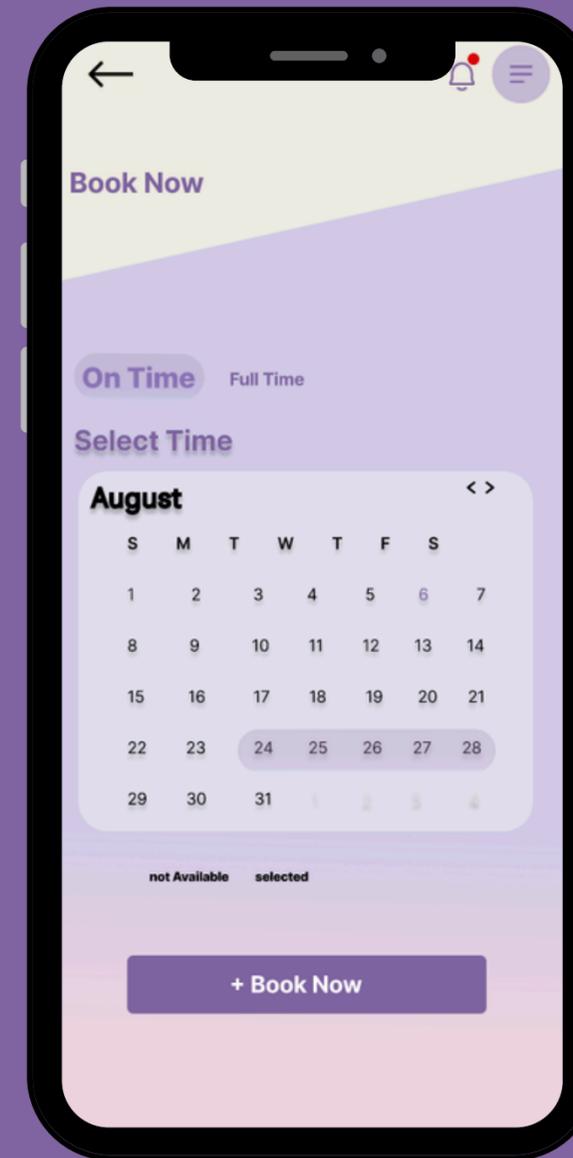
Hi! I'm a dedicated and caring babysitter with a genuine love for children. I always aim to create a safe, fun, and supportive environment where kids can feel happy and comfortable. With a strong sense of responsibility and a warm personality, I'm here to help families feel confident and at ease whenever they need an extra hand. Let's make your little one's day a great one! Read more...

AVAILABILITY [View All](#)

[26 Oct](#) [27 Oct](#) [28 Oct](#) [29 Oct](#)

 [+ Book Now](#)

04 Book Babysitter



Book Now

[On Time](#) [Full Time](#)

Select Time

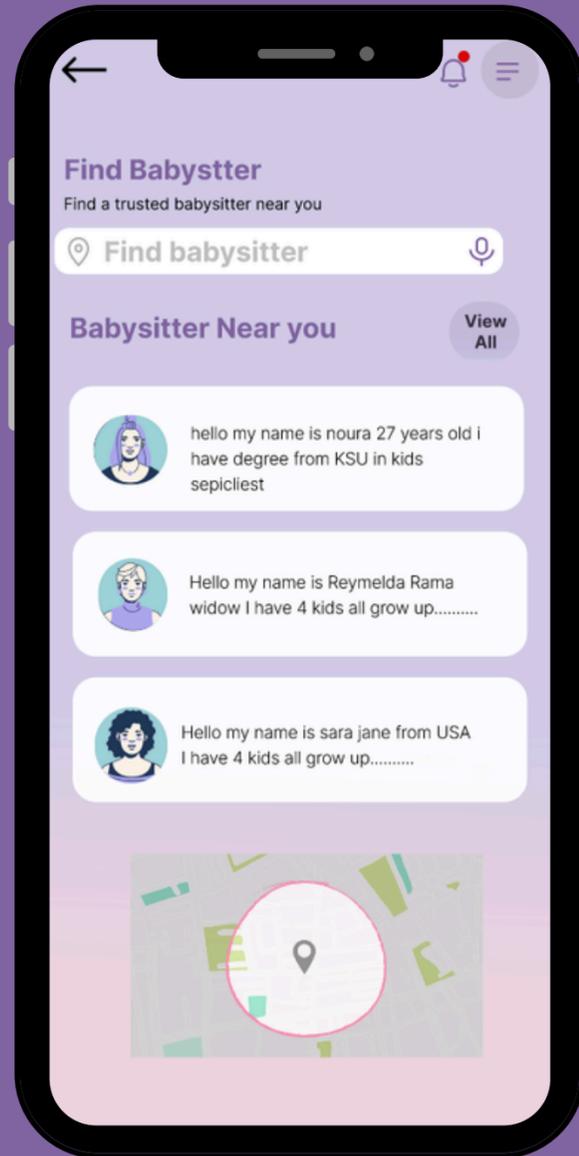
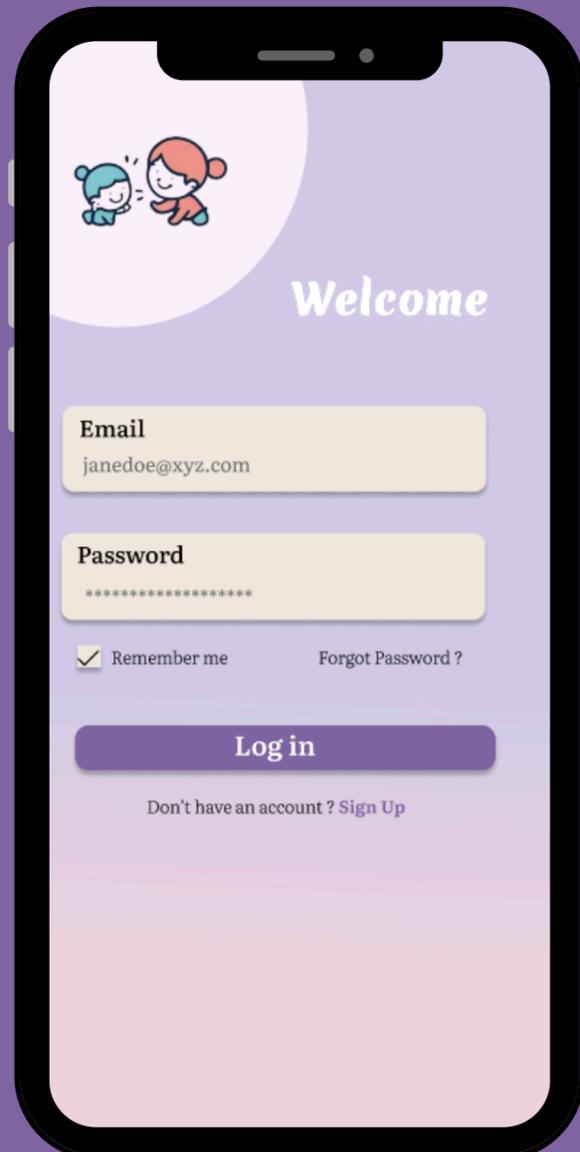
August <>

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29	30	31	1	2	3	4

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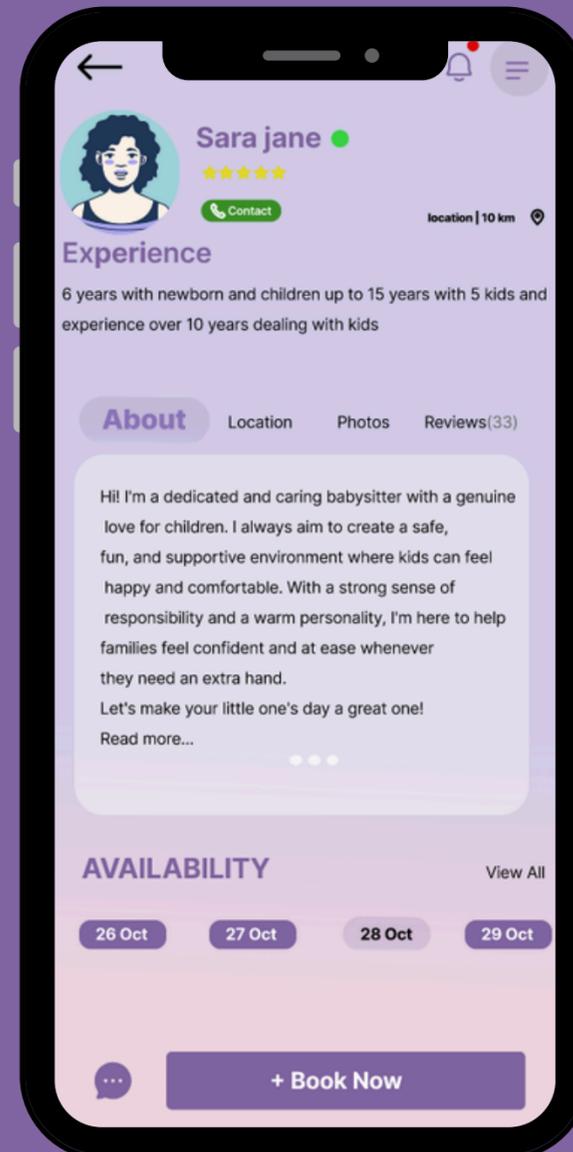
[+ Book Now](#)

01 Login

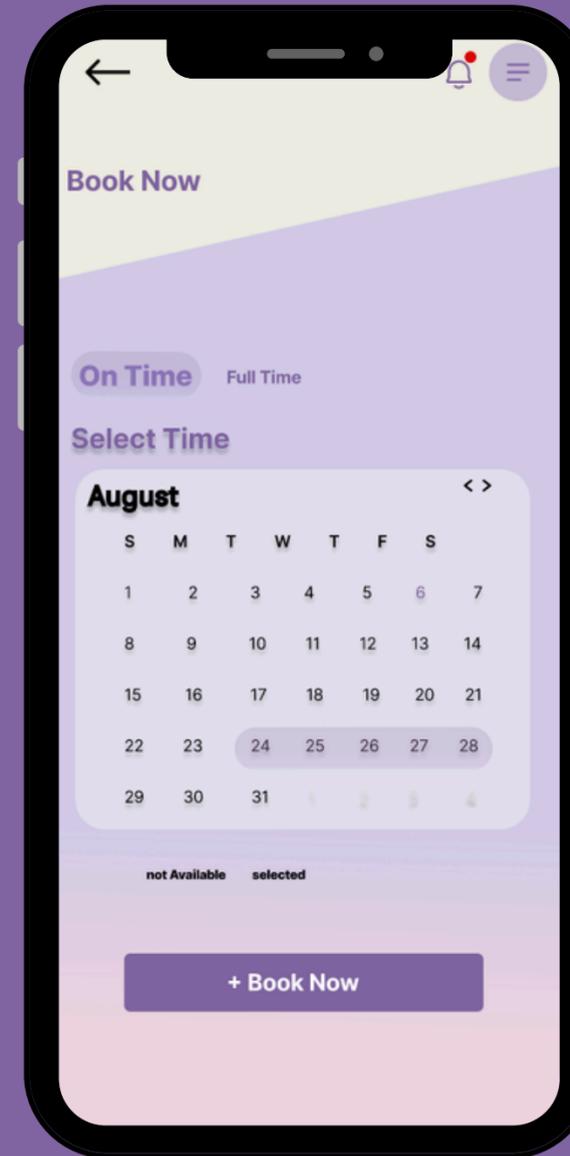


02 Search Babysitter

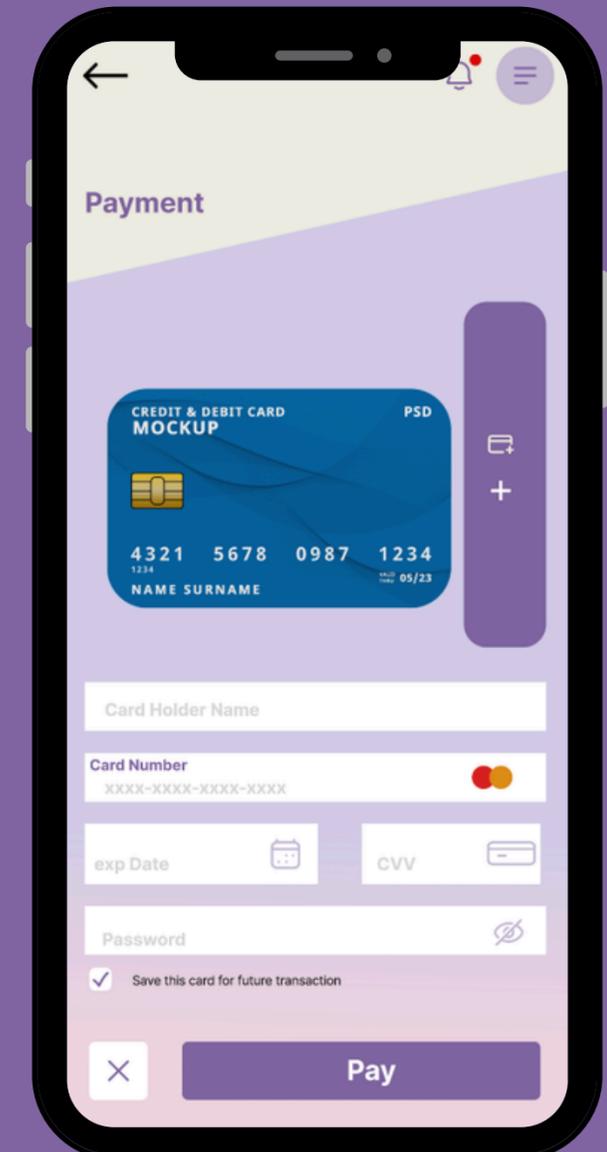
03 Babysitter's Profile



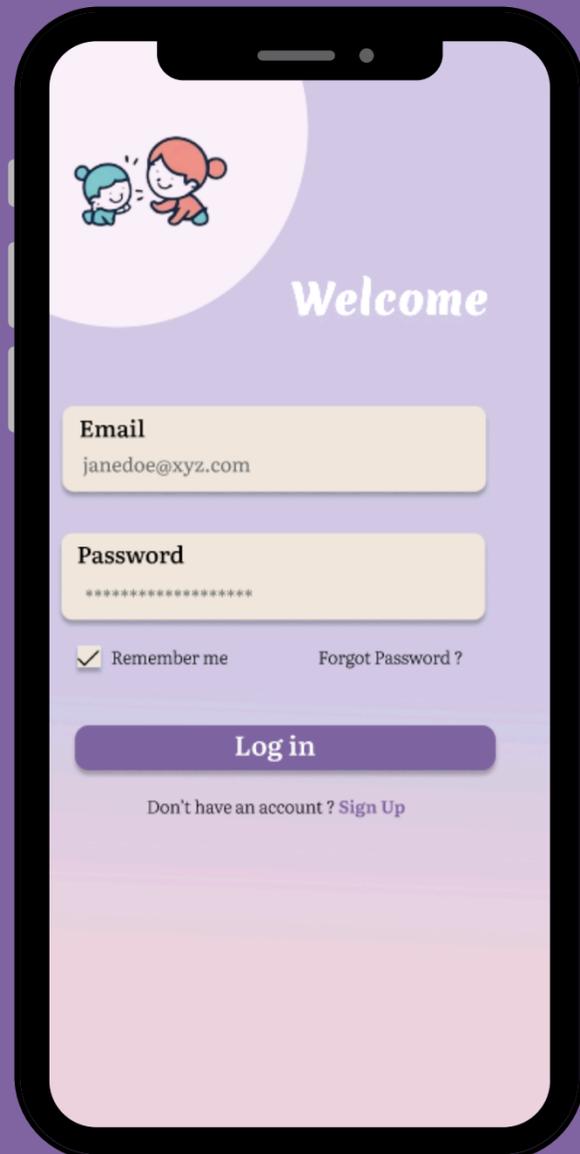
04 Book Babysitter



05 Payment



01 Login



Welcome

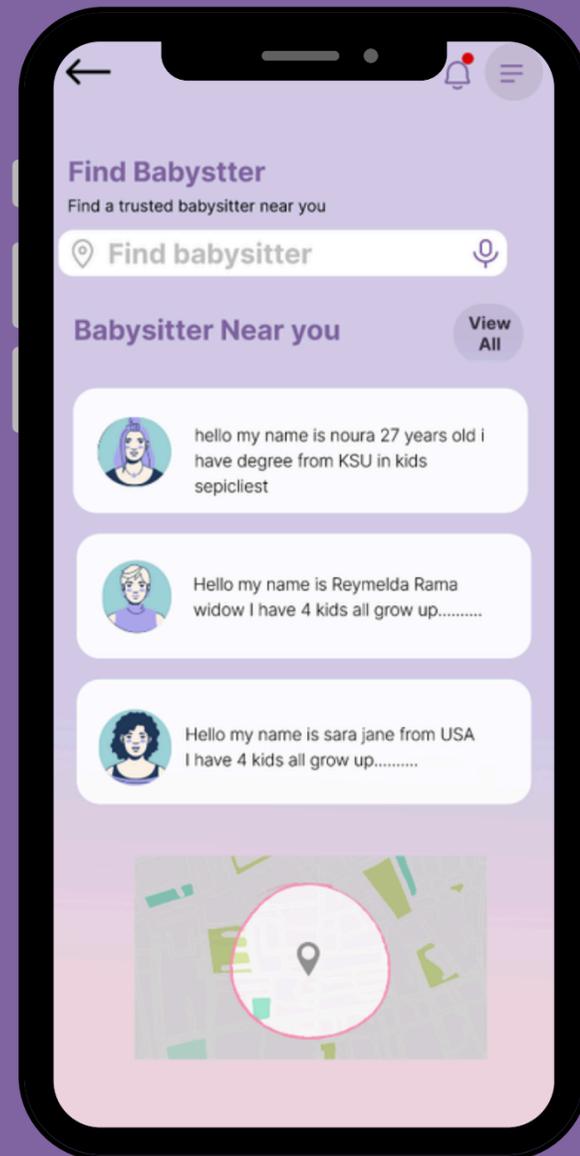
Email
janedoe@xyz.com

Password

Remember me [Forgot Password?](#)

[Log in](#)

[Don't have an account? Sign Up](#)



Find Babysitter
Find a trusted babysitter near you

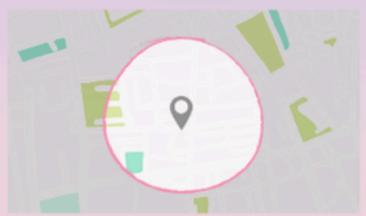
Find babysitter

Babysitter Near you [View All](#)

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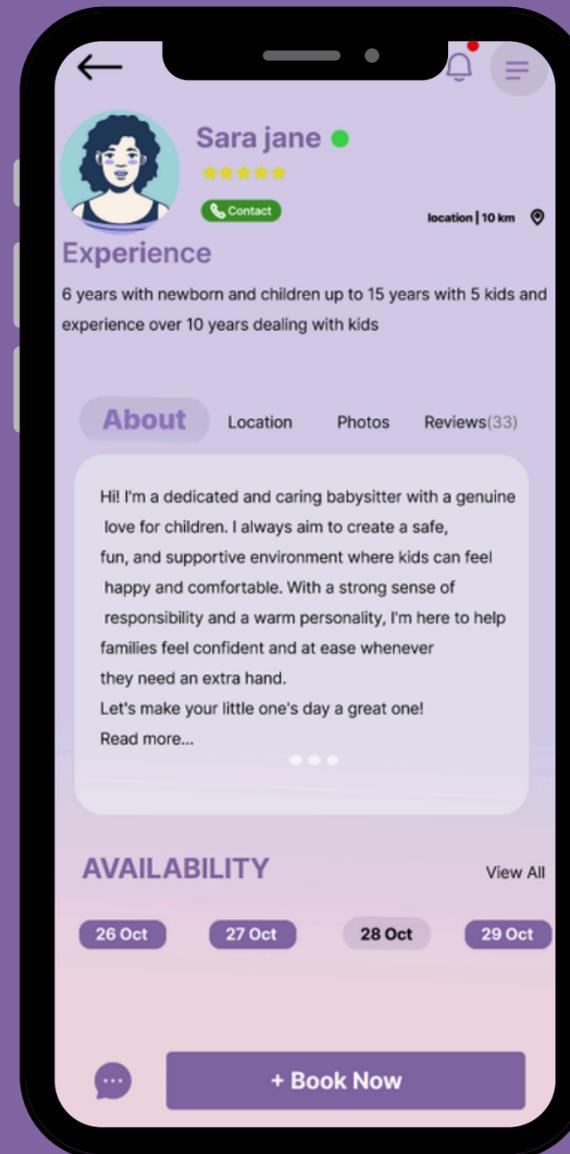
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02 Search Babysitter

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 Sara jane
★★★★★
[Contact](#) location | 10 km

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About Location Photos Reviews(33)

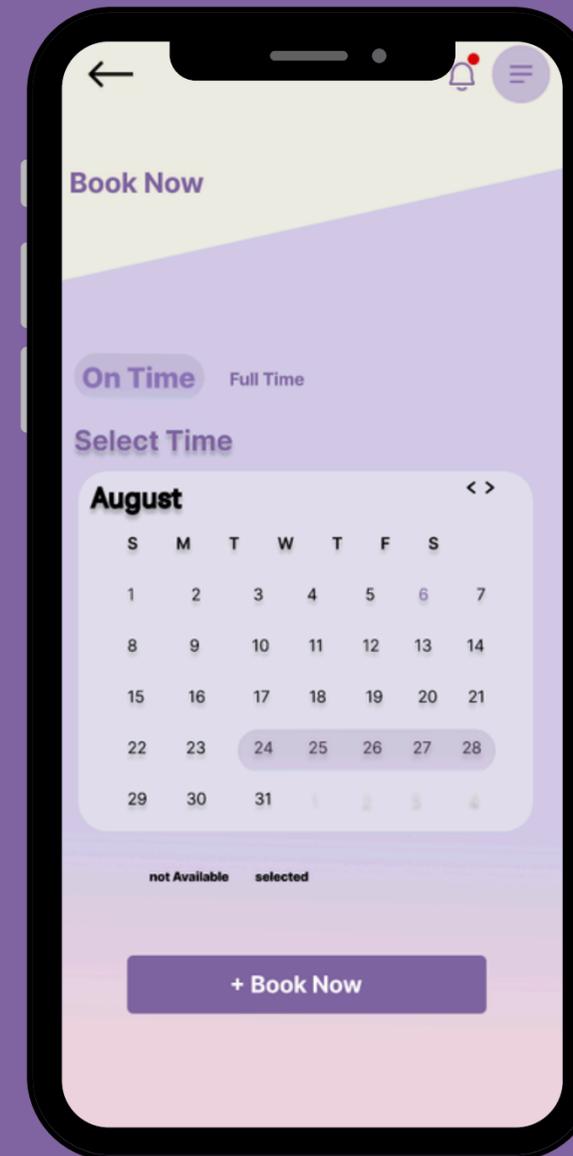
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AVAILABILITY [View All](#)

26 Oct 27 Oct 28 Oct 29 Oct

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04 Book Babysitter



Book Now

On Time Full Time

Select Time

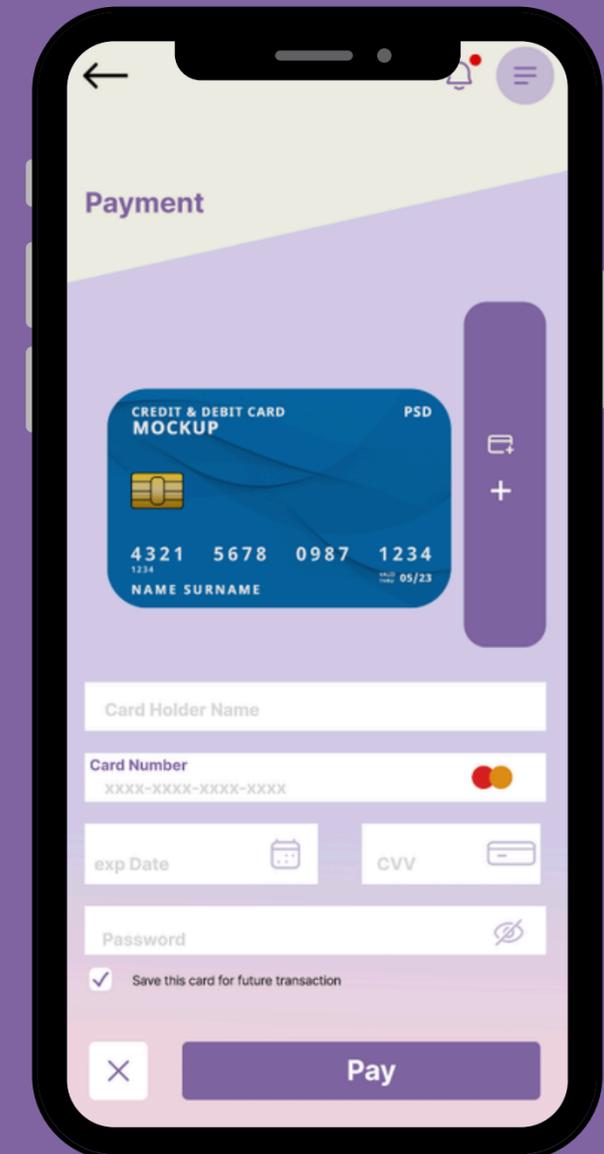
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

not Available selected

[+ Book Now](#)

05 Payment



Payment

CREDIT & DEBIT CARD MOCKUP PSD

4321 5678 0987 1234
NAME SURNAME 05/23

Card Holder Name

Card Number
XXXX-XXXX-XXXX-XXXX 

exp Date CVV

Password

Save this card for future transaction

[Pay](#)



Class and Architecture diagram



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Class Diagram

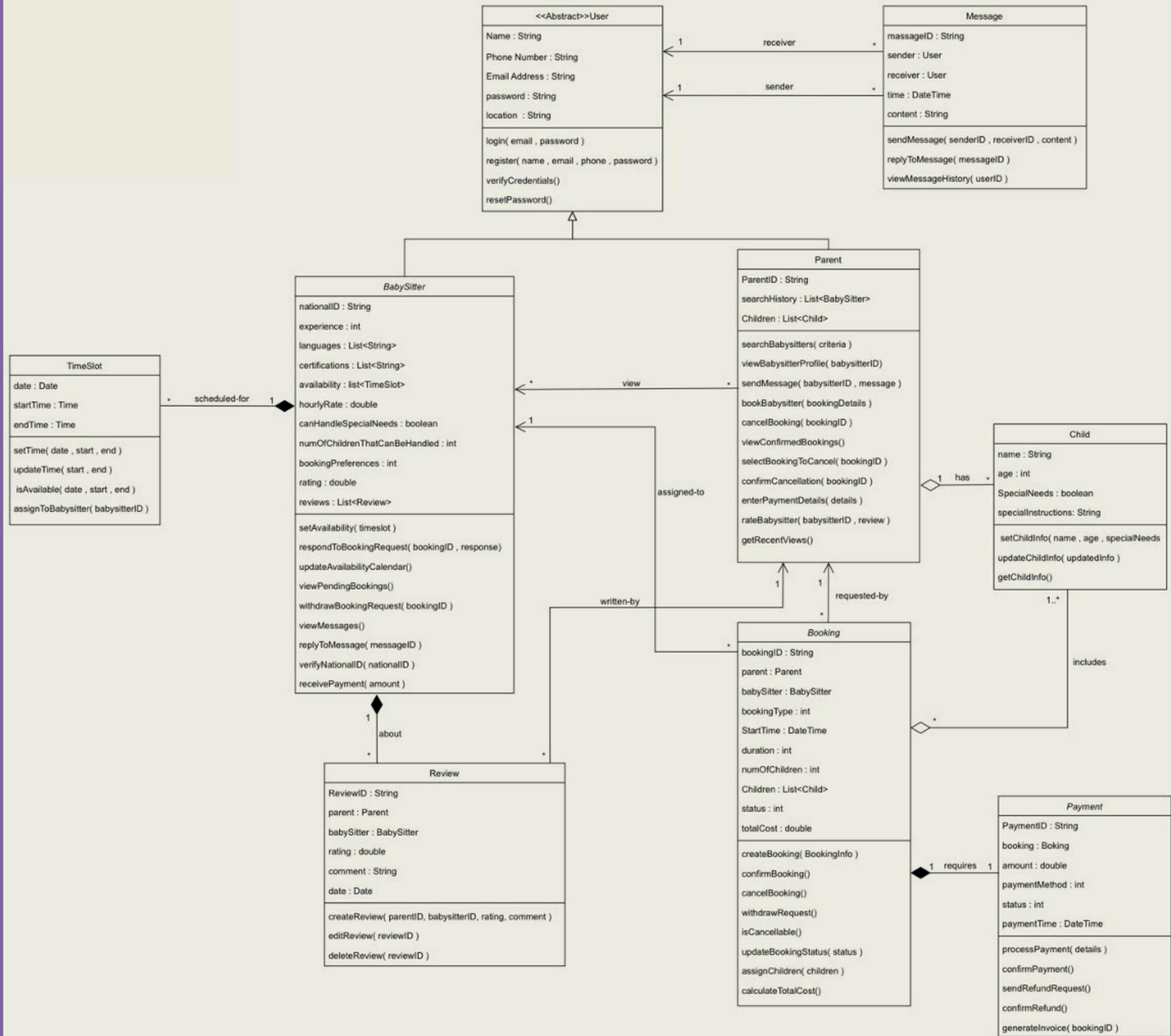
Class Diagram - Overview

- The class diagram models the structural view of the system.
- Shows main classes such as User, Parent, BabySitter, Booking, Payment, etc.
- Demonstrates relationships like inheritance and associations.
- Supports understanding of object-oriented implementation.



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Class Diagram





Class Diagram

Key Classes & Responsibilities

User	base class (name, email, login, etc.)
Parent	searches, books, manages children
BabySitter	sets availability, handles bookings
Booking	manages session info, status, cost
Payment	processes transactions, refunds



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Architectural Diagram

Architecture Overview

- Follows Client-Server + SOA style.
- Scalable, loosely coupled design.
- Mobile/web clients interact via RESTful APIs.
- Integrates third-party services (e.g., Nafath for ID verification).



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Architectural Diagram

Client Layer (Mobile App)

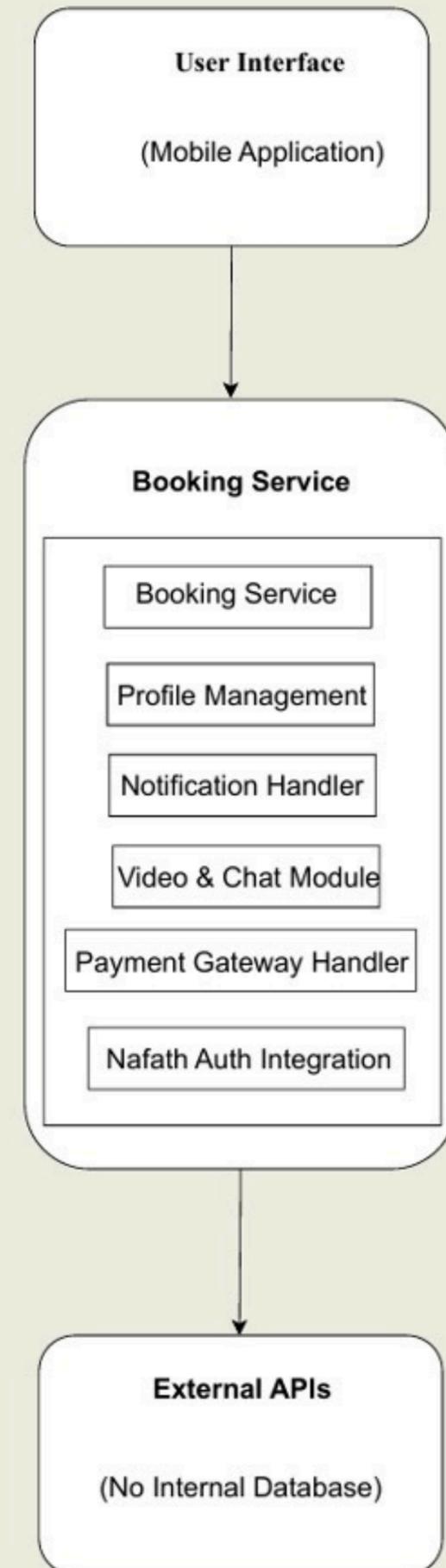
- For Parents & Babysitters to interact

Service Layer (Backend API)

- Booking logic, profile handling, communication services

Third-party Services

- Nafath (ID Verification), Payment Gateway APIs



Design of Test



Design of Test

Test ID	Use Case Tested Description	Test Data / Input	Expected Output	When It's Considered Pass/Fail	Actual Output	Pass/Fail	Comment
TC09	UC-8: Receive Payment	Job completed	Payment method	If sitter sees payment status	Sitter received payment	Pass	Tested with varying job lengths
TC10	UC-9: Payment Processing	Card/Apple Pay info	Payment successful	If confirmation shown	Payment processed successfully	Pass	Tested with both card and Apple Pay
TC11	UC-10: Rate & Review Babysitter	Rating from 1-5, review text	Review saved	If appears on profile	Review visible on profile	Pass	-
TC12	UC-11: Manage Schedule	Update availability	Calendar updated	If new availability saved	Calendar updated	Pass	-
TC13	UC-12: Manage Bookings (Accept)	Accept request	Booking confirmed	If status = confirmed	Booking confirmed	Pass	-
TC14	UC-12: Manage Bookings (Reject)	Reject request	Booking rejected	If status = rejected	Booking rejected	Pass	-
TC15	UC-13: Cancel Booking	Cancel close to date	Refund policy applies	If correct policy shown	Cancellation fee applied	Pass	Policy applied correctly

Home

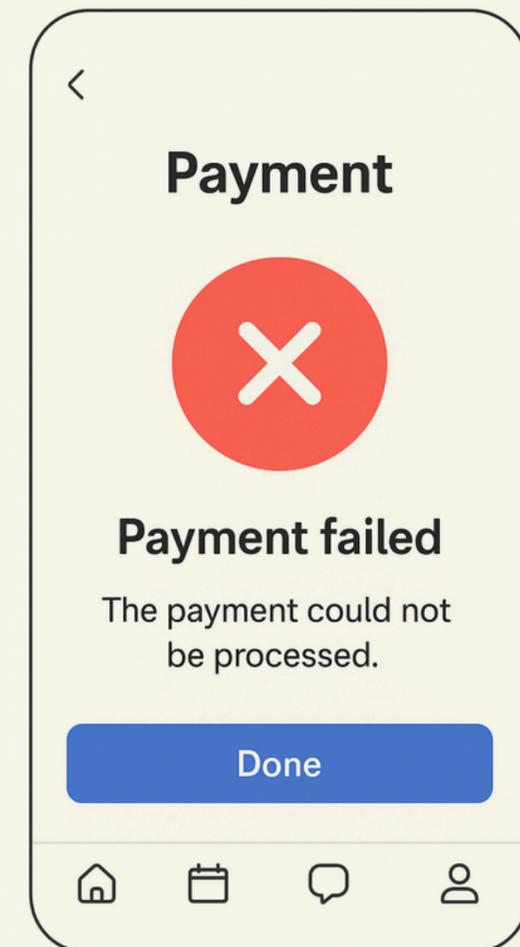
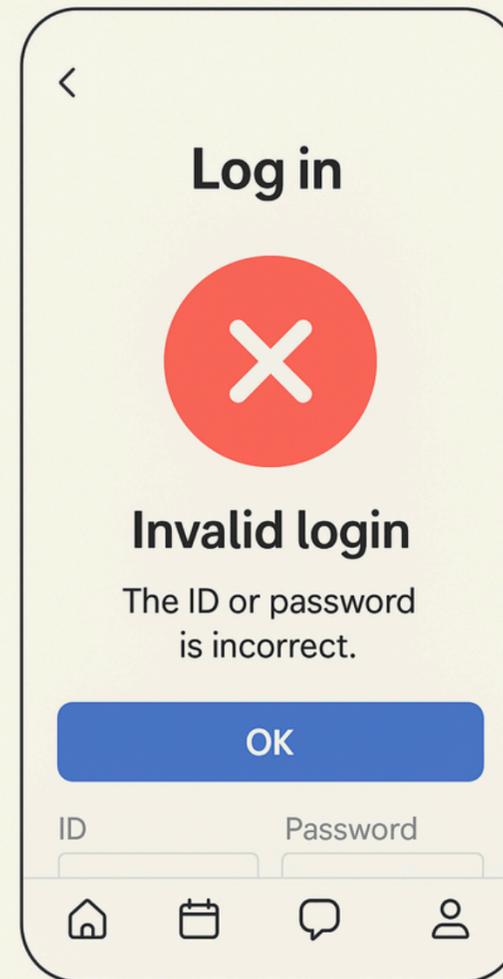
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Test ID	Use Case Tested Description	Test Data / Input	Expected Output	When It's Considered Pass/Fail	Actual Output	Pass/Fail	Comment
TC01	UC-1: Login	Valid email + password	Redirect to homepage	If login successful	Homepage loaded	Pass	-
TC02	UC-1: Register (Parent)	Name, email, password	Account created	If account created & redirected	Redirected to dashboard	Pass	-
TC03	UC-1: Register (Babysitter)	Info + ID	Account pending verification	If status = pending shown	Status shown: Verification Pending	Pass	-
TC04	UC-2: Search Babysitter	Location: Riyadh, Skill: University degree in children care availability 2-7 august	List of matching sitters	If results are correct	Displayed 2 babysitters	Pass	-
TC05	UC-3: View Babysitter Profile	Experience good with new born	Display profile info	If full profile is shown	Full profile loaded	Pass	Can chat with babysitter
TC06	UC-4: Communication	Start chat with sitter	Chat window opens	If interface loads	Chat interface opened	Pass	-
TC07	UC-5: Identity Verification	Upload legal ID	Verification submitted	If status shown to babysitter	ID submitted successfully	Pass	Related to nafth app
TC08	UC-7: Book Babysitter	Date: 20 Apr, Time :9-3 pm Child age: 4	Booking request sent	The sitter accept or reject booking	Booking request created	Pass if proved fail if rejected	-if it fail return to sitters page

Design of Test





Conclusion



SALMA

The Salma platform empowers working parents with trustworthy, flexible, and secure babysitting services.

Conclusion



SALMA

Through careful design the system achieves:

- Security: Verified IDs, safe payments
- Convenience: Easy search, booking, and scheduling
- Transparency: Reviews, ratings, and real-time updates
- Adaptability: Designed for special needs, one-time or recurring care



Conclusion



SALMA

Salma gives parents peace of mind
— and children, the care they deserve.



SALMA

THANK YOU