I would want you to solves this problem

Healthtech: Follow-Up Reminder System Problem: Clinics and private doctors often lose track of patient follow-ups.

Challenge: Develop a tool that automatically reminds both doctors and patients of appointments via SMS, WhatsApp, or other channels.

What tools can you use to ensure that one 1. There is data protection 2. One is able to see user feedbacks 3. One is able to see active users 4. Can be monitized 5. Scalable

Key Lovable Prompts for Development

Prompt 1: Setup Supabase Connection

"Create a Supabase client configuration for a healthcare reminder system. Include authentication, real-time subscriptions, and proper TypeScript types for clinic, patient, appointment, and reminder tables."

Prompt 2: Dashboard Component

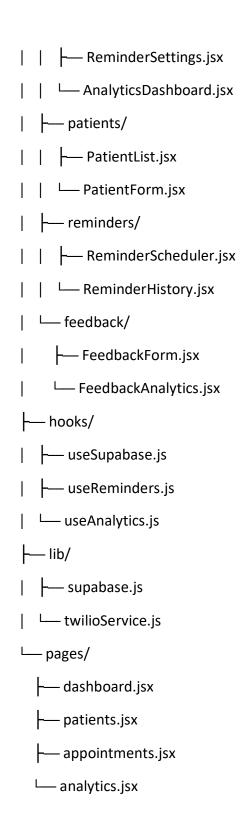"Build a healthcare clinic dashboard with:

- Upcoming appointments calendar view

- Reminder statistics (sent, delivered, failed)

- Patient count and active users metrics

- Quick actions for scheduling reminders

Use shadcn/ui components and make it responsive."

Prompt 3: Reminder Management

"Create a reminder scheduling interface that allows:

- Setting up automated reminders for appointments

- Choosing reminder types (SMS, WhatsApp, Email)

- Customizing reminder messages with patient placeholders

- Bulk reminder setup for multiple appointments

Include form validation and loading states."

src/

├── components/

│   ├── dashboard/

│   │   ├── AppointmentCalendar.jsx

```
│   │   ├── ReminderSettings.jsx
│   │   └── AnalyticsDashboard.jsx
│   ├── patients/
│   │   ├── PatientList.jsx
│   │   └── PatientForm.jsx
│   ├── reminders/
│   │   ├── ReminderScheduler.jsx
│   │   └── ReminderHistory.jsx
│   └── feedback/
│       ├── FeedbackForm.jsx
│       └── FeedbackAnalytics.jsx
├── hooks/
│   ├── useSupabase.js
│   ├── useReminders.js
│   └── useAnalytics.js
├── lib/
│   ├── supabase.js
│   └── twilioService.js
└── pages/
    ├── dashboard.jsx
    ├── patients.jsx
    ├── appointments.jsx
    └── analytics.jsx
```

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Appointment Management Prompt:

"Create an appointment scheduling system with:

- Calendar view showing all appointments

- Form to add new appointments with patient and doctor selection

- Automatic reminder setup when appointment is created

- Status tracking (scheduled, completed, cancelled)

Connect to Supabase and use proper error handling."

Analytics Dashboard Prompt:

"Build an analytics dashboard showing:

- Total active users (clinics using the system)

- Reminder delivery rates (SMS vs WhatsApp success rates)

- Patient satisfaction scores from feedback

- Revenue metrics by subscription tier

Use charts from recharts library and real-time data from Supabase."

Step 4: Advanced Features

Feedback System Prompt:

"Create a patient feedback collection system:

- Post-appointment SMS survey links

- In-app feedback forms with star ratings

- Sentiment analysis of text feedback

- Clinic performance dashboards

Store feedback in Supabase and send via Edge Functions."

From what you've created above, I would like you to add any of the above that is missing. Ensure there is sign up and login for the users.

Add Health aesthetics that are soul touching.

Add login and signups and next to it add the theme icon and remove the one next to analytics

Check the supabase tables, functions and the dashboard, whats missing, and what can be added to ensure that records that are here also reflect in the supabase queries, also on the dashboard, I want the view full calender and view all reminders buttons to be functional. Make Quick Actions to be interactive and usable. I also want to system status to show exactly whats happening to the system and not just operational and degraded, I also want it be functional for 100% system functionality

For patient page, make it that when one add patient, it reflects in the supabase database and also there are areas that need to reflect there that is in the supabase

Please implement all the missing components in the system. Ensure that all key metrics—such as Today's Appointments, Active Patients, Reminders Sent, and Success Rate—accurately reflect the corresponding data from the database. These metrics should dynamically update to match related sections across the platform.

For Today's Appointments, ensure the dashboard reflects appointments scheduled for the current date (now()) whenever a user signs in. Additionally, include functionality to view appointments for past or future dates by selecting from a date picker.

Include a dedicated section that displays a list of patients who attended their appointments and were served by a doctor.

Regarding the Sign In and Sign Up pages, make the user experience seamless:

Ensure the system recognizes the host.

Allow users to open the platform directly from a confirmation or invitation email.

Implement a "view password" toggle for better user convenience during login or registration.

I am unable to try fix the above build unsuccessful, could you track that error and fix it, and ensure the entire dashboard has no recorded data to ensure that it's the users that will be keying in records that will be reflecting in the dashboard. Also, ensure that patients can be connected to doctors and clinics they are going to in this dashboard.

I want the analytics part to also reflect what's in the supabase, ensure accuracy and reflecting all other sections. Ensure the doctors sections includes assignment section where the doctors are assigned random appointments that should also reflect in the database. Listing doctors like that aint good, show some functionality. Under reminder section, ensure that enable automatic reminders is fully functional and make it in a way that one can automate every specific period of time selected.