

The Team

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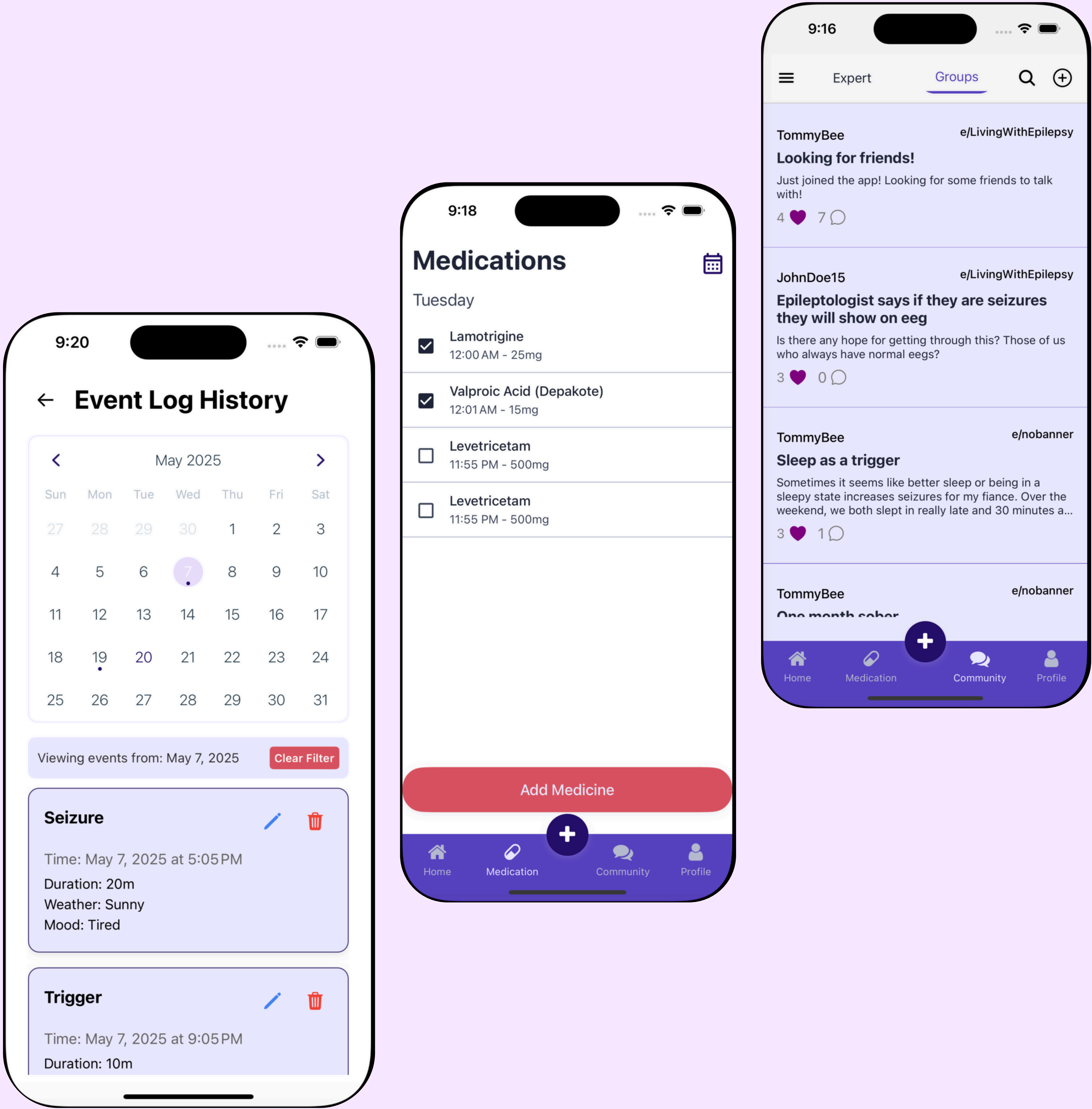
EpiConnect+

Our Target

Epilepsy is a neurological condition affecting over 3.4 million people in the United States alone. There exists applications for users that primarily focus on seizure control and medical treatment. However, they often overlook the broader spectrum of challenges that people with epilepsy face. Navigating through daily difficulties, medication management, lifestyle adjustments, and complex psychological bouts can prove to be troublesome.

Solution

Our application integrates features for managing medications and tracking epileptic events, as well as a community aspect in the form of forums and educational resources. The community aspect involves having feeds for user-generated content and content with more directed discussion based on specific aspects/milestones of living with epilepsy. This can also extend to relevant resources provided by our stakeholders based on their research.



Components

- **React Native iOS Client** - iOS app developed on Expo Go
- **Node Express Server** - Used as an interface between client and database/data stores
- **MongoDB NoSQL DB** - Used to store personal and community info
- **Amazon AWS S3 Data Store** - Used to store and host images and other large documents

Features

- **Medication Management** - Helps users list and record medications they take for epilepsy on a schedule
- **Event Logging** - Allows users to readily and easily document epileptic events and triggers they experience
- **Community Forums** - A hub where users can share and discuss their experiences dealing with epilepsy
- **Support Guides and Forms** - Tools and information to help users navigate the app and provide feedback to developers