App Flow Documentation

User Registration and Login Flow

1. Users must first register to access the app.

2. After successful registration, users can log in with their credentials.

3. Upon logging in, users are directed to the dashboard, which provides an overview of their calendar, displaying events on an hourly basis.

Calendar Features

1. Days with scheduled events are marked with a blue dot.

2. The current day is highlighted with blue text.

3. Selected dates are indicated with a blue background.

Google Calendar Synchronization

1. To sync with Google Calendar, users need to tap the 'Sync Google' button located in the top-left corner of the navigation header.

2. Users are required to complete the Google authentication process.

3. After successful authentication, a two-way synchronization is established between Google Calendar and the app's Firestore events, ensuring seamless integration.

Profile Management

1. In the Profile section, users can update their email and password after verifying their email address.

Additional Features and Technical Details

1. Event data and authentication details are securely stored in Async Storage.

2. The app supports biometric authentication for a quick and secure sign-in experience.

3. The codebase is developed using TypeScript for better type safety and maintainability.

4. The app has been thoroughly tested on a variety of devices, accommodating different screen sizes and configurations, including devices with and without a notch.