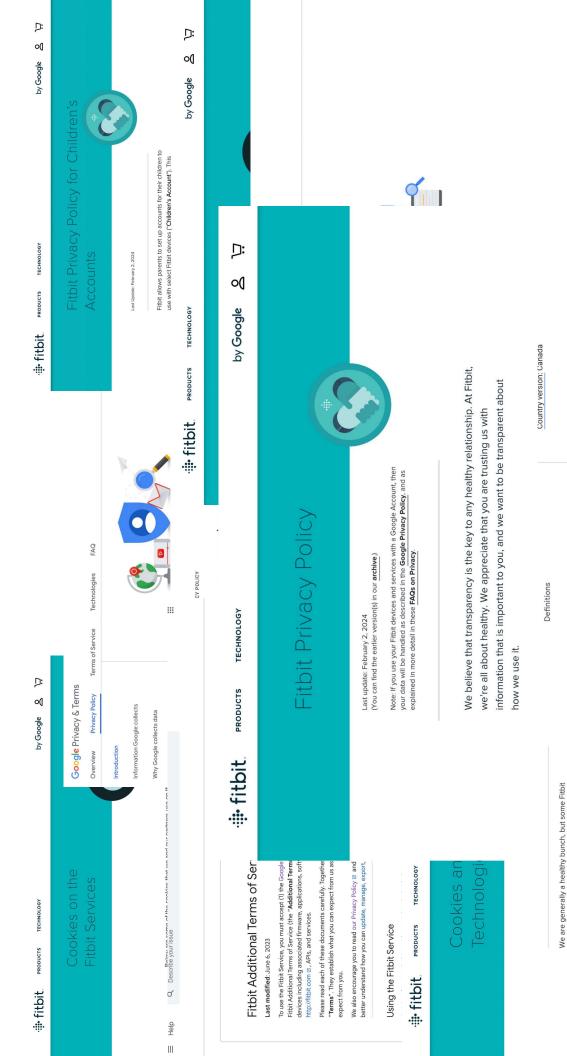
Stealth Health

Regain Control.

Presented by Gaby Le Bideau, Jeffrey Kauv Li, Aybuke Ekiz, Susan Pan

Recall of the Fitbit App



What's covered in these terms

List of services & service-specific

additional terms

How Google handles government

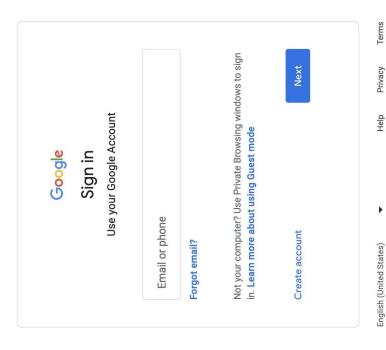
(the "Services"). Here we explain these technologies, why

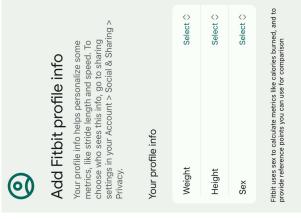
we use them, and the choices you have.

employees like to eat cookies. In addition, we and our partners use cookies and similar technologies on our services, including our websites and mobile applications

reminests for ilser information







- Data Aggregation by Google

- Personalized Ads
- Stored in the cloud
- Sharing with third-parties
- Train Google Al models
- Mandatory disclosure of personal information
- Data collection ON by default
- Consent management complex
- History of privacy violations
- Questionable Privacy Policy and Terms of Service

Save & continue

Exit

Our Goals

- A fitness and health tracker that prioritizes user privacy
- Optional and intentional disclosure of personal information
- High control over personal data
- No third-party data sharing
- Local data storage and analysis
- Simple and easy data management

Introducing Stealth Health

- React Native application that works on both iOS and Android
- All data is encrypted and stored locally
- Focus on informative UI, easy user data management,
- Total transparency to ensure meaningful consent
- Will provide many of the core Fitbit app features while maintaining a high level of privacy
- Future integration with the Fitbit API to sync with a smartwatch

Terms of Services and **Privacy Policy**

Terms of Services

This App is designed with your privacy in mind and for you to reach your health fitness goals with ease.

Read our Privacy Policy

such as smartphone or tablet. You also have the option to sync your smartwatch **Use of the App's Services**: You can use our App through any compatible device, with our App, if you have a compatible smartwatch.

Use of An Account: Our App does not require you to have an account, we don't even collect your email address. Posting Your Content on our App: By posting your information and data on our app, you do not share any information with third parties, or even with us. All your content is stored, encrypted, in your local device.

Terms of Services

Alerts and Notifications: If you agree to receive alerts and notifications, we may send you notifications. If you do not agree, App will not send you any alerts and notifications. Third-Party Services: Our App does not share any of your data with any third parties

Changes to the Services: In case of any changes to the App's services, or any changes to our Privacy Policy, we will let you know and ask for your informed consent again under new changes.

Termination: You may delete your data any time by clicking the option in the

Privacy Policy

own device. We don't collect anything else or share your data. Our app doesn't send Information Collection: We only keep the information you type into our app on your your data over the internet.

Data Usage: Your input is used for health calculations within the app, all processed locally. Your sensitive health info is encrypted for security.

Data Sharing: Your info is never shared outside your device; it stays private.

Your Control: You decide how long your data stays (3 days to 1 year), can delete your account/data anytime, and choose what health data to share for accurate

Privacy Policy

Analytics & Ads: The app doesn't use analytics or show ads, keeping your data private from third parties.

Security Measures: Health data on your device is encrypted. You can also add extra security with Face ID or a phone password. Policy Changes: If the policy changes, you'll be notified and asked for consent again. Data Retention: You can choose how long the app keeps your data, from days to a year. Deleting your account is easy too.

Privacy-Centered Design

Minimize

- User's personal local device.
- Minimal amount of data needed.
- All the collected data are optional.
- Possible to input as little as or as much as health data.

Abstract

Age range instead of their exact age

Hide

- Encrypted
- Authentication

Inform

Privacy Policy & Terms of Services

Control

- Data retention period.
- Ability to delete their data at any time.

Technical Details

Data Security & Encryption

How the user's data is stored on their device:

Permanent and Semi Permanent data: expo-secure-store (Keychain 10S) ı

Daily data: encrypted using 'react-native-crypto-js' AES function and stored in the file system. Decrypt on rendering

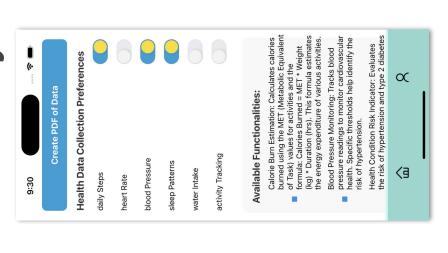
Preferences: Stored in the file system unencrypted.

Data - Oriented Strategies

- Abstract: Use of age ranges instead of exact age; steps counted without precise location data, enhancing user anonymity. ı
- preferences) in dedicated, logically separated locations to prevent data Separate: Storage of different data types (personal info, daily data, aggregation and enhance privacy.

Authentication and Modular Analytics

- We are using the expo-local-authentication to perform the faceID authentication.
- Depending on the users data collection preferences we are only computing certain functions



Demo

Privacy Isn't hard if you try