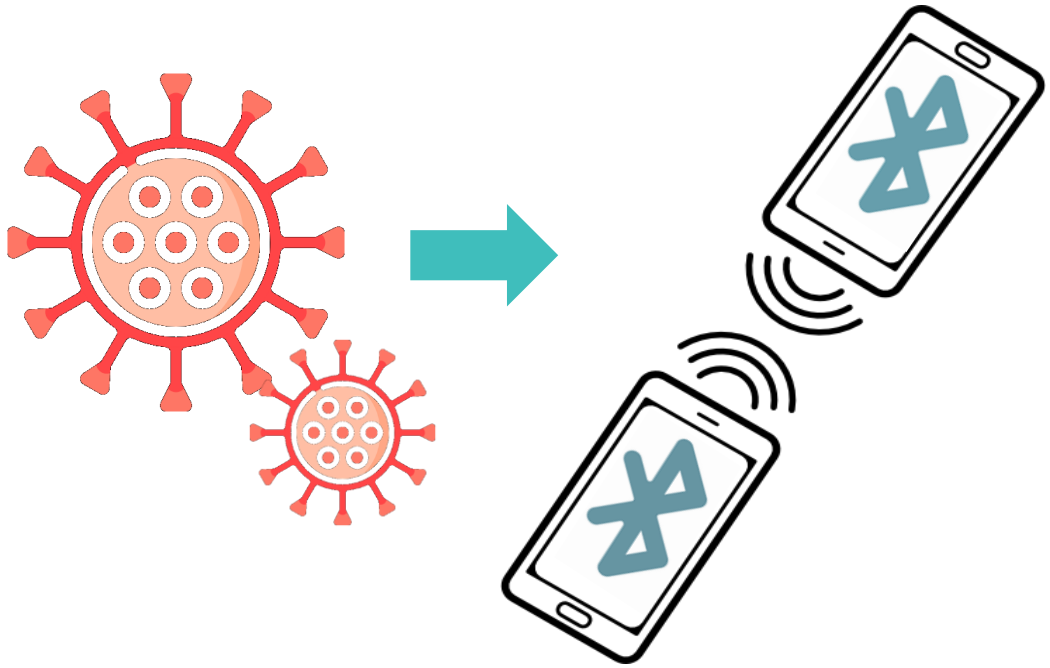
SafetyConnect

COVID-19 Response -
Mobile Application for Enterprises



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Sustainable
Solutions

DATBEAT

Overview

As the COVID-19 pandemic related lockdown restrictions are being eased world over, the onus shifts on enterprises to provide a safe work environment for their employees while managing business operations with minimal disruption. Our **Bluetooth-enabled mobile application (SafetyConnect)** helps companies mitigate the risk and actively manage the new normal

Functionality

Check-In: Daily check-in mechanism for employees to provide updates on their work status and ability to work

Contact Tracing & Follow-Up: Identify possible contacts of the affected employees within a stipulated timeframe (e.g., 2 weeks prior to a positive test) and contact exposed employees to take measures to isolate/ quarantine

Dashboard: Reports to management/ HR on the overall employee status by BU/ location and facility status

Role Based Features: Functionality provided based on the roles defined by the organization (e.g. HR, Employee, Management

Features

Bluetooth Enabled: Leverages Bluetooth technology on the mobile phone as a proxy to determine the proximity between employees when within the defined geolocation (office/ plant/ warehouse etc.)

Data Privacy: Proximity data collected is stored against a unique ID in an ***encrypted*** form on cell phone and the mapping between employee and unique ID happens only while contact tracing

Cross-Platform: Available on both iOS and Android

Geofence Enabled: Ability to turn on app/bluetooth when the app is within the stipulated location

While there are a number of government supported contact tracing apps, SafetyConnect places a greater control in the hands of enterprises and provides greater flexibility to actively track and manage employee and facility status

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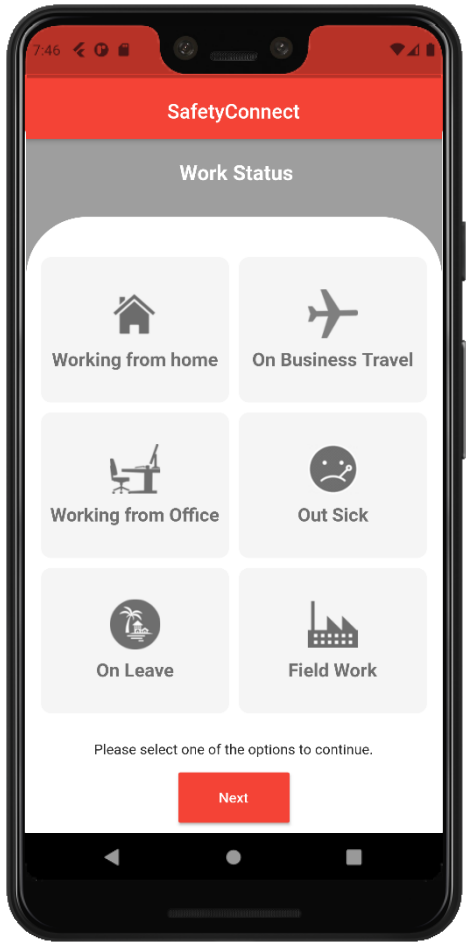
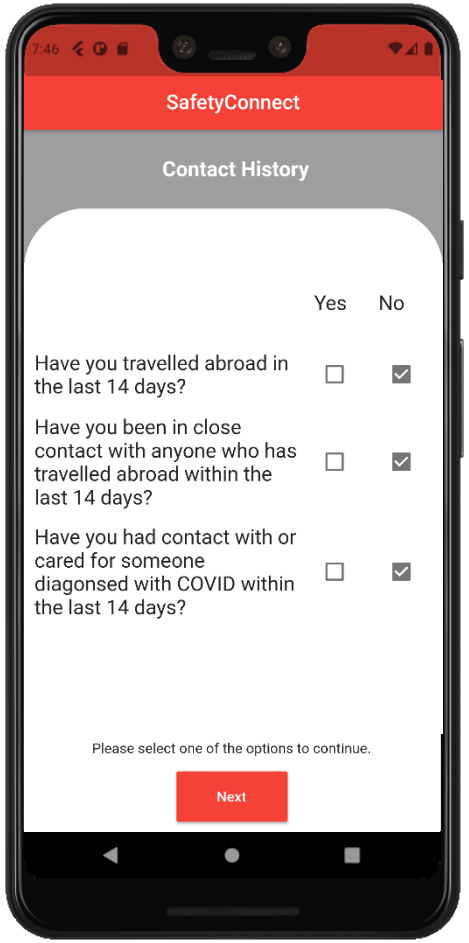
Check–In Functionality

The Check-in module in the app collects data which will help in determining the status of employees by facility or Business Unit and their ability to work

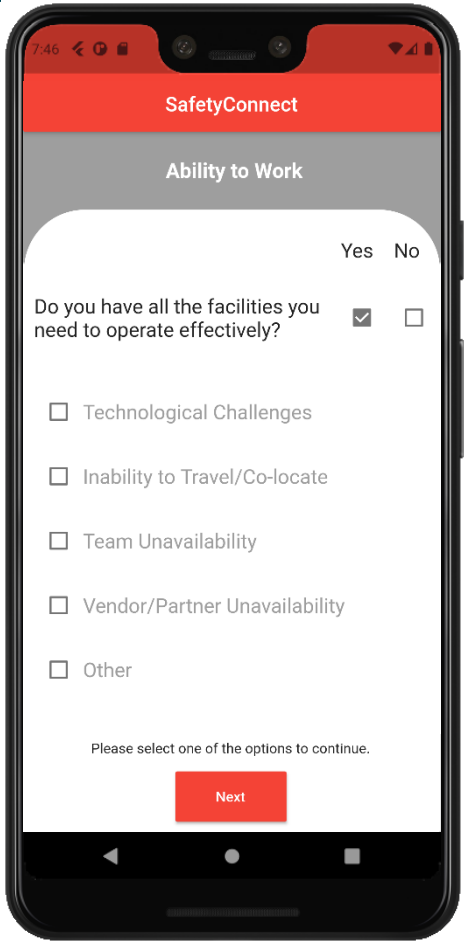
1 Work Status



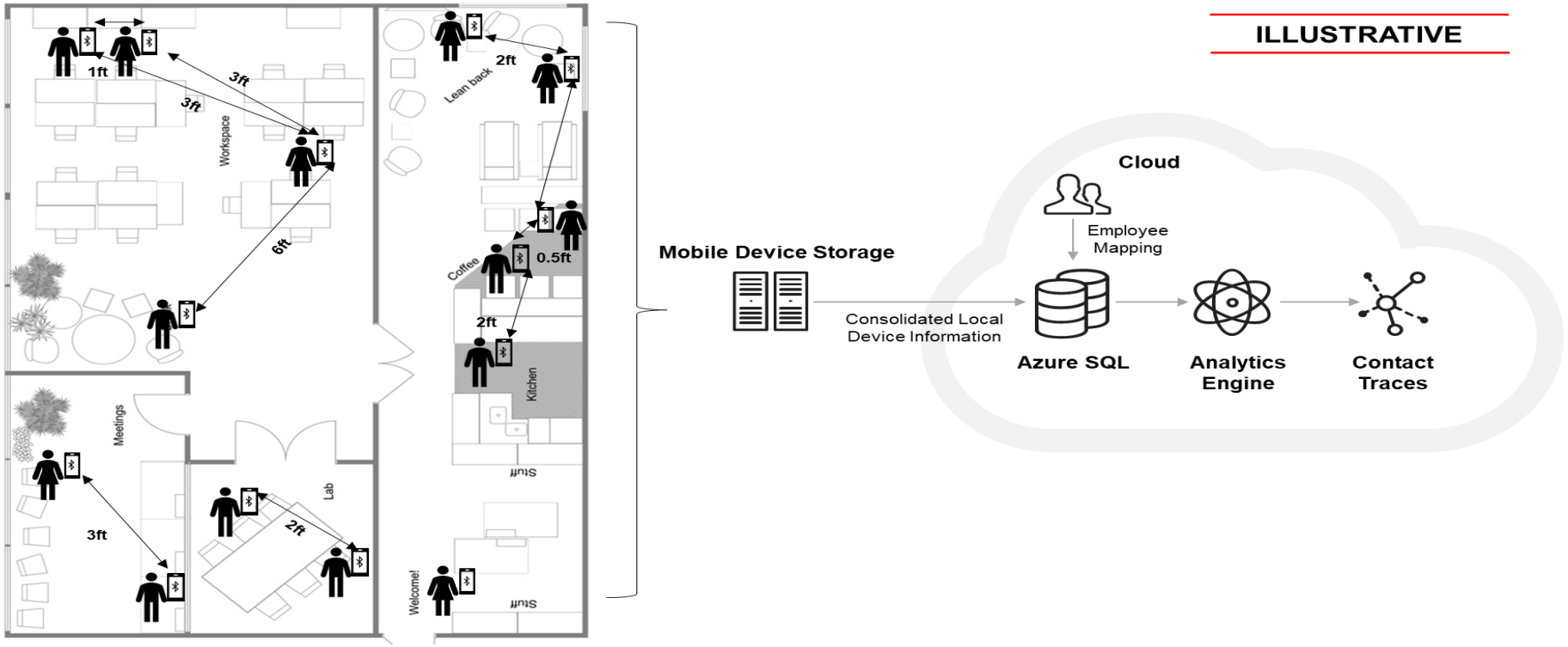
2 Risk Assessment



3 Ability to Work



Contact Tracing Functionality



- When a mobile device (with SafetyConnect registered and Bluetooth on) comes into the geolocation and in range (within 6ft) of another device, then the proximity distance along with the timestamp and employee unique IDs will be stored on the mobile
- When someone is reported COVID-19 positive, the encrypted data from all mobile devices will be retrieved for the specified data range onto cloud
- The Analytics Engine then identifies the contact traces based on the timestamps, proximity distance & mapping between unique IDs and employees along with risk categorization (Low, Medium & High) based on the number of touchpoints, distance and collective duration

Dashboards for Management/ HR

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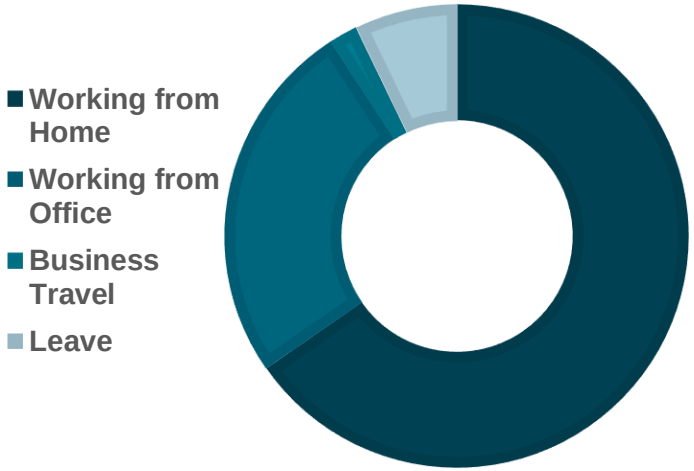
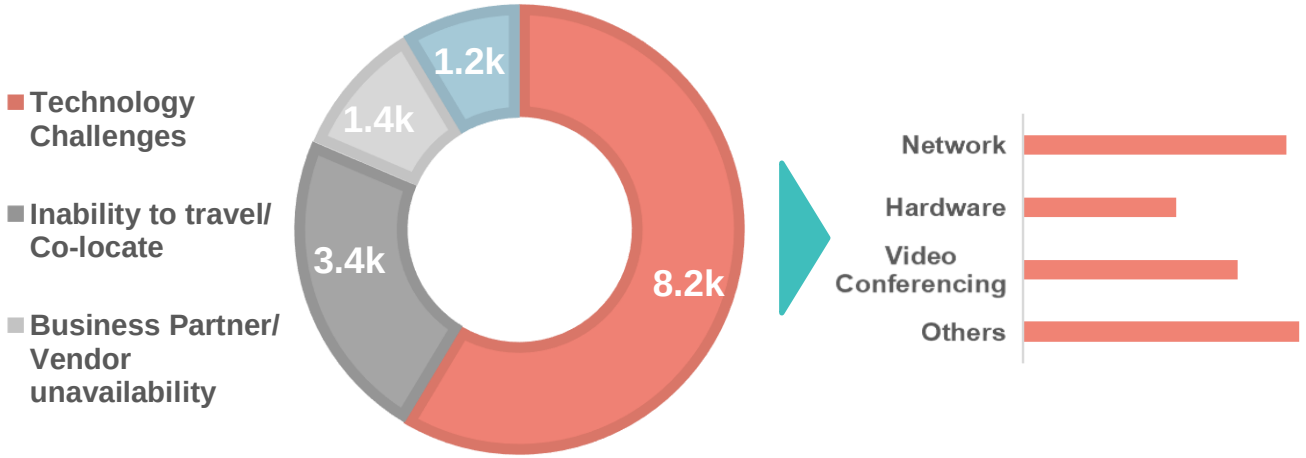
Check-In Reporting



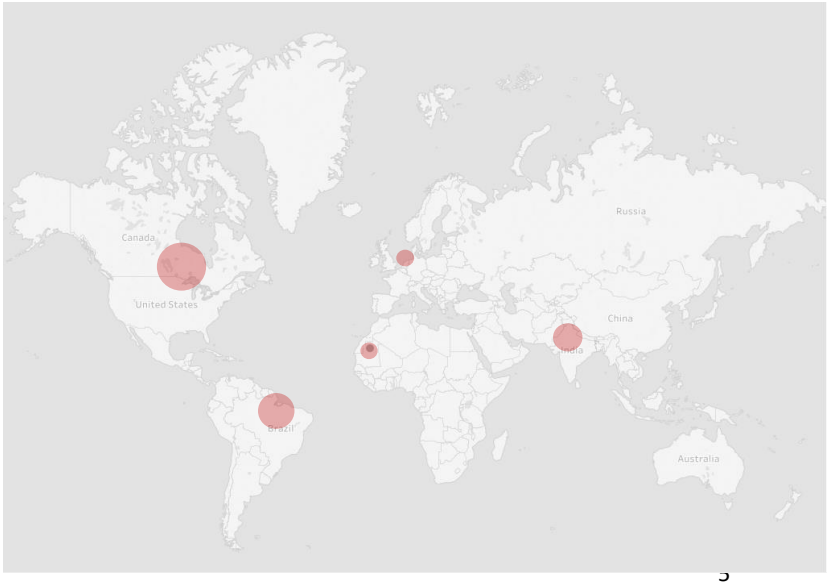


Contact Tracing

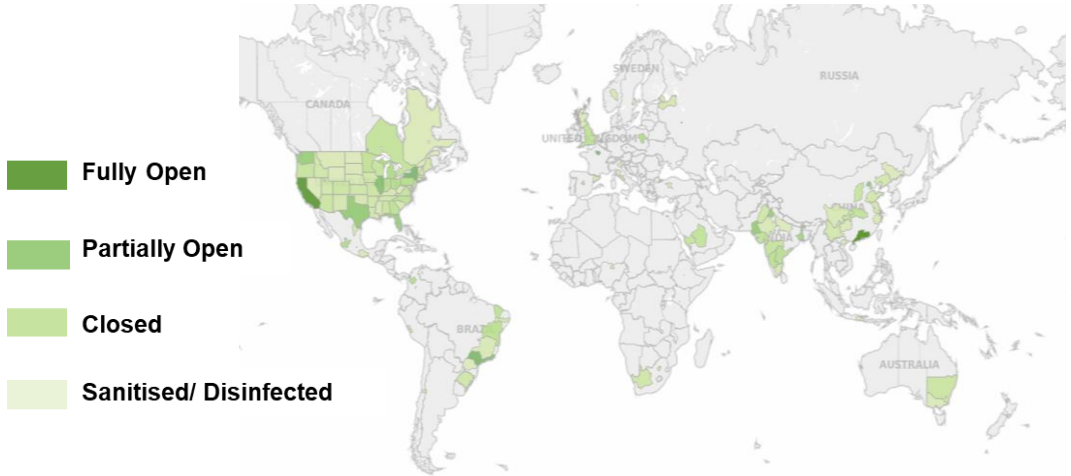
Reported Cases
95

Potential Exposures
871

Affected Facilities
5



Facility Status



Dashboards for Management/HR

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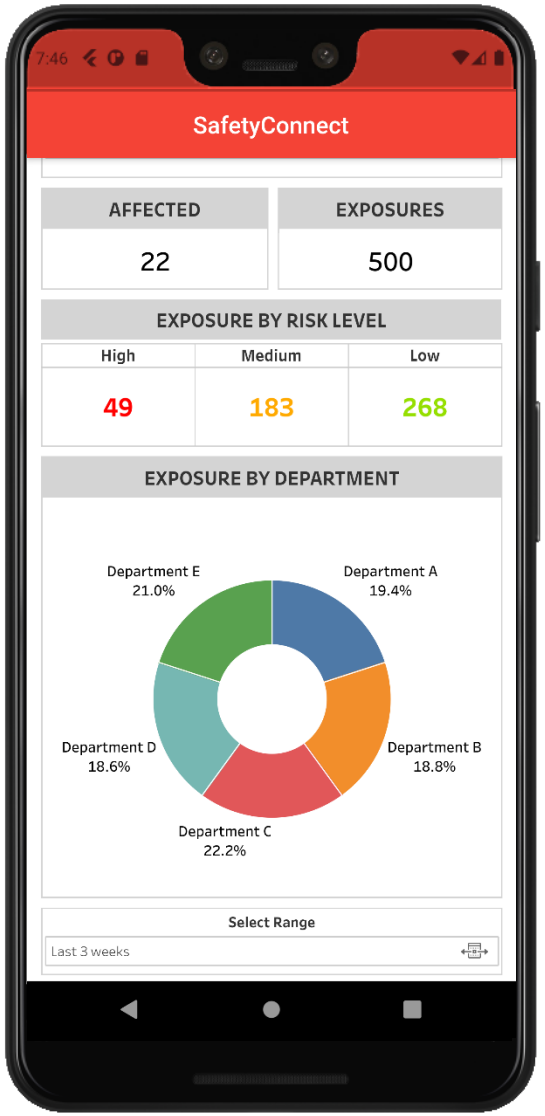
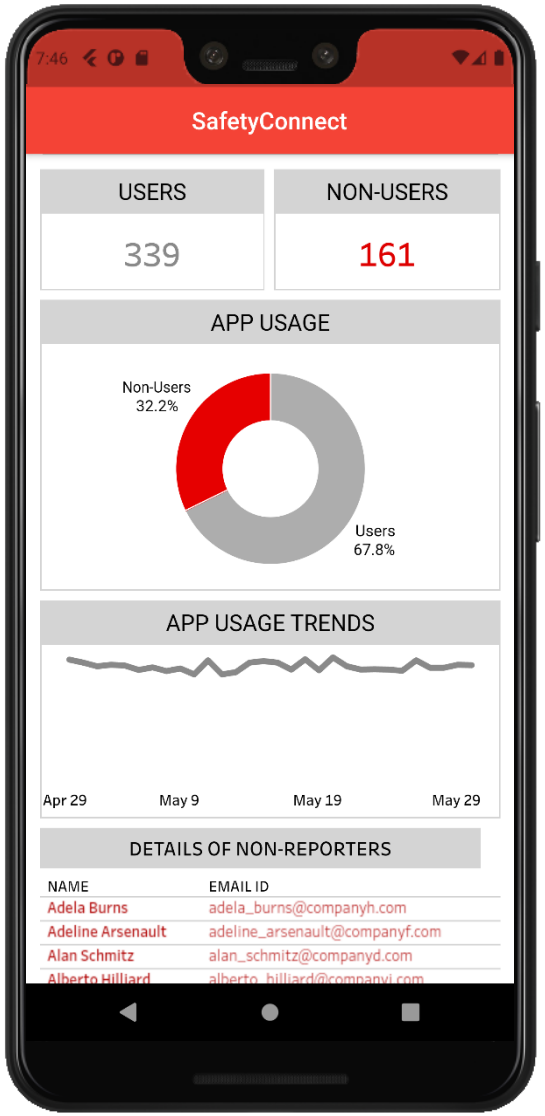
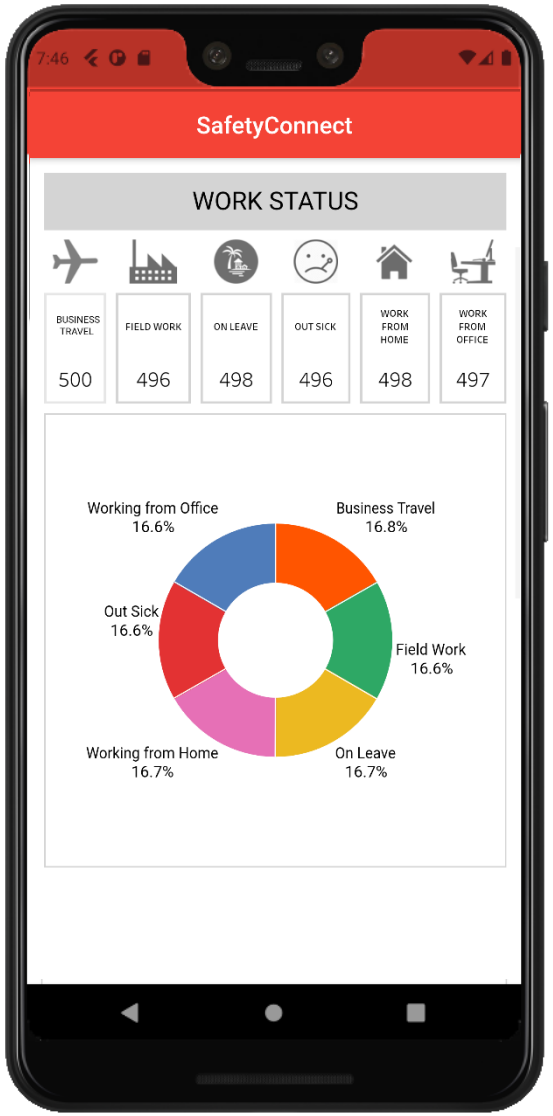
Potential Exposures



App Usage Stats



Work Status



Thank You!

Our offices are located in the USA and India

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