## Firebase Database

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### Key Capabilities

Realtime

Offline

Accessible from client devices

#### Realtime

Uses data synchronization

Every time data changes, any connected device receives that update within milliseconds

### Offline

Firebase Realtime Database SDK persists your data to disk

# Accessible from client devices

accessed directly from a mobile device or web browser

Security and data validation are available through the Firebase Realtime Database Security Rules

## How does it work?

#### Integrate the Firebase Realtime Database SDKs

Quickly include clients via Gradle, CocoaPods, or a script include.

#### Create Realtime Database References

Reference your JSON data, such as "users/user:1234/phone\_number" to set data or subscribe to data changes.

## Set Data and Listen for Changes

Use these references to write data or subscribe to changes.

#### **Enable Offline Persistence**

Allow data to be written to the device's local disk so it can be available while offline.

### Secure your data

Use Firebase Realtime Database Security Rules to secure your data.

### Thanks!

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