

# Navigation Sheet – REDCap Mobile App

Compliance & Data Office

Research Support Office



**Karolinska  
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## Introduction

The REDCap mobile app is a tool which can be used for offline collection of data in a project, e.g., in areas with poor internet connection. The app can be downloaded on either an Android or iOS tablet or a mobile phone. Data can be collected in an offline mode on that device and later be synchronized back to the REDCap project on the online server. The app is used by data collectors in the project.

## Instructions

1. Start by downloading the app on the mobile device to be used for data collection.

REDCap Mobile App

Set Up Project Dashboard All App Activity App Data Dumps App Logs

VIDEO: Mobile App Overview VIDEO: Mobile App Project Setup VIDEO: Installing the Mobile App

**What is the REDCap Mobile App?**

The REDCap Mobile App is an app that can be installed on an Android or iOS tablet or mobile device so that data may then be collected in an offline fashion on that device. At some point later on, it may then be synced back to this project on the REDCap server. The app is most useful when data collection will be performed where there is no Internet service (e.g., no WiFi or cellular service) or where there is unreliable Internet service.

Once a user in this project is given 'REDCap Mobile App' privileges, they can navigate to the mobile app page on the left-hand menu and use it to set up this project inside the mobile app on their device. Once the mobile project is set up on the device, the user can collect data (which is stored locally on the device), and then at some point, sync that data back to this project on the REDCap server.



**STEP 1: Download the app on your device**

You must first download the REDCap Mobile App on your iOS, Android, or BlueStacks (Android emulator) device by clicking the appropriate icon below, or alternatively, if you are not currently on a mobile device, you can search the App Store or Google Play Store for 'REDCap' on your mobile device to find the app there to download. The app is available for the following platforms: iOS 6.0 or later (iPhone 4 and up, iPad 2 and up) and Android 4.3 or later (phones and tablets).



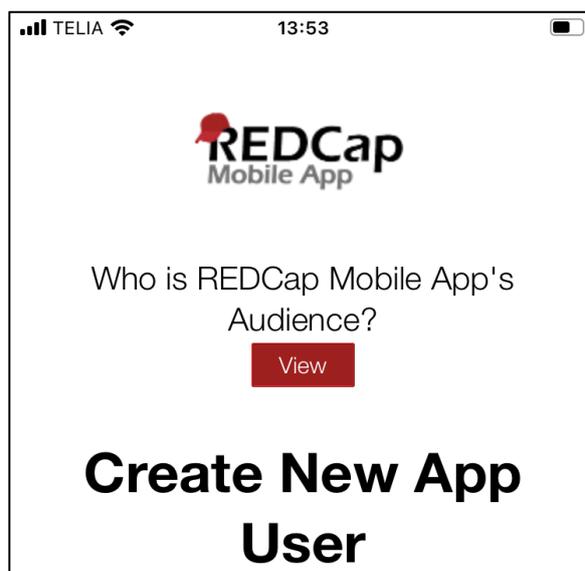
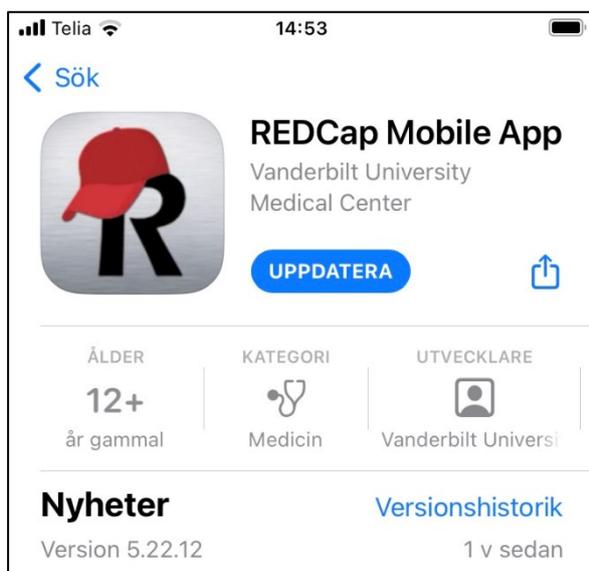




**NOTICE:** In order to set up this project in the REDCap mobile app, you must first request an API token.

You currently do not have an API token yet for this project. Having a REDCap API token allows other programs, scripts, or apps to communicate with the REDCap server remotely. An API token is required for using the REDCap mobile app so that the app can download and upload your project information and data. To request an API token, simply click the button below, which will send an email request to your local REDCap administrator. Once they have granted you an API token, in which you will be notified via email, then you may return to this page to set up this project on the REDCap mobile app on your device.





2. Two accounts need to be created the first time you use the app – one administrator account and one account for the data collector.

**Administrators** create and manage accounts for the data collectors. There will only be one administrator for each mobile device.

**Data collectors** deals with all the data collection via the mobile app. Multiple data collectors can use the same mobile device for data collection.

If you use different devices for data collection you have to create new user profiles for each device. The user profiles are separate from the online REDCap accounts.

3. Before you can move forward with the next step, you first need to obtain an API token. This request is made on the online version of REDCap and needs approval from a REDCap administrator. Once you've received the API token, a QR code will appear in REDCap.

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 Set Up Project
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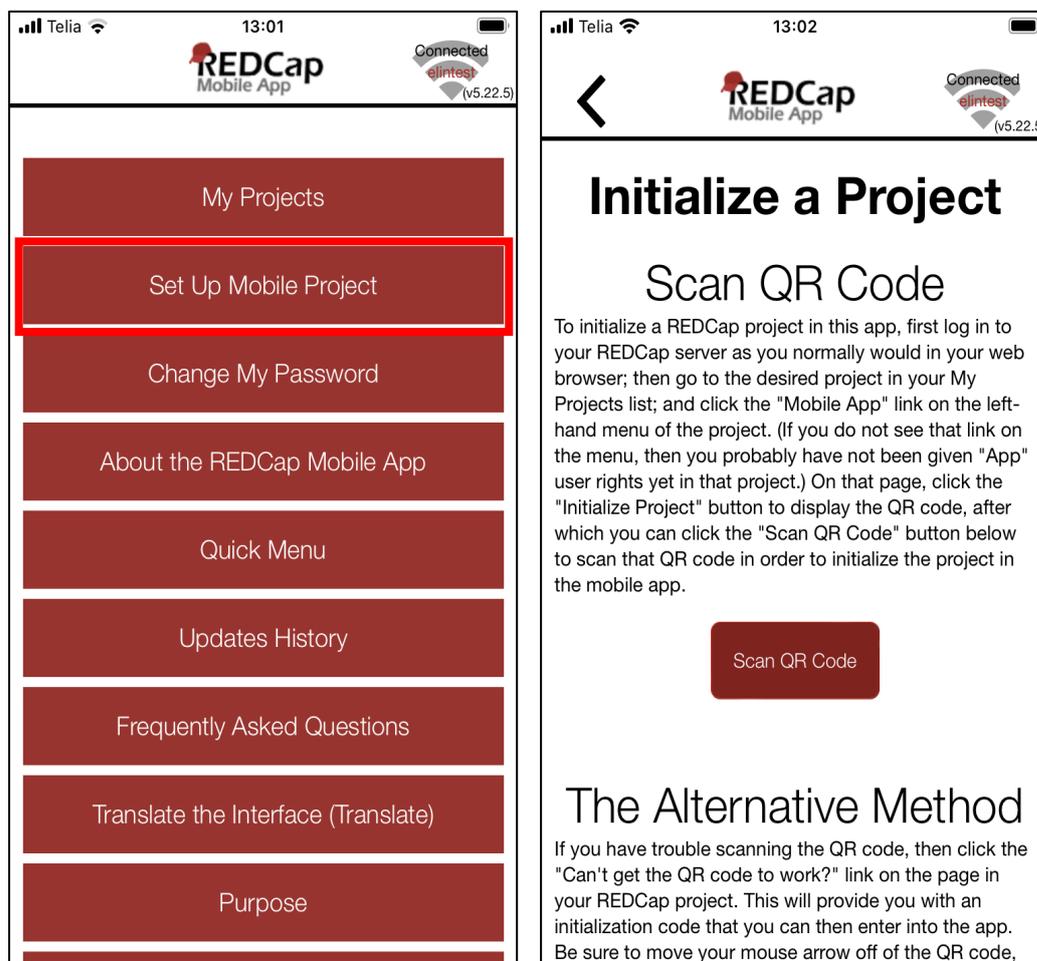
 Email me links to download the app

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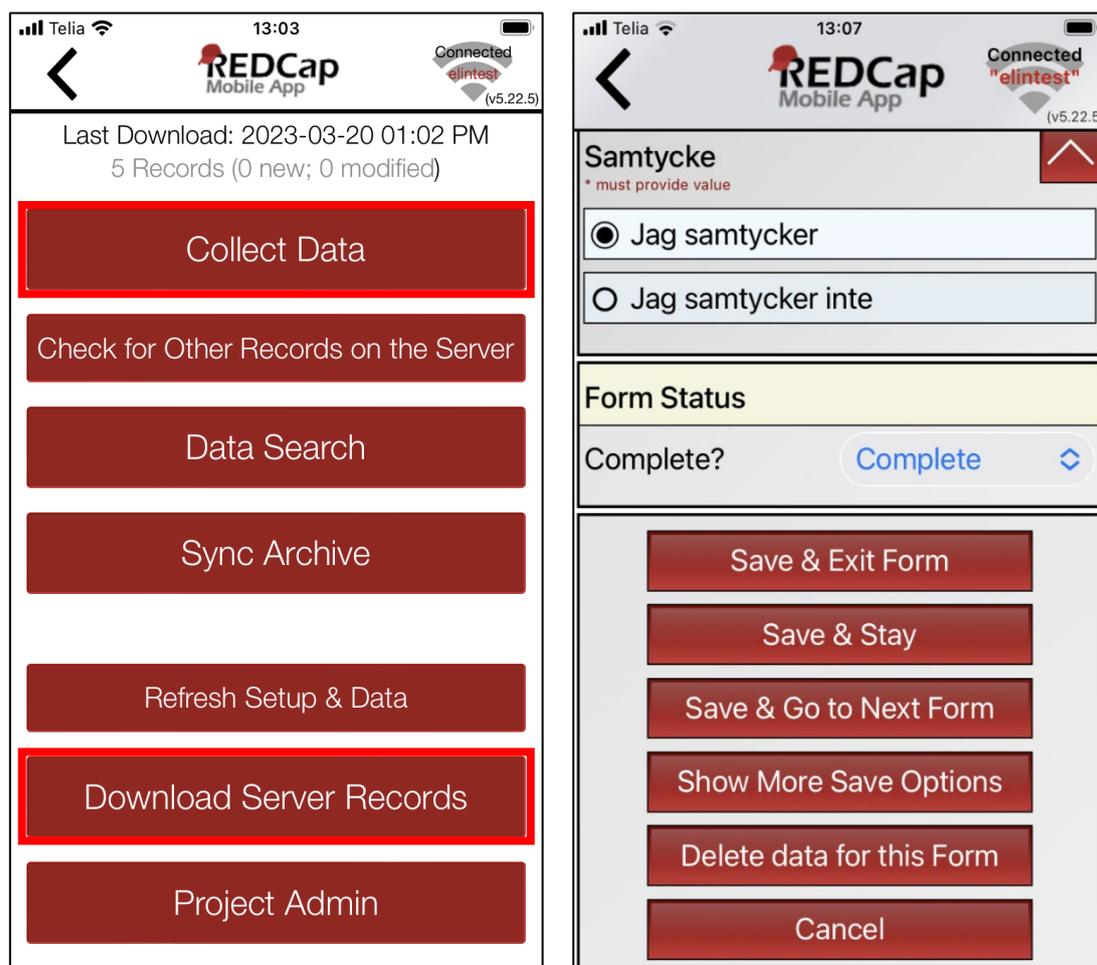
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 Request API token

- Once the API token is obtained, go back to the app and choose "Set Up Mobile Project" and then press "Scan QR Code". The camera on the mobile device will open and you should then scan the QR code that appeared in REDCap. If the QR code is not working, you can instead use an initialization code.



5. You can choose to download existing Records from the server before you begin the data collection. Otherwise you simply choose "Collect Data". You will then be able to collect data for already existing Record IDs or create new ones. Once the data is collected and you have access to the internet, you will get the option to upload the data by clicking "Send Data to Server".



6. You can easily check the activity for the mobile device via the server by navigating to REDCap Mobile App – Dashboard or All App Activity. If multiple devices are being used in the project, you can also use this page to name the devices in order to easily tell them apart.

Set Up Project
Dashboard
All App Activity
App Data Dumps
App Logs

Displayed below are the devices utilizing the REDCap Mobile App for this project and also a log of important activities - namely, the most recent project download and the five (5) most recent synchronizations. You may provide each device with a nickname to more easily identify the device in the activity below and other Mobile App pages. You may also 'block' an individual device so that it may no longer sync data, download data, or even have the project be accessible within the Mobile App on the device. For instance, you might want to block the device if it were stolen. This helps protect your data from being corrupted or from falling into the wrong hands.

**Devices Used By The Mobile App**

Device UUID	REDCap Nickname for Device	Block Device?
8C36AA2E-D592-4BF0-876E-7BA3E0727247	<input type="text" value="Add Nickname"/> <input style="margin-left: 10px;" type="button" value="Save Nickname"/>	<input type="button" value="Unblocked"/> <input type="button" value="Block Device"/>

**Recent Downloads and Uploads (All Devices)**

App Event	Time	Effect	Device
Last Refresh	20/03/2023 13:02	Project Download, but No Data Downloaded	8C36AA2E-D592-4BF0-876E-7BA3E0727247
Last Sync 1	20/03/2023 13:11	Upload with 1 Record.	8C36AA2E-D592-4BF0-876E-7BA3E0727247