

Verify the Accuracy of Cycle Counts and Inventory Audits

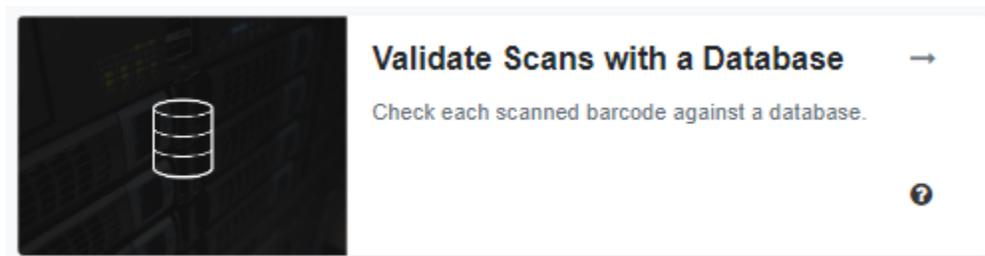
Here are the instructions to configure the mobile app, create a database, and export scan records into your system.

A. Configure the CodeREADr app's workflow ("Service").

1. Sign in to the CodeREADr website and select "Services" and then "Add a Service".



2. Select "Validate Scans with a Database".



3. On the "TYPE" tab, you will name the service, create a new database, and select duplicates to be valid. For the database, you'll just name it here. Later you will import your database using a specific format.

Edit Service "Inventory Audit with AB Compare" - Step 1

Type

Users

Questions

Advanced

Done!

 Your service type is **Validate Scans On-Device**

Save and Continue

This cannot be changed.

Name

Name the service

Inventory Audit with AB Compare

Description

Provides instructions to users after the service is selected. Can include HTML - See [our knowledge base](#) for more information.

What database would you like to validate your scans against?

Database:

AB Compare Inventory Audit

**Create a new database
(name it here)**

[show AB Compare Inventory Audit](#) or [create a new one](#)

What should be the status of duplicate scans?

Valid

**Select duplicate scans
to be valid**

A duplicate scan will have a valid result.

Invalid

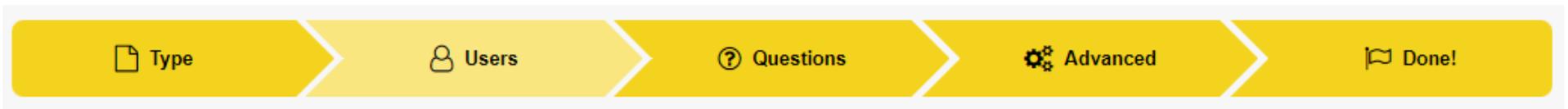
A duplicate scan will have an invalid result.

Would you also like to use a pattern to validate scans not in the database?

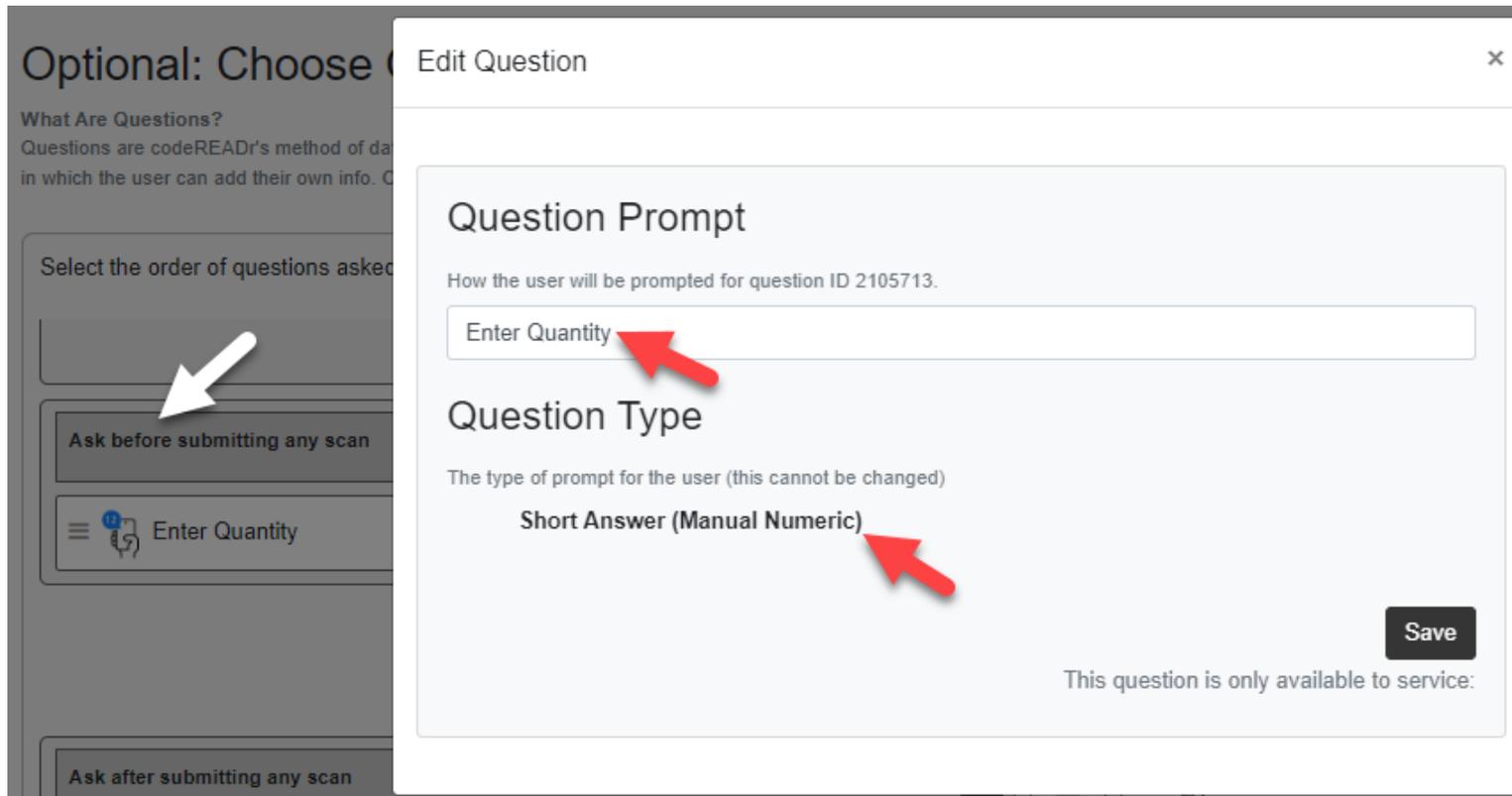
Apply a Validation Pattern

You can define the pattern using a simple code match, or regular expression.

4. On the “Users” tab, you will add the usernames you want to be able to access this service on their device.



5. On the “Questions” tab you will “Add a Question” type called “Short Answer (Manual Numeric)” and name it. Place that under the section “Ask before submitting any scan”. Click the asterisk to make it mandatory to answer.



6. Also on the “Questions” tab, you will “Add a Question” “Short Answer (Manual)” and place it under the section “Ask after submitting a non-valid scan”.

Optional: Choose

What Are Questions?

Questions are codeREADr's method of data collection in which the user can add their own info. C

Select the order of questions asked

Ask before submitting any scan

Enter Quantity

Ask after submitting any scan

Drop any Question here

Valid Scan

Invalid or Error Scan

Ask after submitting a valid scan

Drop any Question here

Ask after submitting a non valid scan

Comments

Edit Question

x

Question Prompt

How the user will be prompted for question ID 2105720.

Comments

Question Type

The type of prompt for the user (this cannot be changed)

Short Answer (Manual)

Save

This question is only available to service:



7. On the “Advanced” tab, you will select Auto Sync, Auto-Next Scan, choose to not reopen the camera after each scan, and optionally disable the in-app Lookup option. You can also optionally use the “[Add Scanner Customization](#)” feature to target only those barcode types and formats you want to capture (aka “Smart Scan”).

On-device:

- Duplicate scans on-device are INVALID.
(This only applies when scanning to the device and only checks against the scans currently on the device.)
- Manual Sync (auto check for new database after manual scan upload).
- Auto Sync (auto upload saved scans and download new databases).
Please visit [HERE](#) before using this feature.
 - (optional) Sync scans directly to my server.
- Email me when on-device scans are uploaded.
- Postback each on-device scan uploaded to a specified URL.

Capturing:

Add Middleware

- Alter Scan Value ([Learn More](#)).
- Alter Response Value ([Learn More](#)).
- Auto-Next Scan (pauses for answer input).
 - Only when valid.
Halts when result is invalid or connection fails while *scanning online*.
 - Always. (Save if error.)
If connection fails, log a record on-device and continue.
 - Always. (Discard if error.)
If connection or database fails, discard scan record and continue.
- Custom auto-next delay in seconds
- Do not automatically reopen camera after scan.
- Disable Camera Scan.
- Disable Manual Scan.
- Disable database "Lookup".
- Enable Kiosk Mode ([Learn More](#))
- Configure NFC capturing ([Learn More](#))

8. Also on the “Advanced” tab, you will [copy and paste this script \(PDF\)](#) into the “Enable on-device custom validation”.

Miscellaneous:

- Collect Device Location without interruption as a property with each scan.
Note: configure Location collection as a Question if the app-user should review the location with each scan.
- Enable custom web view "Lookup".
- Disable Scan "History".
- Disable App "Settings".
- Enable custom web view for scan "History".
- Enable custom display configuration.
- Enable on-device custom validation.

Enter your custom validation Javascript (Learn More)

It is executed before each on-device scan is recorded.

```
<script>
// _valueA/B/C can be set to "SCAN", "RESPONSE", or
// "QUESTION" - compares first question asked regardless
of ID
// "QUESTION_ID" i.e. "1234" - compares the specific
question by ID
```

- Enable PRINT Option (Learn More):

B. Configure the CodeREADr database.

1. Format your comma delimited file (or .txt file) like this, where “**25**” represents the quantity in stock currently:

	A	B	C
1	Option 1		
2	Barcode	Response	
3	681131109611	25	
4			
5	Option 2		
6	Barcode	Response	
7	681131109611	Equate Sun Block, 25	
8			
9	Option 3		
10	Barcode	Response	
11	681131109611	Equate Sun Block, System Quantity: 25	

- After signing in, navigate to the Databases page on the CodeREADr website. Test with a manually added value and response. For production, import your inventory file.

codeREADr™ Scans Services **Databases** Users Questions Tasks 10+

AB Compare Inventory Audit

2 values in **case-insensitive** database (ID 1103285)

Search +Add Import Export AutoFill

Add manually **Import CSV**

Add a Barcode Value

Value: 681131109611

Response: Equate Sun Block, System Quantity: 25

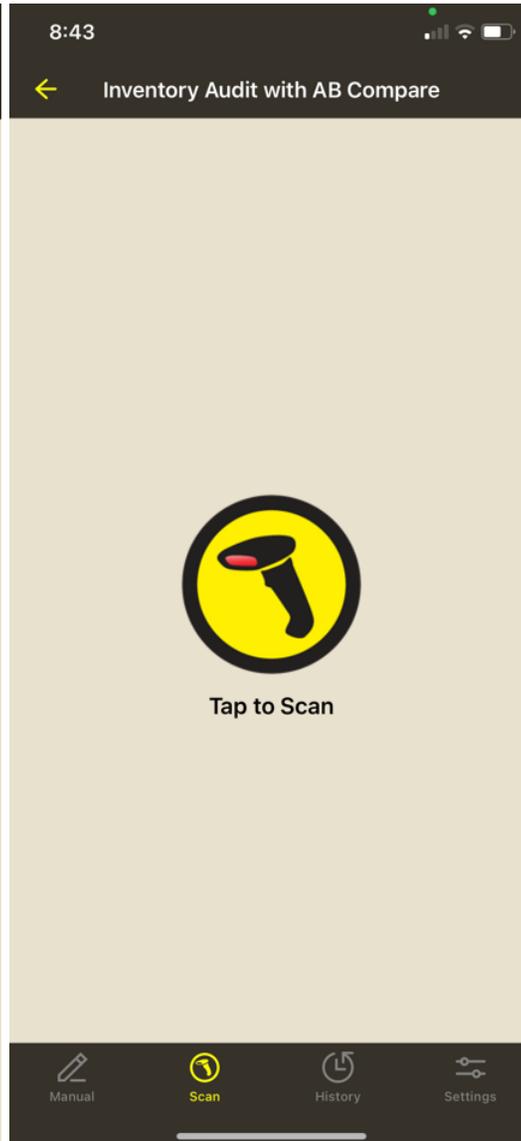
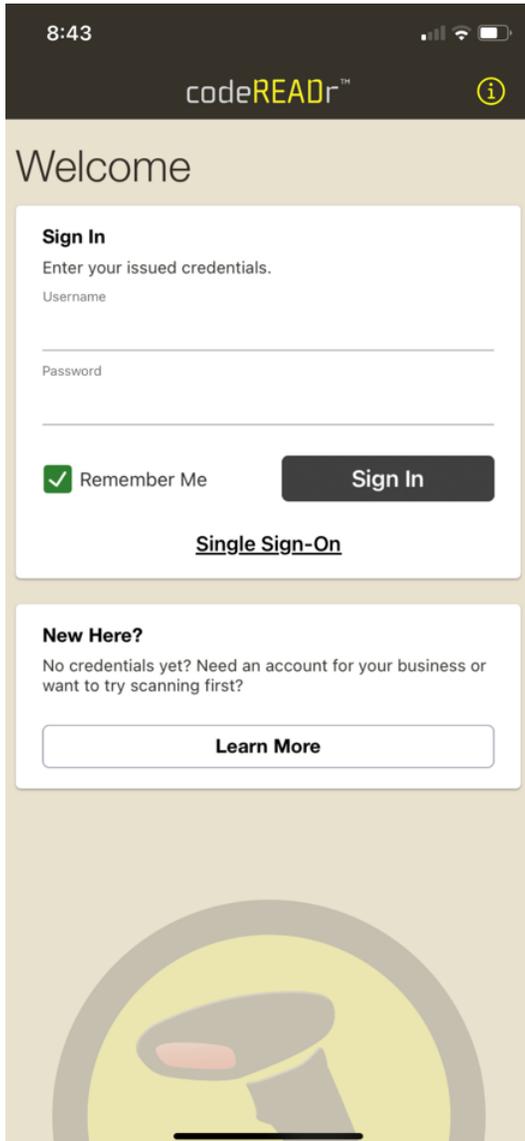
Trim value

Validity: Valid Invalid

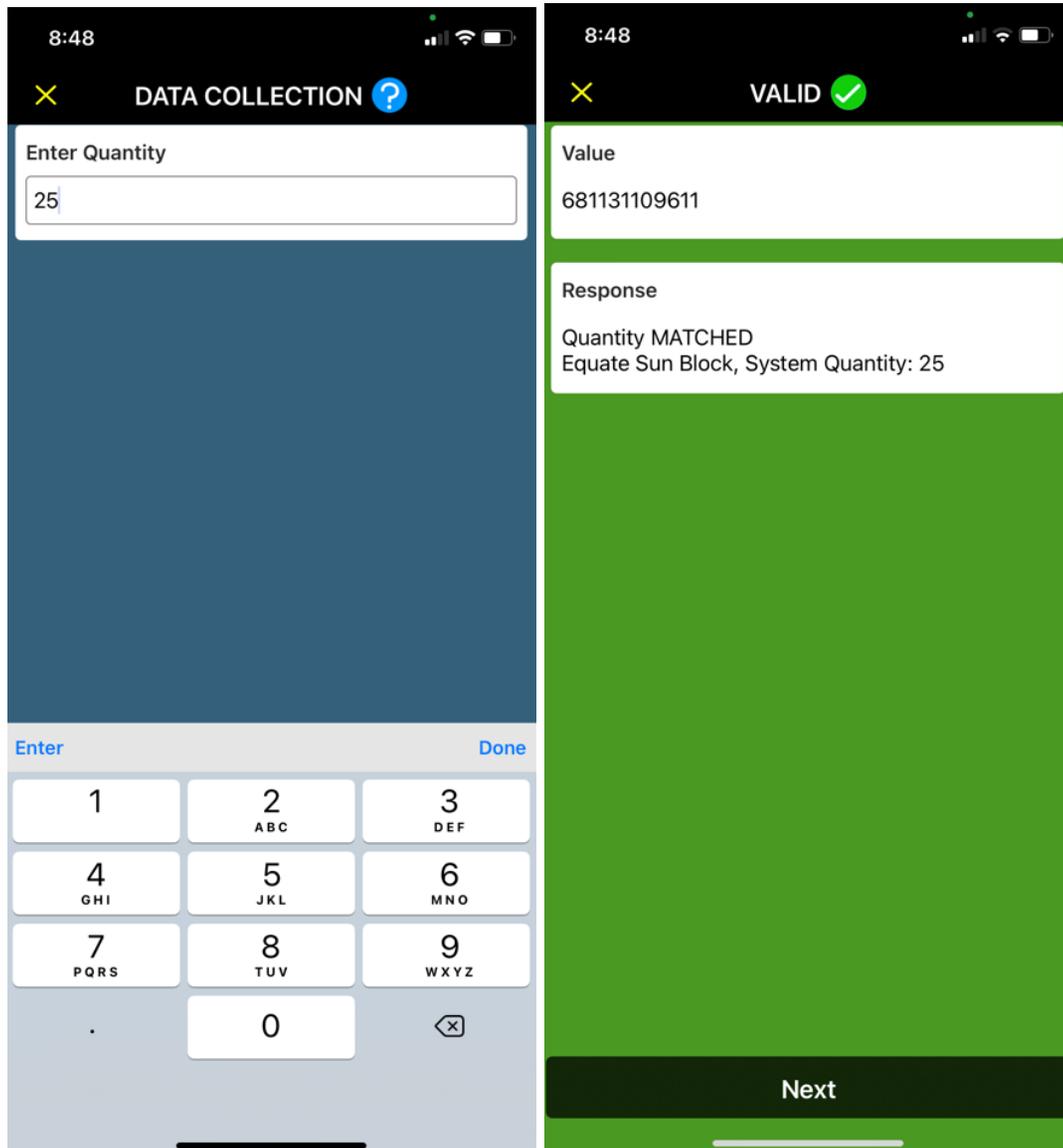
Add

C. Mobile app screenshots.

1. Sign in. Scan the barcode (or manually enter it). Enter the manually counted quantity. If it matches the database's quantity for that item, there will be a Valid response. If it does not match, there will be an Invalid response and an option for the app user to comment.



Here are the screenshots for when the entered quantity matches:



Here are the screenshots for when the entered quantity does not match:

8:43

DATA COLLECTION ?

Enter Quantity

3

Enter Done

1 2 3
ABC DEF

4 5 6
GHI JKL MNO

7 8 9
PQRS TUV WXYZ

. 0

8:48

INVALID -

Value

681131109611

Response

Quantity NOT MATCHED
Equate Sun Block, System Quantity: 25

Comments

Submit

D. Exporting your data.

1. You can use the [standard tools for exporting data from CodeREADr](#), including export templates to configure the columns and headers for the destination database as well as automating exports and downloads based on pre-defined schedules. Also, ask us about a shared Google Spreadsheet to help you automate importing, editing, and exporting inventory data. Email support@codereadr.com.

E. Low-code / No-Code Integrations

1. Any administrator can use [no-code API Connectors](#) like Zapier, Make (Integromat), Pabbly, and other tools to connect CodeREADr to many of the third-party apps that you currently use.
2. Developers can post scans to their own servers, validate scans against their own inventory database, and create custom responses for their app users. That can be done with [Postback URL and Direct Scan to URL \(DSU\)](#). Developers can also use our [API](#) to post database values you CodeREADr's servers and pull scan records with the Scans Retrieve API.

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