

ViziApps “OSHA” Demonstration App for Quickbase

Quick-start Instructions

I. Background

The Quickbase Exchange **OSHA Construction Site Safety Audits** app is a high-quality demo that provides OSHA Audit support. The app contains 335 “checklist questions” organized by 25 categories, which are adopted from OSHA regulations (29 CFR Part 1926) that apply to construction work. The checklist provides questions indicating areas of safety concern and appropriate corrective actions as required to bring back the area of risk to compliance.

ViziApps provides a companion mobile app that is intended for field use, built on top of the Quickbase OSHA App. This mobile app can be used by a field worker or auditor to perform an OSHA inspection at a construction site. The mobile app provides a “real world” experience, based on using an iPhone or Android device, and leverages device-specific features that are ViziApps differentiators and not available via the Quickbase mobile solution.

The ViziApps OSHA app provides the following capabilities:

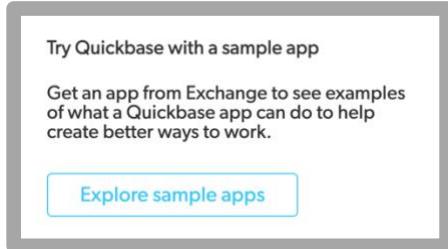
- Login using credentials in the OSHA App, based on typing in an employee ID or using barcode scanning of a badge
 - See Appendix 1 for sample badge that works with the app
- Read and write access to Quickbase tables used in the app
- Drill down to Audit Status lists, Checklists, and Corrective actions and ability to add text content to the database
- Ability to capture photographs and place into Quickbase image URL field
- Real-time GPS lookup of location
- Voice to text capture of notes
- Device-based signatures for certification of results
- Initiate phone calls (demonstration example is to call a supervisor or manager)
- Display of the map where the audit is taking place, based on physical address

II. Installing and Configuring the Quickbase Sample App

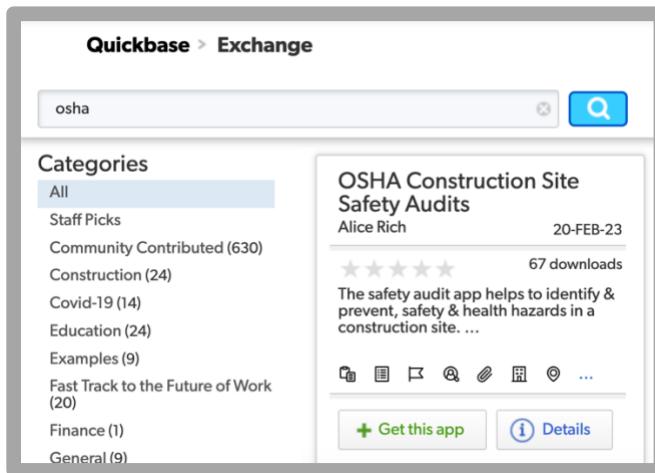
IMPORTANT: you will need a Quickbase account. If you do not have one, please create a Trial Account or contact your Quickbase representative.

Here are the steps to installing and adding a field to the Quickbase sample App:

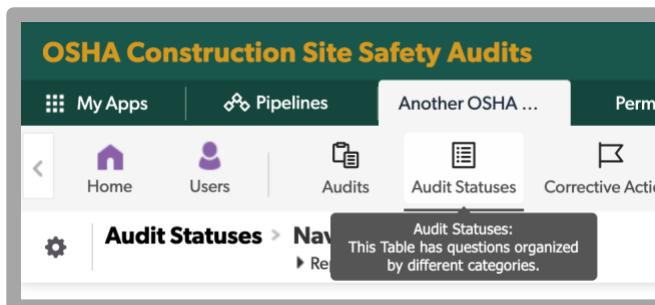
1. Click [Explore sample apps] from the Quickbase main screen.



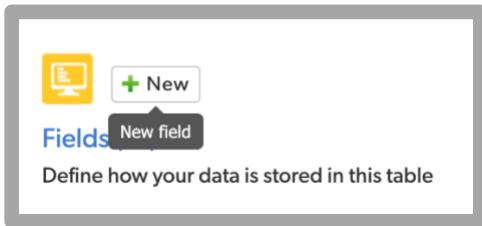
2. Type “OSHA” in the search box. You’ll see the “OSHA Construction Site Safety Audits” app listed. Click [+ Get this app], and the app will be installed into your apps area.



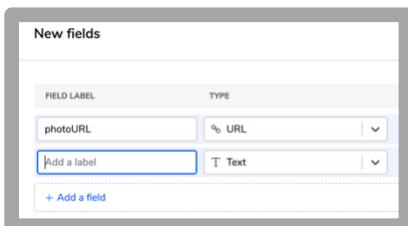
3. Once in the app, click the “Audit Statuses” icon, and then the settings (⚙) icon.



4. You'll see the "Audit Statuses Settings" page. We're going to add 2 new fields. First, click the [+ New] button next to the Fields icon.



5. Name the new **FIELD LABEL** to "photoURL". Set it to **TYPE** "URL". This field will contain any uploaded photographs from the mobile app. Click [Add Fields] button when done.



6. We'll now edit the existing field "Image" to properly display this new field. Find the "Image" field in the field list. Click on it to edit.

Set the formula value to "" and click [Save]. Next, click "Exit Settings".



7. The last step is to generate a User Token for this app. See the Quickbase documentation on creating a user token.

<https://helpv2.quickbase.com/hc/en-us/articles/4570374095124-Creating-and-using-user-tokens>

III. Installing and Configuring the OSHA App in ViziApps for Mobile Use

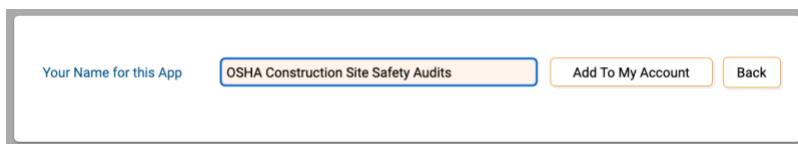
First, login to your ViziApps account by going to <https://viziapps.mobi>. If you don't already have an account, go to <https://viziapps.com> and click "Start A Free Trial".

Here are the steps to install and configure the app to work with your account:

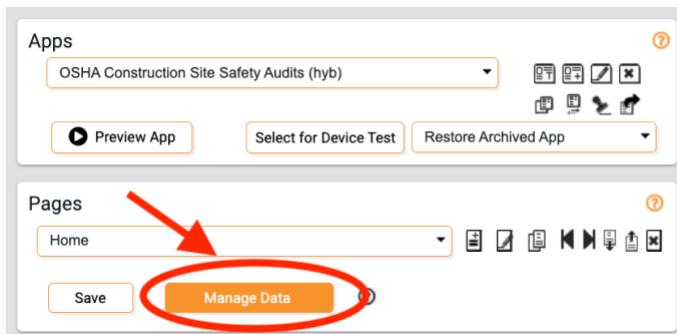
1. Click "Create a new app from Template" icon.



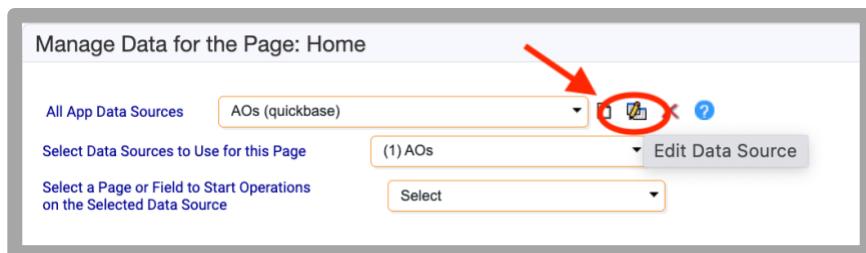
2. Select the "**OSHA Construction Site Safety Audits**" app from the list. Type in the name of the app and click **[Add to My Account]**.



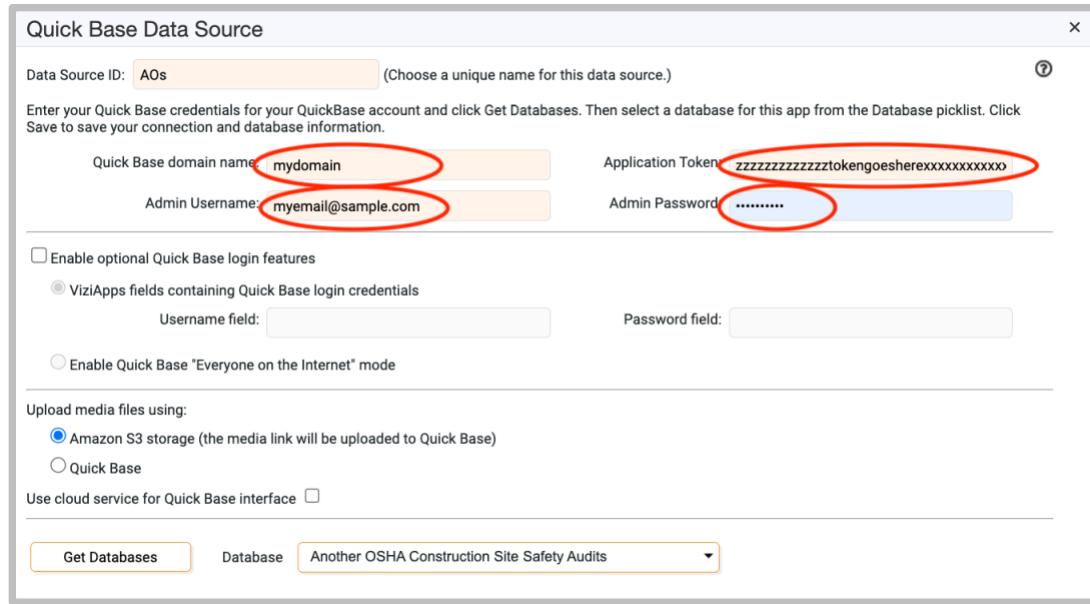
3. Click **[Manage Data]** to configure your Quickbase access.



4. Click the "Edit Data Source" Icon.



5. Enter your Quickbase domain, the User token you previously generated, Username and Password credentials in the fields at the top of the screen.



Quick Base Data Source

Data Source ID: A0s (Choose a unique name for this data source.)

Enter your Quick Base credentials for your QuickBase account and click Get Databases. Then select a database for this app from the Database picklist. Click Save to save your connection and database information.

Quick Base domain name: mydomain

Application Token: zzzzzzzzzzzzztokengoeshexxxxxxxxxx

Admin Username: myemail@example.com

Admin Password:

Enable optional Quick Base login features

ViziApps fields containing Quick Base login credentials

Username field:

Password field:

Enable Quick Base "Everyone on the Internet" mode

Upload media files using:

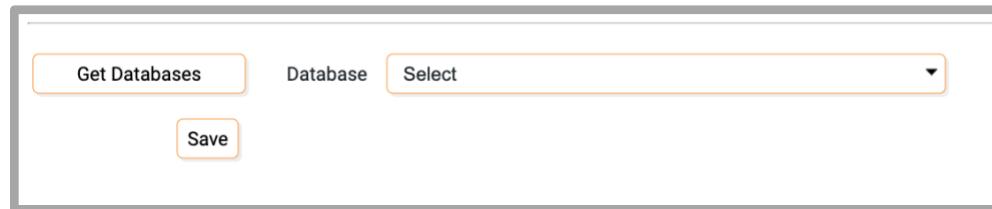
Amazon S3 storage (the media link will be uploaded to Quick Base)

Quick Base

Use cloud service for Quick Base interface

Get Databases Database Another OSHA Construction Site Safety Audits

6. Click **[Get Databases]**. This will authenticate your account and will generate a list of all databases that you have access to in your Quickbase domain. When you are successfully authenticated, you'll see the **[Save]** button appear, and all databases will be shown in the **Database** pull-down list.

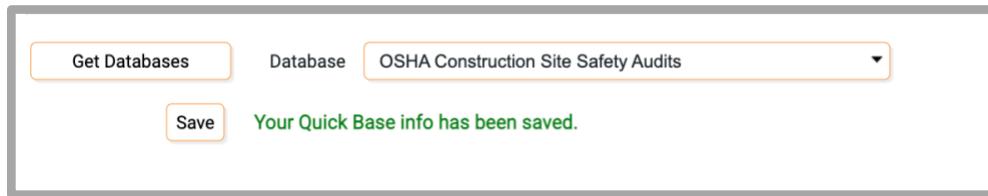


Get Databases

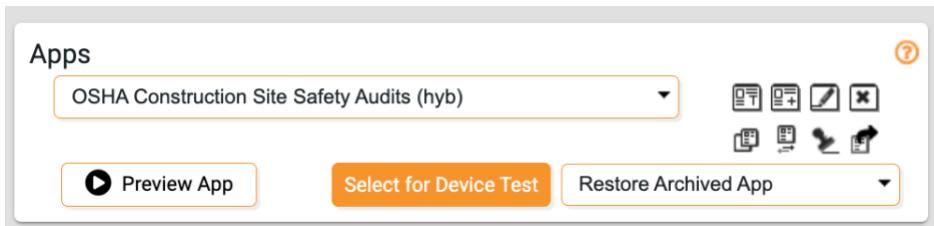
Database Select

Save

7. Select the “OSHA Construction Site Safety Audits” database, then click [Save]. After a few moments, you should see the message that your info has been saved.



8. Now click the “X” in the upper-right corner of the dialog box to close it. You’ll see another dialog box at this point, close that too.
9. You’re ready to go! To test on your device, click [**Select for Device Test**]. You can also run the app INSTANTLY on the desktop by clicking “Preview App” (but you won’t get the device specific features).



10. To run the app on a device go to the Apple App Store or Google Play and install the “ViziApps” app on your device to run the demo.

You may preview the app from the ViziApps Studio on your desktop, but many of the features such as bar-code scanning, photo upload, GPS, phone calls, signatures, etc., will not be available unless you use a device.

Appendix 1 – Sample Badge for Scanning During Login

