LedgerDocs

Built with React and React-Native

LedgerDocs is an IOS application that integrates with the LedgerDocs web application. The purpose of this application is to help Clients scan and upload their documents directly to LedgerDocs web application so that it is accessible to their bookkeepers. Clients and Bookkeepers can also use the application to check the activity log on the web application, filtered by company.

Application Flow

SplashScreen

This is the first screen that shows up as soon as the application is loaded.
This can be changed in the following directory-

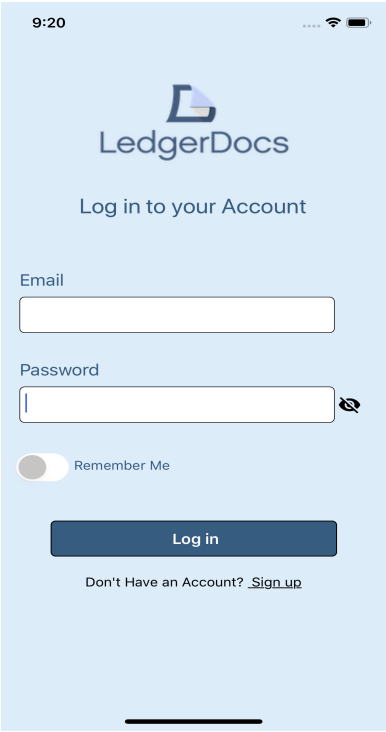
LedgerDocs/ios/LedgerDocs/Images.xcassets/SplashIcon.imageset

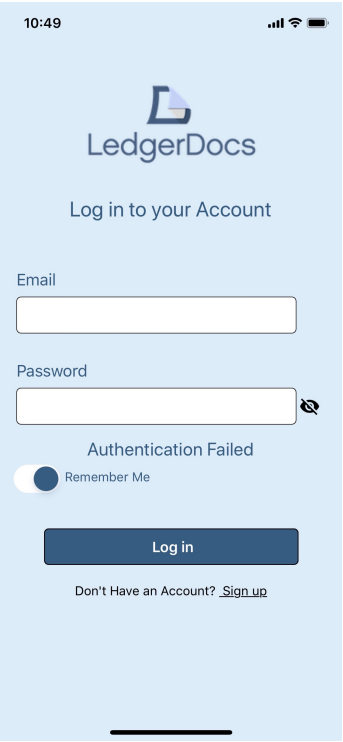
The new image will be required in 3 different sizes(Naming convention) - 200x411(icon), 400x822(icon@2x) and 600x1233(icon@3x).

Then the images need to be updated in the LaunchScreen.xib file in Xcode.

Instructions found here - https://www.youtube.com/watch?v=H0CC1UsvjDQ

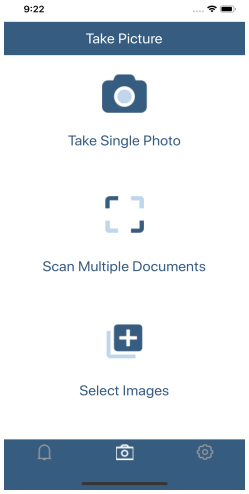
LoginScreen





The next screen that shows up is the LoginScreen.
Both fields of the LoginScreen are required and if any of them are missing or invalid, an error message shows up.
The Remember me Switch can be toggled by the user if they want their login information to be stored by the application.

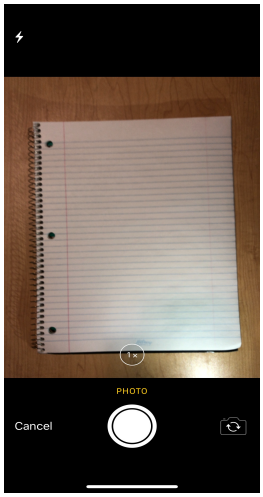
LinkScreen

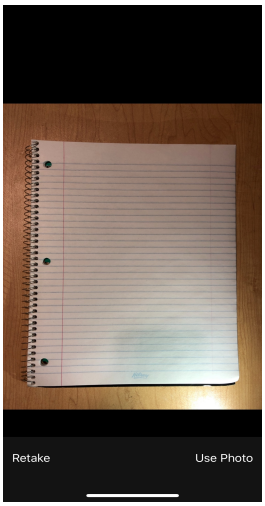


After Logging in, the first screen you are taken to is called the LinkScreen. You then have a navigation bar at the bottom. The white item in the bar represents the tab you are currently on.

The LinkScreen Then has 3 options-

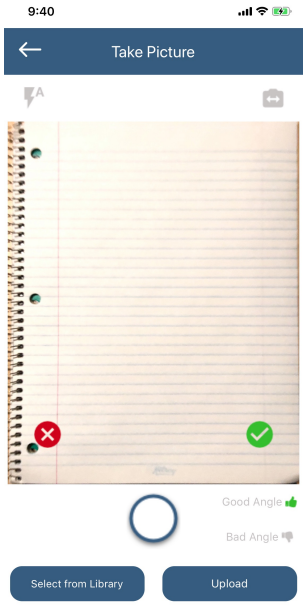
- The “Take Single Photo” option takes you to the native camera.



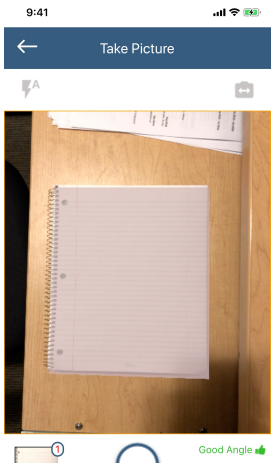


- The “Scan Multiple Documents” option takes you to the inbuilt camera that has edge detection features to automatically recognize documents and take a picture and crop the document.

Step 1:
The Camera automatically recognizes the document and takes a picture. If needed, you can take the picture manually using the camera button(circle at the center). There is an indicator at the bottom right of the screen to help align the camera with the document so as the get the most accurate scan of the document.
There is an option at the bottom right of the screen("Import from Library") to select pictures from the photos Library as well.

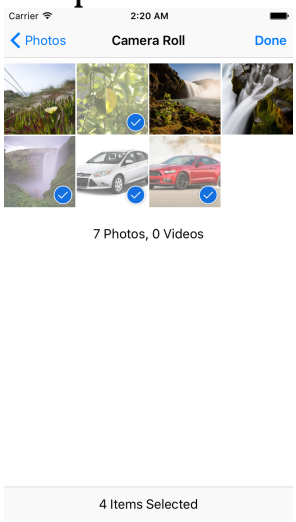


Step 2:
Once the image is taken, there is an option to review the image taken.



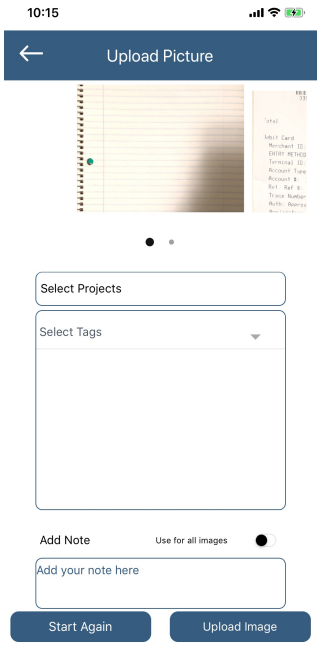
Step 3:
The Bottom left of the screen show a small preview of the image taken. When there are multiple images it is possible to swipe through them.

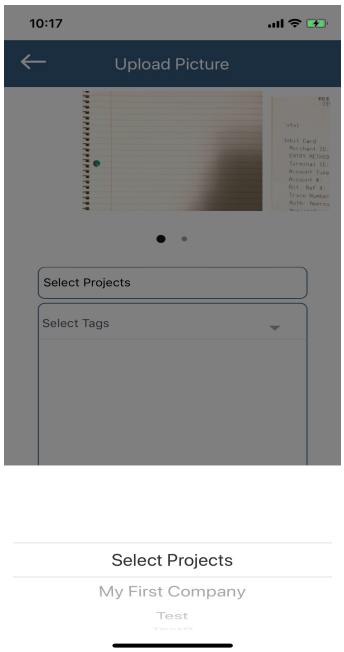
- The “Select Images” option takes you to the Photo library on the phone from where you can select multiple images

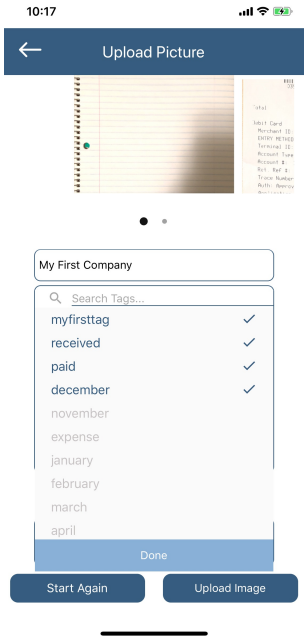


UploadScreen

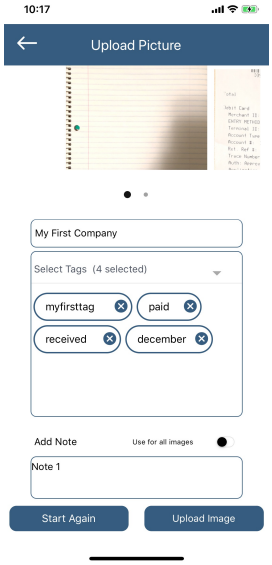
After images are selected or captured, the next screen is the upload screen where the company, tags and notes are added for the images selected.

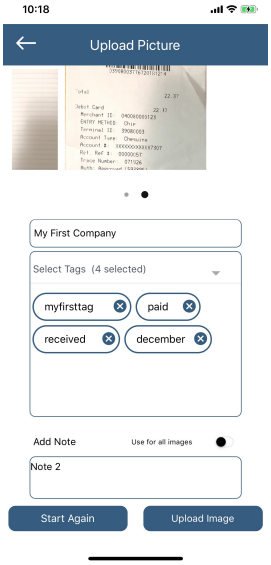






Notes can be added individually for each image





or one note can be used for all images by using the switch above the Notes box.

Dependencies

react-xml-parser
npm install react-xml-parser
https://github.com/matanshiloah/xml-parser#readme

React Native Document Scanner
$ npm install react-native-document-scanner --save
$ react-native link react-native-document-scanner
Edit the info.plist file in XCode and add the following permission : NSCameraUsageDescription

ImagePicker
yarn add react-native-image-picker
react-native link react-native-image-picker
You will also need to add UsageDescription on iOS and some permissions on Android, refer to the Install doc.
NSLocationAlwaysUsageDescription

react-native-multiple-select
npm install react-native-multiple-select --save

React Navigation
npm install --save react-navigation

react-native-ionicons
npm install react-native-ionicons
react-native link react-native-ionicons

IOSPicker
npm i react-native-ios-picker
react-native-vector-icons
npm install react-native-vector-icons --save

react-native link react-native-vector-icons

react-native-snap-carousel
$ npm install --save react-native-snap-carousel

react-native-splash-screen
npm i react-native-splash-screen --save
react-native link react-native-splash-screen
https://github.com/crazycodeboy/react-native-splash-screen

React Native Push Notifications
npm install --save react-native-push-notification
react-native link react-native-push-notification

Pubnub
npm install --save pubnub pubnub-react
react-native link

Credentials

ITunes Connect
Username- ledgerdpcs@gmail.com
Password- Ld@3041!

Publish Application

Folders Hierarchy

- On the Desktop of netcog, there is a folder named, “React Native App” that contains 3 versions of the application –
    - **LedgerDocs**- Original Release build. This build is used for publishing the application to apple.
    - **LedgerDocs Production** – A copy of the Original Release build that should always contain a working version. So this folder should only be updated with the copy of the latest working build. If ever the application breaks, revert to this code and start again.
    - **LedgerDocs Migration** – This folder contains the developer build(Testing) for the application. This is where new changes can be made and tested on simulators or a personal device.

How to open Application in Xcode?

Inorder to run the application, go to the ios folder and double click the Ledgerdocs.xworkspace file. This file then opens up in Xcode.

General Steps

- Delete localhost item from info.plist

  App transport security settings -> Exception domains

- In Xcode

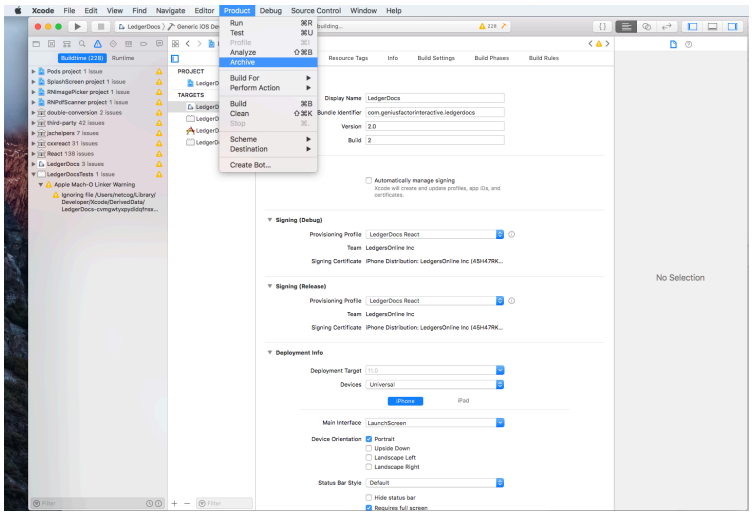
  Products->Scheme->Edit scheme -> Change build configuration to “Release”
- In AppDelegate.m
  Replace

  ```
  jsCodeLocation = [[RCTBundleURLProvider sharedSettings]
  jsBundleURLForBundleRoot:@"index" fallbackResource:nil];
  ```
  with
  ```
  jsCodeLocation = [[NSBundle mainBundle]
  URLForResource:@"main" withExtension:@"jsbundle"];
  ```
- Change device -> Generic iOS device
- Product -> Clean

Xcode :

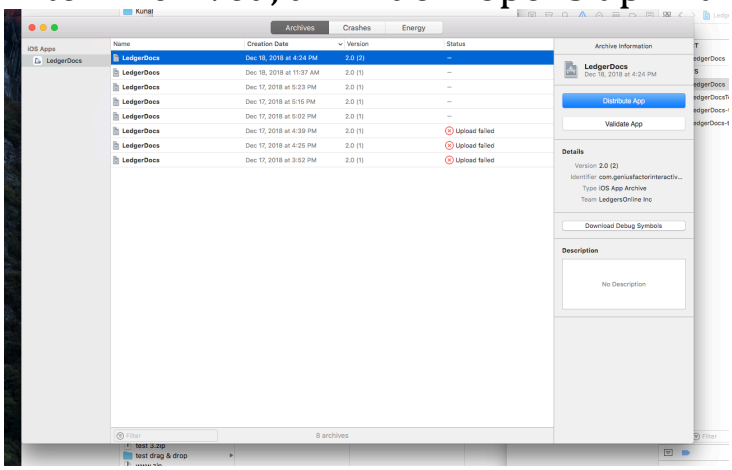
Step 1:

Clean Build and then Product -> Archive



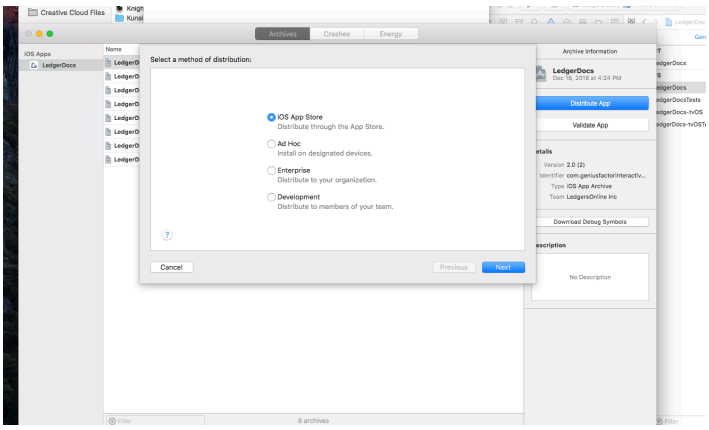
Step 2:

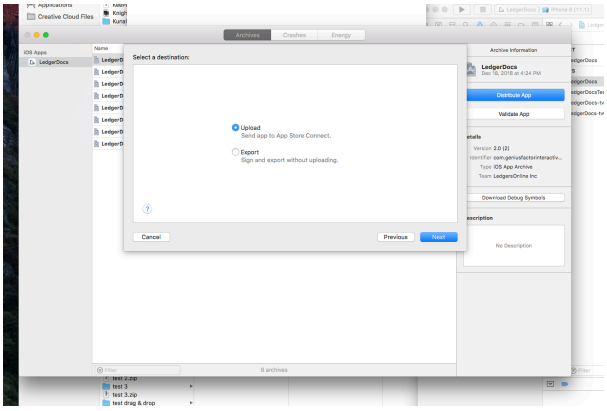
After Archived, a window opens up with all archives made.

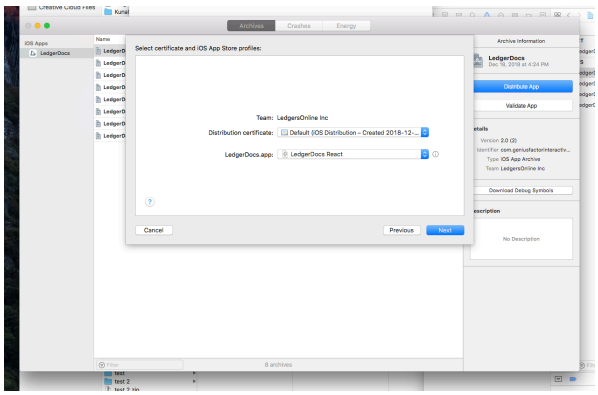


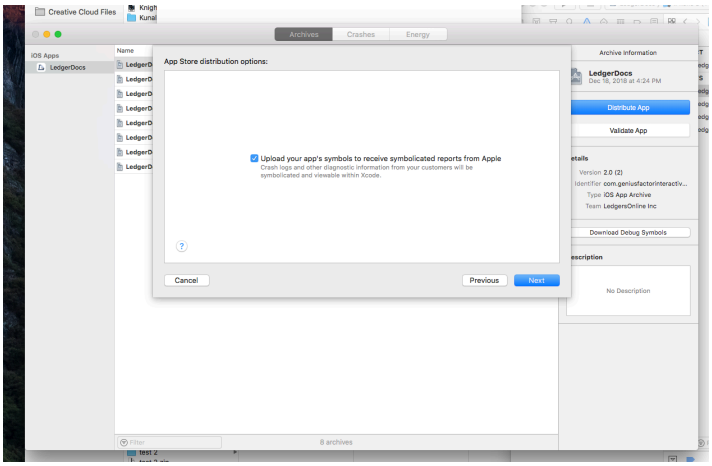
Step 3:

Follow the next few options as shown below




Archives
Crashes
Energy
Select a destination:
Upload
Send app to App Store Connect.
Export
Sign and export without uploading.
Cancel
Previous
Next
Archive Information
LedgerDocs
Dec 18, 2018 at 4:24 PM
Distribute App
Validate App
Download Debug Symbols
No Description
8 archives


Archives
Crashes
Energy
Select certificate and iOS App Store profiles:
Team: LedgersOnline Inc
Distribution certificate:
Default (iOS Distribution – Created 2018-12-...
LedgerDocs.app:
LedgerDocs React
Cancel
Previous
Next
Archive Information
LedgerDocs
Dec 18, 2018 at 4:24 PM
Distribute App
Validate App
Download Debug Symbols
No Description
8 archives


Creative Cloud Files
Archives
Crashes
Energy
App Store distribution options:
Upload your app's symbols to receive symbolicated reports from Apple
Crash logs and other diagnostic information from your customers will be symbolicated and viewable within Xcode.
Cancel
Previous
Next
Archive Information
LedgerDocs
Dec 18, 2018 at 4:24 PM
Distribute App
Validate App
Version 2.0 (2)
Type iOS App Archive
Team LedgersOnline Inc
Download Debug Symbols
No Description
8 archives