

# Mobile App Distribution Transaction Log

| Date    | Seq | App Name              | Approved | Type    | Version       | Description   |
|---------|-----|-----------------------|----------|---------|---------------|---|
| 2/22/19 | 1   | P@H                   | Yes      | iOS     | 1.0(6)        | <p>Uploaded</p> <p>sign command:</p> <pre>bundle exec fastlane sigh resign ../P@H-6. ipa -e ../ /PrepAtHome_entitlements3.plist -- signing_identity iPhone Distribution: Emory University (XXXXXXXXXX) -p ../ /Prep_At_Home-2. mobileprovision</pre>  |
| 2/22/19 | 1   | Pollen Nation         | Yes      | iOS     | 1.0.36/2.0.37 | Resubmit after fixing apple review issues.  |
| 2/21/19 | 1   | Pollen Nation         | Yes      | iOS     | 1.0.36/2.0.36 | Both APK (2.0.36) and IPA (1.0.36) have been submitted to the app stores for publishing.  |
| 2/21/19 | 1   | Pollen Nation         | Yes      | Android | 2.0.36        | Both APK (2.0.36) and IPA (1.0.36) have been submitted to the app stores for publishing.  |
| 2/14/19 | 1   | P@H                   | Yes      | Android | 1.0.0         | Published.  |
| 2/8/19  | 1   | Emory Health Magazine |          | iOS     | 5.0.8         | <p>Removed from sale at request of:</p> <p>On Feb 8, 2019, at 3: 51 PM, Westmaas, Peta &lt;<a href="mailto:pwestma@emory.edu">pwestma@emory.edu</a>&gt; wrote:</p> <hr/> <p><i>H<br/>i<br/>S<br/>te<br/>p<br/>h<br/>e<br/>n,<br/>w<br/>e<br/>a<br/>r<br/>e<br/>tr<br/>yi<br/>n<br/>g<br/>to<br/>di<br/>s<br/>c<br/>o<br/>nt<br/>in<br/>u<br/>e<br/>th<br/>e<br/>s<br/>e<br/>rv<br/>ic<br/>e<br/>th<br/>at<br/>w<br/>e<br/>u<br/>s<br/>e<br/>d<br/>to<br/>cr<br/>e</i></p> |

*at  
e  
E  
m  
o  
ry  
H  
e  
al  
th  
M  
a  
g  
a  
z  
i  
n  
e  
s  
i  
P  
a  
d  
a  
p  
p  
s  
a  
n  
d  
th  
e  
y  
a  
r  
e  
s  
e  
n  
di  
n  
g  
u  
s  
to  
th  
e  
A  
p  
pl  
e  
a  
p  
p  
st  
o  
r  
e  
to  
r  
e  
m  
o  
v  
e  
th  
e  
a  
p  
p.  
N  
o  
n  
e  
of  
o  
u  
r  
a  
p  
pl  
e  
p  
a  
s  
s  
w  
o  
r  
d  
s  
g  
i  
v  
e  
u*

*s  
a  
c  
c  
e  
s  
s.  
J  
o  
h  
n  
r  
e  
m  
i  
d  
e  
d  
m  
e  
th  
at  
y  
o  
u  
h  
a  
d  
r  
e  
q  
u  
e  
st  
e  
d  
th  
at  
th  
e  
a  
p  
p  
s  
b  
e  
c  
o  
nf  
ig  
u  
r  
e  
d  
u  
n  
d  
e  
r  
th  
e  
u  
ni  
v  
e  
rs  
it  
y  
a  
c  
c  
o  
u  
nt  
s  
o  
m  
e  
h  
o  
w  
. C  
a  
n  
y  
o  
u  
pl  
e  
a  
s  
e  
c*

*h  
e  
c  
k  
t  
o  
s  
e  
e  
i  
f  
y  
o  
u  
a  
r  
e  
a  
b  
l  
e  
t  
o  
l  
o  
g  
o  
n  
a  
n  
d  
m  
a  
k  
e  
t  
h  
i  
s  
c  
h  
a  
n  
g  
e  
t  
o  
r  
u  
s  
?  
T  
h  
e  
d  
i  
r  
e  
c  
t  
i  
o  
n  
s  
a  
r  
e  
b  
e  
l  
o  
w  
.  
T  
h  
a  
n  
k  
s  
s  
o  
m  
u  
c  
h  
!!*

*P  
eta*

|         |   |               |     |         |                        |                                  |
|---------|---|---------------|-----|---------|------------------------|----------------------------------|
| 2/7/19  | 1 | Emory Mobile  |     | iOS     | 4.3(Store)<br>4.2 (27) | Submitted for review.            |
| 2/5/19  | 1 | Emory Mobile  |     | iOS     |                        | Rejected. Invalid swift support. |
| 2/5/19  | 1 | Emory Mobile  |     | Android | 4.3 APK 24             | Published                        |
| 1/19/19 | 1 | Pollen-Nation | Yes | iOS     | 1.0.35                 | Ready for sale                   |

|         |   |               |     |         |        |  |
|---------|---|---------------|-----|---------|--------|--|
| 1/18/19 | 1 | Pollen-Nation | Yes | iOS     | 1.0.35 | Submitted minor change for bug fix due to bundle ID change.  |
| 1/17/19 | 2 | Pollen-Nation | Yes | iOS     | 1.0.34 | Ready for sale.  |
| 1/17/19 | 1 | Pollen-Nation | Yes | Android |        | Changed the store description per owner request.   |
| 1/17/19 | 1 | Pollen-Nation | Yes | iOS     |        | Submitted new IPA to play store and waiting from review. Changed the store description per owner request. Send pointer to APN Key to developer,  |
| 1/15/19 | 1 | Pollen-Nation | Yes | iOS     |        | Submitted and rejected by apple play store. Waiting for developer fixes.   |
| 1/15/19 | 1 | Pollen-Nation | Yes | Android |        | Submitted and approved to google play  |
| 1/7/19  | 1 | eP and P@H    | No  | iOS     |        | Josh was able to put these into the catalog after I signed them with the correct entitlements.   |
| 1/5/19  | 1 | UrApp         | Yes | iOS     |        | Ready for sale   |
| 1/4/19  | 1 | P@H           | No  | iOS     |        | <p>Successfully resigned the client's IPA using a combination of iResign and fastlane:</p> <ol style="list-style-type: none"> <li>1. Use iResign to create the entitlements.plist</li> <li>2. Open the resigned IPA and extract the entitlements.plist and rename to PrepAtHome_entitlements.plist</li> <li>3. Run fastlane and point to the PrepAtHome_entitlements file</li> </ol> <pre>fastlane sigh resign ../../ /ePrepHome_PROD. ipa -e ../../ /PrepAtHome_entitlements.plist -- signing_identity "iPhone Distribution: Emory University" -p .. ../Prep_At_Home. mobileprovision</pre> |

|          |   |              |     |         |  |
|----------|---|--------------|-----|---------|--|
| 1/4/19   | 1 | eP           | No  | iOS     | <p>Successfully resigned the client's IPA using a combination of iResign and fastlane:</p> <ol style="list-style-type: none"> <li>1. Use iResign to create the entitlements.plist</li> <li>2. Open the resigned IPA and extract the entitlements.plist and rename to eP_entitlements.plist</li> <li>3. Run fastlane and point to the eP_entitlements file</li> </ol> <pre>fastlane sigh resign ../.. /eP_PROD.ipa -e ../.. /eP_entitlements. plist -- signing_identity "iPhone Distribution: Emory University" -p .. ../eP. mobileprovision</pre> <p>Apparently this wouldn't be necessary if the --use_app_entitlements flag in fastlane wasn't broken. Remember that fastlane is necessary because iResign won't sign the embedded frameworks</p> <p>See <a href="https://coderwall.com/p/dgdgeq/how-to-re-sign-ios-builds">https://coderwall.com/p/dgdgeq/how-to-re-sign-ios-builds</a> for a great tutorial on how to resign code.</p> |
| 1/4/19   | 1 | UrApp        | Yes | iOS     | Submit to App Store as version 1.0   |
| 1/2/19   | 1 | EHAS         | Yes | iOS     | Minor update is published. Remember to do "pod update" before you build the project. Check for the app icon.   |
| 12/14/18 | 1 | UrApp        | Yes | iOS     | App Store accepts IPA but rejects review because of lack of a privacy policy URL.  |
| 12/11/18 | 1 | UrApp        | Yes | iOS     | App Store rejected IPA because swift support not included.   |
| 12/23/18 | 1 | Emory Mobile | Yes | Android | Play store submission.   |
| 10/30/18 | 1 | Emory Mobile | Yes | iOS     | Published version 4.15 (15)  |

|          |   |                              |     |         |  |  |
|----------|---|------------------------------|-----|---------|--|--|
| 10/24/18 | 1 | Emory Mobile                 | Yes | Android |  | <p>Tried to upload and release new version.</p> <p>I got this error from the play store when it went to review:</p> <p>Fully shadowed APK</p> <p>Problem:</p> <p>This APK will not be served to any users because it is completely shadowed by one or more APKs with higher version codes.</p> <p>Resolution:</p> <p>Remove this APK from your release or review the targeting and version codes of the APKs that you are including in this release.</p> <p>I think the problem is that the version code is 2 where as the last version code was 14 and the solution would be (for Robin) to change it to 15 or greater.</p> |
| 10/8/18  | 1 | Surgical Anatomy of the Lung | Yes | Android |  | Removed 7 days prior. Published privacy policy URL.  |
| 10/8/18  | 1 | ReadyVax                     | Yes | Android |  | Removed 1 days prior. Mike retooled and rebuilt so that it doesn't collect the advertising ID and privacy policy URL not needed.   |
| 9/7/18   | 1 | Awake                        | Yes | iOS     |  | 2.0 approved   |
| 9/5/18   | 1 | Awake                        | Yes | Android |  | Added alerts and fixed bugs so no review needed  |
| 9/6/18   | 1 | Awake                        | Yes | iOS     |  | added screenshots and resubmitted. waiting for review.   |
| 9/5/18   | 1 | Awake                        | Yes | iOS     |  | removed file and resubmitted. need iPad screenshots  |
| 9/4/18   | 1 | Awake                        | Yes | iOS     |  | IPA contains file that app store doesn't like  |
| 8/22/18  | 1 | EHAS                         | Yes | iOS     |  | Whitney notices that <b>3.0.22</b> is really <b>3.0.21</b> (see 8/20/18-2). She creates a new Xcode project for version <b>3.0.23</b> and I build and upload and submit and it gets approved.  |

|         |   |      |     |     |  |  |
|---------|---|------|-----|-----|--|--|
| 8/20/18 | 4 | EHAS | Yes | iOS |  | <p>App Store rejected build 3 because icon contained an alpha channel. I removed the channel, changed the build to 4 and rearchived and resubmitted. I think this all happened last time in version 3.0.16 because there are 4 builds there.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;"><b>ICON w/o Alpha</b></p> <p style="text-align: center;">Make sure to use the app icon WITHOUT the alpha channel</p> </div> |
| 8/20/18 | 3 | EHAS | Yes | iOS |  | <p>App Store noted that 1024 app icon was missing and the app could not be submitted for review. I pulled the icon from the EHAS template and added it to the assets, then changed the build to 3 and rearchived and resubmitted.</p>  |
| 8/20/18 | 2 | EHAS | Yes | iOS |  | <p>Changed version to the one from 3.0.21 the box note 3.0.22, archived project from Xcode and submitted to App Store. Rejected redundant build. Changed build number from 1 to 2, rearchived and resubmitted.</p>   |
| 8/20/18 | 1 | EHAS | Yes | iOS |  | <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;"><b>Fastlane Resigning Instructions</b></p> </div>  |



Resigned ipa with Fastlane (for the first time instead of build project). To use Fastlane you first have to install it, then create a dummy Xcode project, then command line into the project folder where the xcodeproject iOS and do 'fastlane init'. Then you can resign ANY ipa from there:

```
fastlane  
sigh  
resign ../..  
/eas\  
Debug\  
(Prod).  
ipa --  
signing_id  
entity  
"iPhone  
Distributio  
n: Emory  
University  
(9XX9XX  
XX9)" -p ..  
../  
/Healthy_  
Aging_Dis  
tribution.  
mobilepro  
vision
```

Then you can use altool to upload it to the App Stores.

```
/Applicatio  
ns/Xcode.  
app  
/Contents  
/Applicatio  
ns  
/Applicatio  
n\ Loader.  
app  
/Contents  
/Framewo  
rks  
/ITunesSo  
ftwareSer  
vice.  
framework  
/Support  
/altool -u  
user -p  
password  
--upload-  
app -f ../..  
/eas\  
Debug\  
(Prod).ipa
```

App Store rejected but it has nothing to do with code signing.

Dear Developer,

We identified one or more issues with a recent delivery for your app, "Emory Healthy Aging". Please correct the following issues, then upload again.

**Invalid Swift Support**  
- The SwiftSupport folder is missing. Rebuild your app using the current public (GM) version of Xcode and resubmit it.

Though you are not required to fix the following issues, we wanted to make you aware of them:

**Missing App Store Icon** - iOS Apps must include a 1024x1024px App Store Icon in PNG format. Without providing the icon in the Asset Catalog or via App Store Connect, apps cannot be submitted for App Review or Beta App Review. Refer to <https://developer.apple.com/ios/human-interface-guidelines/icons-and-images/app-icon/> for more information.

Best regards,

The App Store Team

|         |   |      |     |         |   |
|---------|---|------|-----|---------|---|
| 8/19/18 | 3 | EHAS | Yes | Android | 2.3.0.0 submitted and accepted.   |
| 8/19/18 | 2 | EHAS | Yes | Android | Waiting for Josh to put 2.3.0.0 into the catalog for signature. 1:09pm                  |
| 8/9/18  | 1 | EHAS | Yes | Android | Submitted new version 2.2.03 Issue<br><br>You should be good to go with new APK in Box. |

*O  
n  
A  
u  
g  
1  
0,  
2  
0  
1  
8,  
at  
1  
1:  
0  
1  
A  
M  
,  
C  
e  
n  
t  
r  
e  
n  
k  
a,  
T  
h  
o  
m  
a  
s  
<  
h  
o  
m  
a  
s.  
c  
e  
n  
t  
r  
e  
n  
k  
a  
@emory.edu  
>  
w  
r  
ot  
e:*

*G  
l  
i  
c  
h.  
U  
s  
u  
a  
l  
l  
y  
I  
d  
e  
l  
e  
t  
e  
t  
h  
e  
p  
r  
e  
v  
i  
o  
u  
s  
r  
e  
l  
e  
a  
s  
e  
b  
u  
t  
t  
h  
i  
s  
t  
i  
m  
e  
i  
f  
I  
d  
o  
i  
t  
w  
i  
l  
l  
r  
e  
s  
u  
l  
t  
i  
n  
f  
e  
w  
e  
r  
d  
e  
v  
i  
c  
e  
s  
t  
h  
a  
t  
c  
a  
n  
i  
n  
s  
t  
a  
l  
l  
t  
h  
e  
a  
p  
p.*

*1  
m  
e  
s  
s  
a  
g  
e  
f  
o  
r  
A  
P  
K  
2  
1  
0  
00  
!*

*D  
e  
v  
i  
c  
e  
s  
u  
p  
p  
o  
r  
t  
r  
e  
m  
o  
v  
e  
d*

*Warning:*

*D  
e  
a  
c  
t  
i  
v  
a  
t  
i  
o  
n  
o  
f  
t  
h  
i  
s  
A  
P  
K  
w  
i  
l  
l  
r  
e  
s  
u  
l  
t  
i  
n  
y  
o  
u  
r  
a  
p  
p  
b  
e  
i  
n  
g  
a  
v  
a  
i  
l  
a  
b  
l  
e  
f  
o  
r  
n  
e  
w  
i  
n  
s  
t  
a  
l  
l  
o  
n  
f  
e  
w  
e  
r  
t  
y  
p  
e  
s  
o  
f  
d  
e  
v  
i  
c  
e  
s.*

*T  
i  
p:*

*If this is a uninitiated change, then retain this APK in the new version or ensure that your new APK supports all currently supported devices.*

*L  
e  
t  
m  
e  
k  
n  
o  
w  
w  
h  
at  
y  
o  
u  
w  
a  
nt  
m  
e  
to  
d  
o,  
d  
e  
l  
e  
t  
e  
o  
r  
r  
e  
ct  
it  
.*

|        |   |                               |     |         |  |   |
|--------|---|-------------------------------|-----|---------|--|---|
|        |   |                               |     |         |  |   |
| 8/9/18 | 1 | Awake                         | Yes | Android |  | <p>Removed from store because I needed to answer this question:</p> <p>Primarily Child-Directed</p> <p>Is your app primarily directed towards children under the age of 13 as defined by CO PPA ?<br/>YesNo</p> <p>If your app is primarily directed towards children, you must opt in to the Designed for Families program below.</p> <p>Resubmitted</p> |
| 8/9/18 | 1 | Surgical Anatomy of the Liver | Yes | Android |  | <p>Removed from store because I needed to answer this question:</p> <p>Primarily Child-Directed</p> <p>Is your app primarily directed towards children under the age of 13 as defined by CO PPA ?<br/>YesNo</p> <p>If your app is primarily directed towards children, you must opt in to the Designed for Families program below.</p> <p>Resubmitted</p> |
| 8/7/17 | 1 | New Emory Student             | No  | iOS     |  | Transferred back to guidebook.  |
| 8/7/18 | 1 | ReliefLink                    | Yes | iOS     |  | 2.0 Ready for sale  |

|         |   |  |     |         |  |   |
|---------|---|--|-----|---------|--|---|
| 8/6/18  | 1 | ReliefLink                             | Yes | iOS     |  | Received new iPads and screenshots and answer to the version question. Changed build to 1001 and resigned. Uploaded, submitted and waiting for review.  |
| 8/1/18  | 1 | ReliefLink                             | Yes | iOS     |  | Hi Lu,<br><br>I've got an error from Apple after I uploaded the latest ipa:<br><br><b>Missing Info.plist key</b><br>- This app attempts to access privacy-sensitive data without a usage description. The app's Info.plist must contain an NSPhotoLibraryUsageDescription key with a string value explaining to the user how the app uses this data.<br><br>Also, the in the <a href="#">App Store Template</a> , the version number is 1.2.1. Did you mean for it to be 2.0? |
| 7/20/18 | 1 | iChoose Kidney                         | Yes | iOS     |  | Submitted new change 4.1 to fix some issues found with the coefficients as per Mohua  |
| 7/18/18 | 2 | Codes                                  | Yes | Android |  | Tested fix from Catalog   |
| 7/18/18 | 1 | Awake                                  | Yes | iOS     |  | Generated new APN Key for Heath   |
| 7/18/18 | 1 | New Emory Student                      | No  | iOS     |  | Gave TEAM ID to Hannah et. al. to transfer app from guidebook to emory.   |
| 7/18/18 | 1 | Codes                                  | Yes | Android |  | Send APK with Oreo fix to Josh to put in catalog.   |
| 7/17/18 | 1 | SMART                                  | Yes |         |  | Waiting for submission forms  |
| 7/13/18 | 1 | Surgical Anatomy of the Lung           | Yes | iOS     |  | Ready for sale  |
| 7/10/18 | 1 | Surgical Anatomy of the Lung           | Yes | iOS     |  | Rejected again because of screenshots.Waiting for client to fix screenshots to resubmit.  |
| 7/10/18 | 1 | ReliefLink                             | ?   | iOS     |  | Upload errors in 2.0 and App Store page needs updating from client  |
| 7/9/18  | 1 | Surgical Anatomy of the Lung           | Yes | iOS     |  | Deleted the screenshots and resubmitted.  |
| 7/8/18  | 1 | iChoose Kidney                         | Yes | iOS     |  | Approved and in App Store   |
| 7/6/18  | 1 | iChoose Kidney                         | Yes | iOS     |  | Submitted for review to App Store   |
| 7/3/18  | 1 | The Brain at Work Experiment aka EEfRT | Yes | iOS     |  | Submitted for review (iOS) and accepted.  |
| 6/22/18 | 1 | Surgical Anatomy of the Lung           | Yes | Android |  | Client tested and released to production  |
| 6/21/18 | 1 | Surgical Anatomy of the Lung           | Yes | iOS     |  | Rejected because of ratings and screenshots. I fixed rating problem and am waiting for client to fix screenshots or go to resolution center arbitration.  |



|         |   |                              |     |         |  |  |
|---------|---|------------------------------|-----|---------|--|--|
| 6/20/18 | 1 | Surgical Anatomy of the Lung | Yes | Android |  | Started trying to upload the apk. It its too large so the developer converted to APK Expansion Files now trying to get that working  |
| 6/20/18 | 1 | Surgical Anatomy of the Lung | Yes | iOS     |  | 1.0 created and submitted to App Store for review.   |
| 6/19/18 | 1 | The Brain at Work Experiment | Yes | iOS     |  | version 1.0 build 3 waiting for client testing   |
| 6/19/18 | 1 | Emory Mobile                 | NA  | iOS     |  | Created new signing credentials using oit-arch account. These do not expire until 2019   |
| 6/15/18 | 1 | Awake                        | Yes | iOS     |  | Distributed APN auth key to developer, Heath Hopkins   |
| 6/13/18 | 2 | iChooseKidney                | Yes | iOS     |  | <p>Requested information for missing fields and new ipa with errors fixes.</p> <ol style="list-style-type: none"> <li>1. I need some text for "What's New in This Version" - Describe what's new in this version of your app, such as new features, improvements, and bug fixes</li> <li>2. Has the Large App Icon changed?</li> <li>3. Have the screenshots changed?</li> </ol> <p>I resigned the app and tried to upload it to the app store and there were many errors. You need to fix the errors and deliver a new IPA. Here are the errors:</p> <p>ERROR ITMS-90022: "Missing required icon file. The bundle does not contain an app icon for iPhone / iPod Touch of exactly '120x120' pixels, in .png format for iOS versions &gt;= 7.0."</p> <p>ERROR ITMS-90023: "Missing required icon file. The bundle does not contain an app icon for iPad of exactly '76x76' pixels, in .png format for iOS versions &gt;= 7.0."</p> |

ERROR ITMS-90023:  
"Missing required icon  
file. The bundle does  
not contain an app  
icon for iPad of exactly  
'152x152' pixels, in  
.png format for iOS  
versions >= 7.0."

ERROR ITMS-90474:  
"Invalid Bundle. iPad  
Multitasking support  
requires these  
orientations:  
'UIInterfaceOrientation  
Portrait,  
UIInterfaceOrientation  
PortraitUpsideDown,  
UIInterfaceOrientationL  
andscapeLeft,  
UIInterfaceOrientationL  
andscapeRight'.  
Found  
'UIInterfaceOrientation  
Portrait' in bundle 'edu.  
emory.ichoose'."

ERROR ITMS-90475:  
"Invalid Bundle. Your  
app supports  
Multitasking on iPad,  
so you must include  
the  
UILaunchStoryboardN  
ame key in your  
bundle, 'edu.emory.  
ichoose'. Learn more (  
[https://developer.apple.com/library/content/documentation/General/Reference/InfoPlistKeyReference/Articles/iPhoneOSKeys.html#//apple\\_ref/doc/uid/TP40009252-SW40](https://developer.apple.com/library/content/documentation/General/Reference/InfoPlistKeyReference/Articles/iPhoneOSKeys.html#//apple_ref/doc/uid/TP40009252-SW40))."

|         |   |                              |     |         |  |
|---------|---|------------------------------|-----|---------|--|
| 6/13/18 | 1 | iChooseKidney                | No  | iOS     | Receive App Store submission template                          |
| 6/7/18  | 1 | ReadyVax                     | Yes | iOS     | In production  |
| 6/5/18  | 1 | Awake                        | Yes | Android | Published to google play store after adding privacy policy URL |
| 5/17/18 | 1 | iChooseKidney                | No  | iOS     | Client to update the App Store submission template             |
| 5/17/18 | 1 | ReadyVax                     | Yes | iOS     | Client to test using TestFlight                                |
| 5/15/18 | 1 | The Brain at Work Experiment | Yes | iOS     | Waiting for client testing                                     |