Web

click on log in

① Welcome Page

click on join

Web

② Join page

click on app link

Corresponding app store

download and open app

Mobile web version of Welcome Page in UIWebView

App

③ Sign up page

user signs up

App

④ Verify email page

get more info

Web

⑤ Verification confirmation page

user taps link in email

user opens email

user closes app

resend email

user closes email

user reopens app

user logs in

doesn't give consent

App

⑧ App Dashboard/ Home page

gives consent

App

⑦ App Consent walkthrough

App

open walk-through

App

⑥ App Signed in page

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① **Welcome Page**
Purpose:
- Marketing
- Information about the study (why do it, who are the researchers, etc)
Main Action
- Join the Study
Other actions
- Log in (not available on mobile web?)
- Navigation to study information (not available on mobile web?)

② **Join page**
Purpose:
- Convey requirements through bulleted list
Main Action:
- Download mobile app (links to app for each platform for desktop site, detect user's OS and just display link to corresponding app on mobile web?)

③ **Sign up page**
Purpose:
- User to set up credentials
Main Action
- User to enter email and password
Other Actions
- Get more information
- login link for users that already have accounts

④ **Verify email page**
Purpose:
- Tells user they need to close the app, go to their email, and click on the link to verify their email
Main Action
- None
Other actions
- link to resend verification email

⑤ **Verification confirmation page**
Purpose:
- Lets the user know their email was verified
- Directs them to reopen the app
Main Action
- None
Can we directly open the app from a link in email and take them to a confirmation page inside the app, bypassing this page?

⑥ **Signed in page**
Purpose:
- confirms the user's email was verified (or not)
- explains the consent walkthrough
Main Action
- User opens consent walkthrough
Other Actions
- link to resend verification email
Does the user have to enter credentials again? Or can the app do a check on the credentials entered previously to detect if the email was verified and display an appropriate message? (your email has been verified -or- your email has not yet been verified -or- return them to sign up page if no credentials detected)

⑦ **Consent Walkthrough**
Purpose:
- User understands study
Main Action
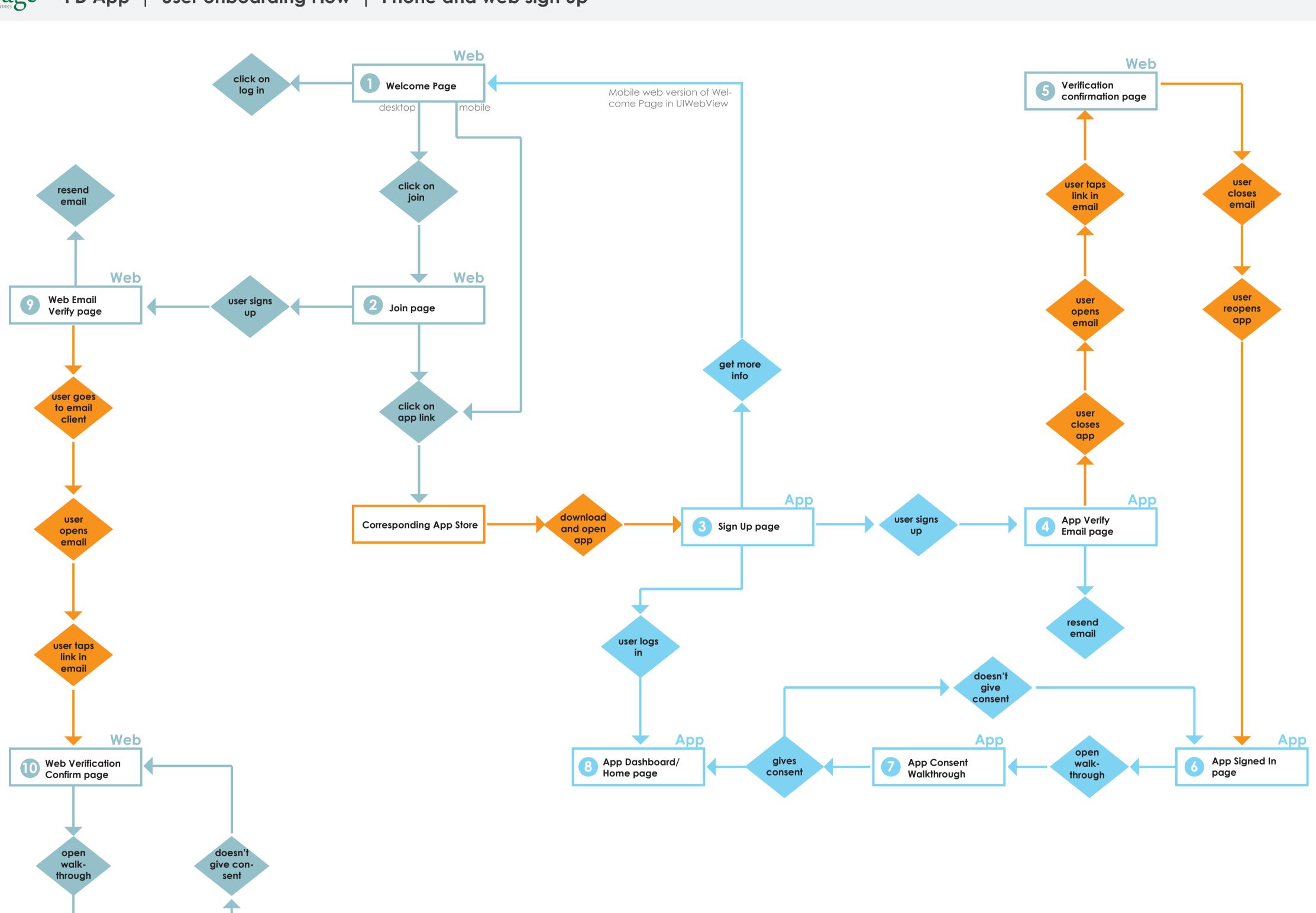- User performs 8 steps of consent walkthrough

⑧ **Dashboard / Home page**
- Somewhere here message to the users that they can now log in on the desktop website to view their data.
- Show first time user experience (FTUE) tips about the UI. Some FTUE screens will be contextual (ie show the user how to do the tap task as they are asked to do it)

Flowchart

Web — Welcome Page (1)

- click on log in
- desktop / mobile

Mobile web version of Welcome Page in UIWebView

Web — Verification confirmation page (5)

- user taps link in email
- user closes email
- user opens email
- user reopens app
- user closes app

Web — resend email

click on join

Web — Web Email Verify page (9) ← user signs up ← Join page (2)

- user goes to email client
- user opens email
- user taps link in email

get more info

click on app link

Corresponding App Store → download and open app → Sign Up page (3) → user signs up → App Verify Email page (4)

resend email

user logs in

Web — Web Verification Confirm page (10)

- open walk-through
- doesn't give consent
- gives consent

App — App Dashboard/Home page (8) ← gives consent ← App Consent Walkthrough (7) ← open walk-through ← App Signed In page (6)

doesn't give consent

Web — Web Consent Walkthrough page (11) → gives consent → **Web** — Web Dashboard / Home page (12)

Legend

1 Welcome Page
Purpose:
- Marketing
- Information about the study (why do it, who are the researchers, etc)
Main Action:
- Join the Study
Other actions:
- Log in (on mobile web direct them to app after they've logged in?)
- Navigation to study information

2 Join page
Purpose:
- Convey requirements through bulleted list
- Allows user to set up credentials
Main Action:
- User to enter email and password (and any other credentials required)
Other Actions
- login link for users that already have accounts
- Download mobile app (links to app for each platform for desktop site, detect user's OS and just display link to corresponding app on mobile web?)

3 Sign up page (app only)
Purpose:
- Allows user to set up credentials (if they didn't on the website)
Main Action:
- User to enter email and password
Other Actions
- Get more information
- login link for users that already have accounts

4 App Verify email page
Purpose:
- Tells user they need to close the app, go to their email, and click on the link to verify their email
Main Action
- None
Other actions
- link to resend verification email

5 Verification confirmation page
Purpose:
- Lets the user know their email was verified
- Directs them to reopen the app
Main Action
- None
Can we directly open the app from a link in email and take them to a confirmation page inside the app, bypassing this page?

6 App Signed in page
Purpose:
- confirms the user's email was verified (on first visit)
- explains the consent walkthrough
Main Action
- User opens consent walkthrough
Other Actions
- link to resend verification email
Does the user have to enter credentials again? Or can the app do a check on the credentials entered previously to detect if the email was verified and display an appropriate message? (your email has been verified -or- your email has not yet been verified -or- return them to sign up page if no credentials detected)

7 App Consent Walkthrough
Purpose:
- User understands study
Main Action
- User performs 8 steps of consent walkthrough

8 App Dashboard / Home page
- Is messaging about the desktop website necessary if the user could explore more there to begin with?
- Show first time user experience (FTUE) tips about the UI.

9 Web Verify email page
Purpose:
- Tells user they need to go to their email, and click on the link to verify their email
Main Action
- None
Other actions
- link to resend verification email
- log in

10 Web verification confirmed page
Purpose:
- confirms the user's email was verified
- explains the consent walkthrough
Main Action
- User opens consent walkthrough

11 Web consent walkthrough
Purpose:
- User understands study
Main Action
- User performs steps of consent walkthrough

12 Web Dashboard / Home page
- Clear messaging that the user needs to dowload the mobile app
- Show first time user experience (FTUE) tips about the UI.