

Preliminary Instructional and Other Content Design Plan

Instructional Content

This app will be very similar to other map-based apps (e.g. google maps); therefore, the app should feel familiar and intuitive to use with minimal instructional content. We will not create a stand-alone user guide. Instead, the app will walk first-time users through different functions of the app with a tutorial. This tutorial will teach users:

- How to record a berry harvest on the map and any other map interactions
- The meaning of different icons in the app
- How to access information about berries and the fruit fly larvae

Other Content

There will be information about different types of berries, the *Drosophila suzukii* fruit fly larvae, and an “about us” page about the scientists. These will all be on individual pages in the app.

There will be up to three forms asking the foragers questions focused on their harvesting of the berry, demographic information of the foragers, and how the foragers are using the berries. Only some of the questions on these forms are required fields, with many of them being optional. These forms are currently loosely designed on placement and conglomeration and will be solidified further with continuing meetings with our scientists.

Users will be able to log their forages onto a google-maps-like UI. The map will show the location of a berry patch logged. Users can set their patches as public or private. When patches are public other users may see these locations. When patches are private only the current user can see these locations. Selecting a location will allow a user to see the types of berries available there, possible user-submitted photos, etc. This is a key feature of the application.