

Design Change Document 1

Changes to Initial Public Homescreen:

Added image to home screen of corals.

Sign in screen updated. "Sign In", "Create Profile", and "Record Spawning" prominently located in center of app. User must sign in to app or create a profile before recording spawning event. This improves usability by making the user choice easy to understand and navigate.

Changes to Create Profile page:

Added password field. Starred sections that must be filled out. Only one button - create. This improves usability and stores user information necessary to log in correctly. One button makes user experience easier.

Changes *created* Edit Profile page:

Change password added. Simpler button layout - only one button - save. This improves usability by making it easier to identify what must be done in order to update profile.

Changes *created* Sign-in page:

Created a sign in page where user enters email and password and then can login. Single button for logging in. This improves usability by making a standalone page for signing in - better usability. Necessary to have this page in order for user to log in.

Changes to personal home screen:

User logs in and sees this page. Allows user to edit profile. Uses image of corals. Provides a cleaner button to view previous spawn reports and user may record spawning from this page. Buttons more centrally located and easier to navigate. No longer able to download and upload records and can no longer see offline saves. Past reports button now featured prominently. Buttons centered on screen - better design layout.

Changes to New Survey page:

Dropdown menus: # of colonies spawning, Coral Type, Sea state
Layout changed to increase usability. Selections spaced out on each page for better design layout.

Changes to Gallery page:

Added drop down menu to sort photographs by types. This allows user to navigate photos more easily by grouping in preferred category.

Overall changes to app:

Home screen layout featured on every page. Each page has "Home", "Photo Gallery", "Map", and "Help" on bottom so you can more easily navigate the app.