

## ## APP PURPOSE/USE CASE

Lucky Day is a tablet app meant to help create friendships between seniors. This app was built around combating senior loneliness and isolation. It is meant to be an easy-to-use, simple social app that facilitates in-person events, as seniors generally prefer, and foster a sense of connection with their community. Though younger ages can use this app as well, we designed the app to be as accessible and easy-to-navigate as possible for seniors. For example, a minimal number of screens were used, along with a static calendar, to prevent a feeling of getting lost in the app due to seniors' generally lower technical literacy.

## ## INSTALLATION REQUIREMENTS

Users must download the "Expo Go" app on their tablet to be able to access this high-fi prototype/demo of Lucky Day.

## ## OPERATING INSTRUCTIONS

### Login:

Because Lucky Day is a prototype, user authentication is not supported at this time. That is to say, upon opening the app, both the "Sign Up" and "Login" button will redirect to the home page.

### Calendar:

A calendar is displayed on the left half of the screen. Any date on which the user has signed up for an event is marked with a green dot. Clicking on a date will filter the events shown in the side-bar on the right half of the screen to only that date. Clicking the selected date on the calendar again will deselect this filtering. Users can change months by pressing the arrow buttons located to the left and right of the month title.

### Sidebar:

A sidebar is displayed on the right half of the screen. Within the sidebar is a feed of upcoming events. Each event has its own event card. Users can select filters using the navigation bar near the top of the sidebar to filter the events. Clicking the down arrow in the bottom-right of an event card expands the card to show more details of the event, such as time, location, and a description. Upon clicking the "Add" button, the event will be added to the user's saved events, and a contributions page (if the event host has requested attendee contributions) is shown, where the user can voluntarily contribute if they wish.

### Create Event:

Located underneath the calendar, users may click the "Create Event" button to post a new event. Clicking the button will change the sidebar to display input fields where the user can fill in the necessary information about their event. In the top left of the sidebar is a "Back" button, and in the top right, a "Post" button. Clicking "Back" will bring the user back to the original sidebar, and clicking "Post" will publish their event.

#### Account:

In the top-left corner of the app is a profile-picture icon. Clicking it will redirect the user to the Account page. However, as Lucky Day does not currently support user accounts/authentication, we have not implemented an account page. Instead, an "under construction" page is shown. In the bottom-left corner of this screen, the user may click the "Sign Out" button to mimic a sign-out, which redirects the user to the Login screen.

#### ## LIMITATIONS

As mentioned previously, Lucky Day does not currently support user account creation or authentication. The app instead mimics a user, and so there is only one "account" that anyone scanning the QR code may use.

Lucky Day is meant to be a landscape tablet-only app in order to support visual accessibility for seniors. All design and development was made with general tablet dimensions in mind. As such, it will not display correctly on a phone, even in landscape mode. However, the display has been generalized to fit neatly on different tablet sizes in landscape orientation.

Lucky Day does not currently support portrait orientation on tablet. With this in mind, the app is supposed to be 'locked' in landscape mode (the code for this is in layout.js) using Expo's orientation locking abilities. However, it seems that this Expo function is overridden by iOS device orientation. With this in mind, please only operate this app on landscape mode.