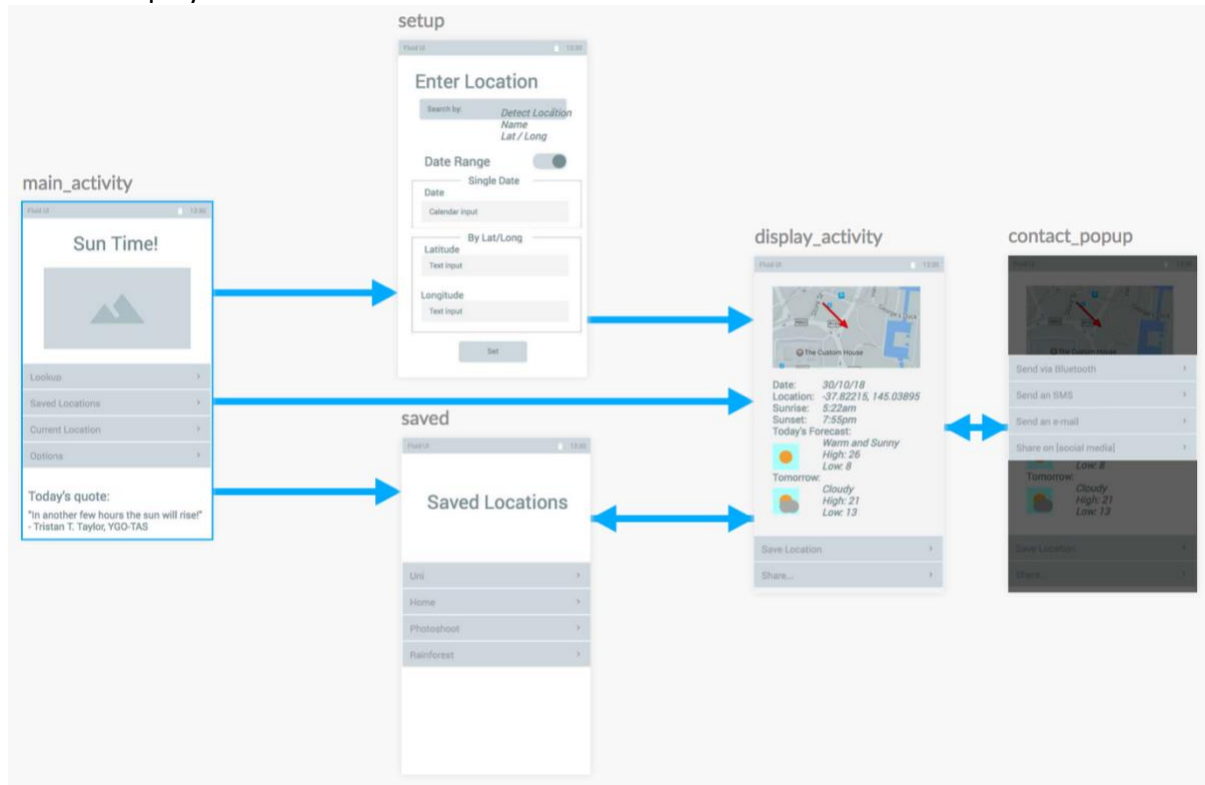


Task 7.1P

Sketching app designs

1. Create a Complete hi-fidelity prototype using FluidUI (or similar)

Overall Display:



Please Refer Appendix 2 for further Screenshots

Design Motivations:

Main Activity

Welcomes user to the app. Directs user to where they wish to go. Keeping things simple and linear.

Setup

Top section has controls for what the user wants to enter, bottom section has controls for the data itself, reacting to the upper controls.

Display activity / contact popup

Shows information based on what was entered earlier (or detected automatically). The popup launches another app, which can handle specific messages.

Saved

A list of saved coordinates, keep it simple with a title and recycle list.

Feature List vs. Screens

Main

- Can detect current location

Setup

- Generate a table of sun rise/set times for a date range

(When choosing by map)

- Integrated into Google maps
- Can detect current location (as a starting point)
- View sun rise/set times for various locations on a map

Display

- Show sun rise/ set times for a date/location
 - A horizontal Recycler view can be loaded with multiple days' worth of times and forecasts.
- Can add new custom locations
- Integrated into Google maps
- View sun rise/set times for various locations on a map
- View weather forecast (current, and near future).

Saved

- Can select from pre-built set of locations

Contact Popup

- Share information via SMS and email

Navigation Steps per Scenarios from 6.1P

I. Steve, Nature Photographer

1. Open App (Main Activity)
2. Menu item 1 ("Lookup")
3. Drop-down box (Select by Map)
4. Set pointer on map.
5. Button ("Set")
6. Review result.

II. Macy, Tourist on Videocall

1. Open App (Main Activity)
2. Menu item 2 ("Saved Locations")
3. Menu item n (Home location)
4. Check local times (to see when family at home would be awake)
5. Back button to Saved Locations
6. Menu item n (Uluru)
7. Compare the two sets of times to see what would be the best time to call.

III. Bob, Builder

1. Open App (Main Activity)
2. Menu item 1 ("Lookup")
3. Drop-down box (Select by Name)
4. Look up worksite.
5. Button ("Set")
6. Plan journey accordingly
7. Menu item 2 ("Share")
8. Menu item n ("Send via email")
9. Compose message in preferred email program and inform client

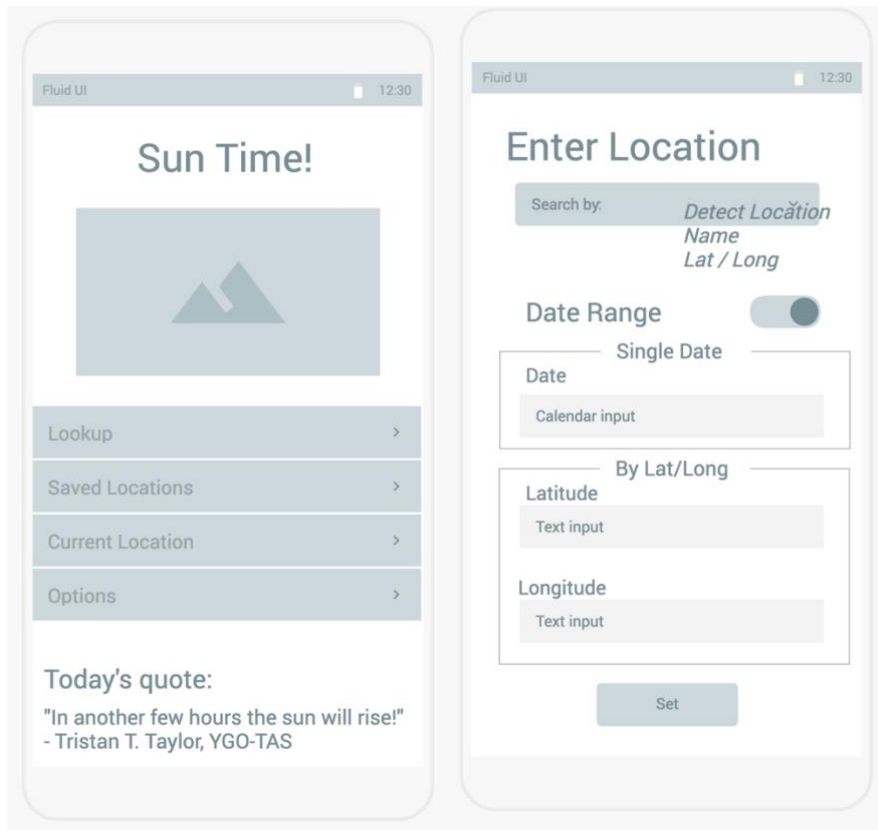
IV. Sam, Firefighter

1. Open App (Main Activity)
2. Menu item 3 ("Current Location")
3. Compare Sunrise time to current time. (and observe forecast)

Appendix 1: Reflections:

FluidUI was fun to use, but it was annoying that it kept losing connection while I was in the middle of rearranging elements.

Appendix 2: Screenshots



Top Row: Main Activity. Setup
Bottom Row: Saved Locations, Display, Sharing Popup

