

Elevate

# Prototype Report

December 6, 2017

## Known Problems/Functions not working correctly:

- Marking an item as done doesn't cancel its pending notification
  - Location: ToDoAdapter on checked
  - Possible fix: Add code to check for pending notifications on toggling doneness, and cancel or set the alarm accordingly.
- The authentication page sometimes gets stuck in loading
  - Location: FirebaseUI library called in MainActivity. Not sure how to fix since this was supposed to be a drop-in solution.
- Mood notification pops up when app opened
  - Location: Mood notifications are created in MainActivity's onCreate.
- Crashes on older versions of Android
  - Location: NotificationReceiver
  - Fixed with NotificationChannels if running API 26 and above
- FAB to AddActivity from a To-Do List doesn't pass along current fragment's date
  - Location: FAB in MainActivity, Date in ToDoFragment
  - Possible fix: Move FAB to fragment and pass calendar along with intent.
- Visiting days in the future will set their color in the calendar
  - Location: CalendarFragment
  - Possible fix: Add additional verification of date when setting colors

## Suggested test cases:

1. Create a task
  - a. Open Navigation Drawer
  - b. Open "Home" or "Calendar"
  - c. Press "+" button
  - d. Write a "Task Title"
  - e. Select reminder time/date below
    - i. Can leave as default to see reminder immediately
    - ii. Can also create tasks for past and future dates
  - f. Press ">" to create
2. Create a habit
  - a. Open Navigation Drawer
  - b. Open "Home" or "Calendar"
  - c. Press "+" button

- d. Write a "Task Title"
  - e. Press "Habit" radio button
  - f. Mark days of week to do this habit
  - g. Press ">>" to create
- 3. View to-do list and mark items as done
  - a. Open Navigation Drawer
  - b. Press "Home"
  - c. Press toggle button to change task/habit status from "to-do" to "done"
- 4. Record your mood
  - a. (From a notification reminder)
    - i. Tap on Notification
    - ii. Record number of stars (1-5)
    - iii. Press ">>" to record
  - b. (From Navigation Drawer)
    - i. Press "Record Mood"
    - ii. Record number of stars (1-5)
    - iii. Press ">>" to record
- 5. View your productivity and mood on the calendar
  - a. Input some tasks/habits/mood
  - b. Use corresponding toggle buttons at the bottom of the calendar to view color representation of productivity and mood symbol faces
    - i. Can view simultaneously