Working Prototype Known Problems Report

Product Name: KITT
Team name: The KITT Kats
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Known Problems:

1. **In Main Activity:**
   a. **Wrong icon on bottom nav bar highlighted when reopening app after closing**
      i. input/action that causes failure: leave app and change dark or light mode, then reopen app
      ii. location of fault (if known): maybe in onNavigationItemSelected in MainActivity class for which fragments are selected
      iii. possible action for removal of fault: do more research online to find solution
2. **Date picker:**
   a. **When attempting to pick a date, the "Today" button on the date picker doesn't work**
      i. input/output action that causes failure: date picker has a button marked "today" that would ideally facilitate quick selection of the current date, but it doesn't do anything
      ii. Location of fault (if known): launchDatePicker()
      iii. Possible action for removal of fault: Use a different library for date picker
   b. **When choosing today as an expiration date, user needs to click off of today's date and then click it again to select todays date**
      i. input/action that causes failure: date picker appears with todays date highlighted but user cannot select it
      ii. location of fault (if known): launchDatePicker()
      iii. possible action for removal of fault: Use a different library for date picker

List of suggested user stories/acceptance criteria for actual acceptance test:
Suggested User Stories:
➔ User Story #1: As a user, I want to be able to manually input a food item and give it an expiration date so that I can keep track of what I have and when it will expire

- ◆ At this point, this will be very basic manual implementation
- ◆ SQLite to store food
- ◆ Date picker to input expiration dates manually
- ➔ User Story #2: As a user I want to be able to use a calendar so that I can see on what days my food will expire.
  - ◆ Calendar, test with being able to add your own expiration dates
  - ◆ Very basic UI
  - ◆ Days where food expires are marked
  - ◆ Make sure user can see what food is expiring on what day
- ➔ User Story #3: As user I want to receive notifications so that I won't forget what food I have and when it's going to expire
  - ◆ Reminders / notifications
  - ◆ Very basic UI
- ➔ User Story #4: (13 points) As a user, I want my home page and calendar pages to look nice so that it will be visually pleasing.
  - ◆ Card view for item list
  - ◆ UI improvements like dark mode, layout, design
- ➔ User Story #5: (13 points) As a user, when I input a food item I want it to autofill the expiration date with the option to manually adjust it so that I don't have to constantly look up expiration dates for my food WORK IN PROGRESS
  - ◆ Firebase for db storage instead of a local database
  - ◆ (name, type of food, expiration)
  - ◆ Database (not local)
    - ● Set up a cloud hosted db that the app can query in order to predict expirations of food entered by the user
- ➔ User Story #6: (3 points) As a user, I want to sign in with Google so that my data is saved
  - ◆ Login with Google to sync data across devices. Current implementation uploads data but does not download data that already exists in the Firestore db. WORK IN PROGRESS