User Documentation User Story
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Life Reminders
Revision: 3
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Contents (In order of appearance)**:**

Index (Alphabetical order)**:**

Installation Overview:

Before Installation:
The app will only be able to be installed on Android devices running Android version 4.0+ but has a target OS of 5.0. It will only install if the device has enough space onboard to store the installation file (APK), which requires around 4 MB to install.

Installation:
Assuming use of apk/hosting: The user will have to direct their browser to the web page hosting our .apk file and proceed to download it onto their device (it currently can be download from our GitHub Repo under the folder APKs). Once downloaded, the user must ensure they allow installation of non-Market apps by enabling unknown sources in their security settings. After verifying that the device allows for the installation of non-Market apps, the user opens the application in their downloads or through a file manager to initiate the installation of the application. After installing the application, the user selects the application in their application drawer and the app will open up the default screen displaying lifestyles.

Assuming use of Google Play Store: The user will open the Google Play Store application on their device and search for Life Reminders. After searching and identifying the Life Reminders App, the user will press on the install button, initiating a download and installation of the Life Reminders app. After the application is downloaded and installed, the user selects the application in their application drawer and the app will open up the default screen displaying lifestyles.

The list of permissions the application needs include the phone's state for the use of the device's hardware, including vibration, sound, LED flash, notification, and the system lock info.

The app also requires permission to launch on device start to ensure that all notifications are properly set after the phone is turned on.

Quick Reference (in order of importance)**:**
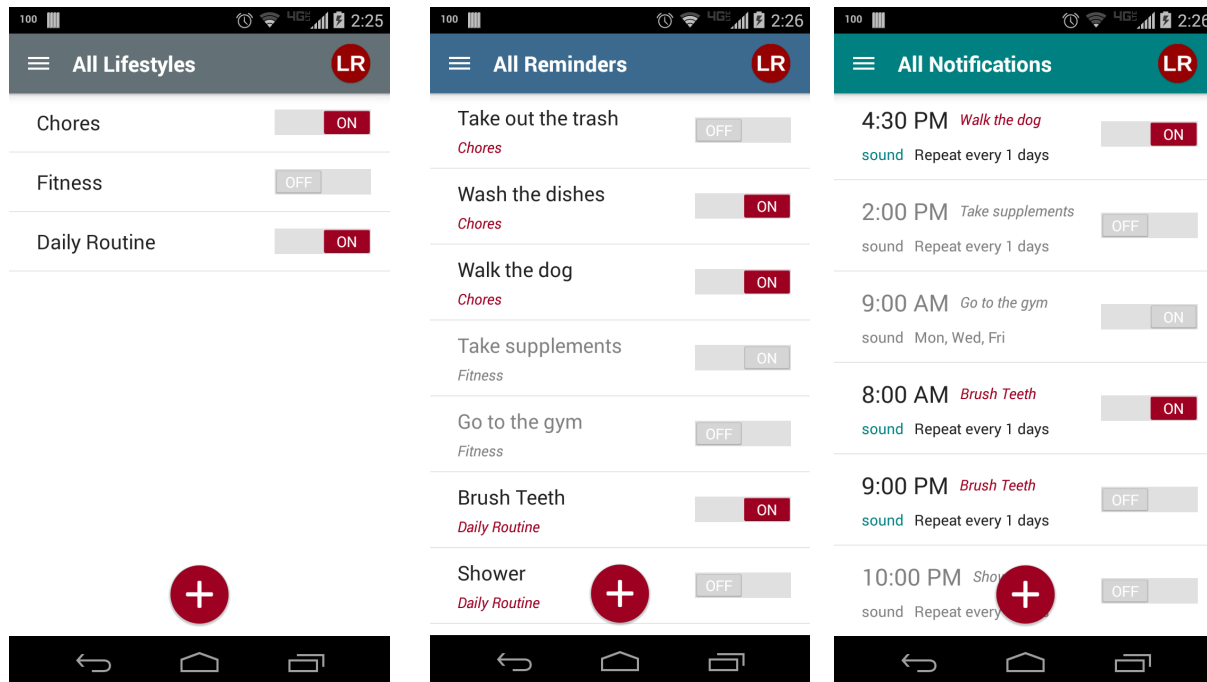
Lifestyles: A lifestyle is a user-configured grouping of reminders, usually correlating to a unified theme. For example a Lifestyle called "Exercise" might consist of a list of reminders like "workout" and "take supplements", or a lifestyle called "Medication" might consist of reminders like "Take Vitamin C" and "Check blood pressure". A user will need to create the reminder inside of the Lifestyle in order for it to be associated with it.

Reminders: A Reminder is a set of notifications relating to the name of the reminder the user wants to be alerted about, i.e take medication or exercise. By default every created Reminder will be stored under as Unsorted (i.e. no Lifestyle container), unless the user selects a particular lifestyle and adds the reminder directly to it (can only be done on reminder creation). A reminder cannot be in multiple lifestyles at once, if the user wished to have it listed in another lifestyle, they must manually create a new copy. The reminder can then store unique notifications, configured by the user, pertaining to the created reminder.

Notifications: A notification is how the application will remind the user of its reminder. The user will select whether they should be alerted about their reminder in a single occurrence or repeated in a specified way. When setting a single occurrence reminder the user must specify the time and the day for the one time alert to be sent. By default the user must select a time the notification will go off, and then can select whether there are multiple days a week, every other

day, etc, and how they should be notified (vibrate, sound, etc.). A notification can be unsorted or organized under a reminder (and thus might be listed under a lifestyle as well).

Enabled/Disabled Toggle: If a notification is disabled, it will not go off. If a reminder is disabled, none of it's corresponding notifications will go off. If a lifestyle is disabled, none of it's corresponding reminders' notifications will go off. In the event that at least one of the notification containers (reminder or lifestyle) is disabled, the switch will be grayed out to indicate that the alarm will not go off. The switch can still be toggled and the state will be recorded, but it will still not go off until both containers are enabled. The same applies to a reminder and its container lifestyle.

Tutorial and Navigation:

Launching the application Page: First, press the app named "Life Reminders" to launch the app. Upon launching the app, the user is greeted to the list of lifestyles the user has set (or whatever start screen has been set in the settings).
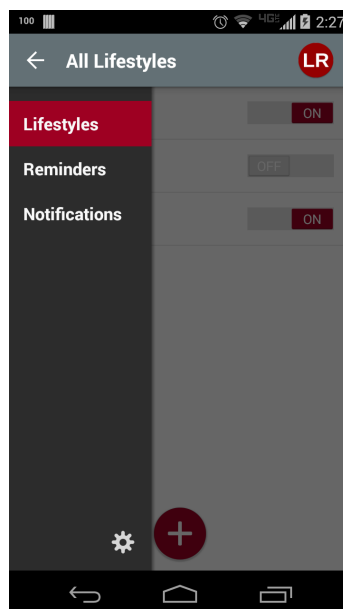
Navigation Menu Bar Page: To access the nav bar, the user can swipe from the left edge of the screen to the right to bring up the menu, or by tapping the menu button on the top left corner of the action bar (denoted by three horizontal lines). The nav bar is only accessible from the "All Lifestyles/Reminders/Notifications" pages. Once brought up, users can switch between viewing a list of all their Lifestyles, Reminders, or Notifications, or access the applications settings.

All Lifestyles Page: Users can scroll through the list of all lifestyles that contains all of the created lifestyles The user can switch between enabling or disabling a lifestyle and it's accompanying reminders, or tap on a particular lifestyle to bring up and view or modify the

details of the lifestyle. Pressing the plus button located on the bottom of the app in this window will create a new lifestyle and bring up the individual lifestyle page for modification.

Individual Lifestyle Page: The details of the selected lifestyle will be displayed as well as its accompanying reminders. To modify the name of the lifestyle, the user will select the name of the lifestyle, in which a keyboard will pop up to allow user input. To access one of the accompanying reminders, the user presses on the reminder which they wish to view or modify (refer to "Individual Reminder" for more details).

All Reminders Page: Users can scroll through the list of all of the created reminders with a label indicating which lifestyle the reminder is connected to (or Unsorted if it is not contained in a lifestyle). The user can switch between enabling or disabling their reminders, or tap on a particular reminder to bring up its details and modify it. Pressing the plus button located on the bottom of the app will create a new reminder and bring up the individual reminder page for modification.

Individual Reminder Page: The details of the reminder will be displayed as well as its accompanying notifications. To modify the name of the reminder, the user will select the name of the lifestyle, in which a keyboard will pop up to allow user input. To access one of the accompanying notifications, the user presses on the notification in which the selected notification will open, showing the details of the notification (refer to "Individual Notification" for more details).

All Notifications Page: Users can scroll through the list of all created notifications. Beside each notification is the information relating to each notification, which can be modified or viewed in depth by clicking on the desired notification (refer to "Individual Notification" for more details). Also, the user can switch between enabling or disabling their notifications. To create a new notification, press the plus button located on the bottom of the app, which will go to the create new notification page.

Individual Notification Page: The same details seen in the "All Notifications" page will be displayed, such as the container Reminder the selected Notification pertains to, time selected, notification type (ie sound/vibrate), which days or date selected notification should recur, and whether or not it is enabled. The user will have the option to edit or delete the notification from this window.

Create New Notification Page: There are three options when you add a new notification, the interaction flows are described for each below.
1. *One time notification*: The user enters a date, time, and notification style (i.e. vibrate, sound) for the notification.
2. *Repeat every BLANK days*: The user enters the first date for notification to go off and the time. They then enter the repetition period (i.e. "every 2 days"). Then they select the notification style (i.e. vibrate, sound).

3. *Repeat on certain days of the week*: The user enters the time for the notifications, what days of the week (i.e. Tuesday, Thursday, Friday) to go off, and the notification style (i.e. vibrate sound).
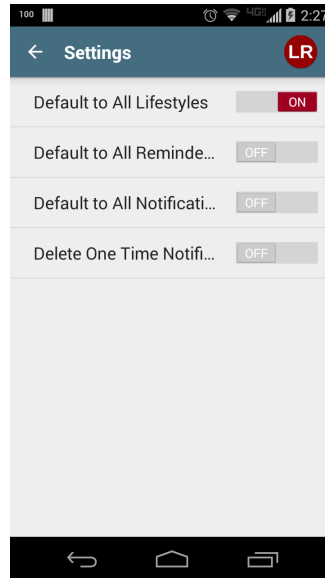
Settings Page: There are two primary settings, and four binary switches that are used to change them.
1. *Change default launch page*: There are three switches that are used to control this. Just switch whichever one (Default to All Lifestyles, Default to All Reminders, or Default to All Notifications) you want to be the default page to ON. The other switches will be set to off. Only one of these switches can be enabled at a time and exactly one must always be switched to ON. As soon as you switch one to ON the others will be turned to OFF. If you try to disable the currently switched ON button, it will not let you since one must be enabled at all times.
2. *Change whether one time notifications are deleted after they go off or whether they remain (but will no longer go off since it was a one time alarm)*: The user can toggle the switch to on or off. ON if they want it to be deleted after the one time notification goes off, or OFF if they want it to remain after it goes off.