

# Snoozeloo Requirements

This requirements document is used to explain the main functionality behind Snoozeloo.

The exact looks and colors of a specific UI element can be seen on the mockups. The app has a single theme, there is no light and dark theme.

Note that this serves to give you an overall impression of what the app should be able to do. Feel free to decide how you implement specific things (e.g., how you display a specific loading progress or how you specify error messages).

You can find the mockups for Snoozeloo here: <https://www.figma.com/design/t0TIMqJem7LCjALeyQNip2/Snoozeloo?node-id=62-6482&t=Goatlz8jjY3dyocJ-1>

## App Variants

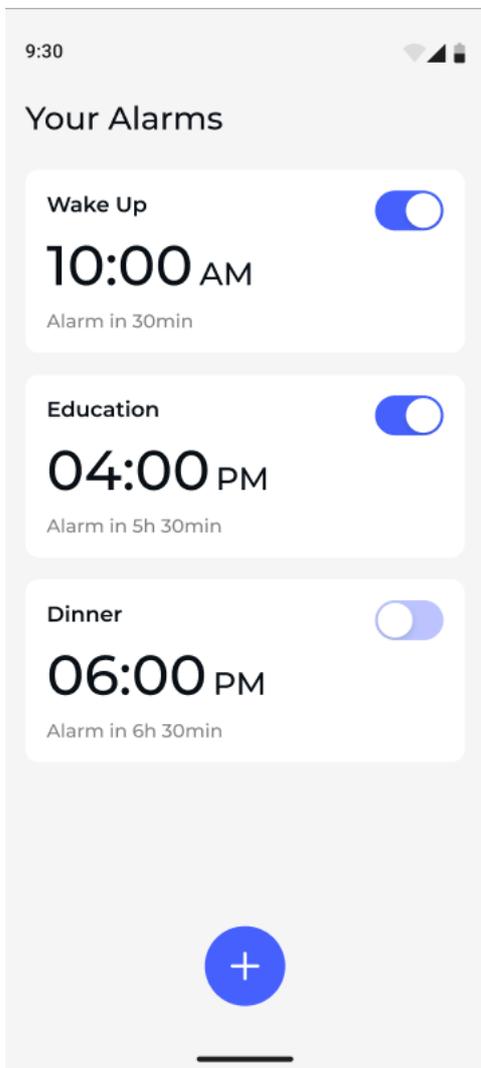
The mockups include two app variants: MVP and an extended version. The extended version-specific requirements are written in **orange**. Depending on your available time, you can build either variant.

## Icons

All icons for the app can be Material design icons or taken from the mockups as SVG (in case an equivalent Material icon doesn't exist)

## Alarm List Screen

- List of all created alarms
- Empty state when there are no alarms to show
- FAB to create a new alarm
- The toggle on each card element to turn the alarm on or off
- The title of the alarm is optional
- Each card element also shows:
  - Next occurrence the alarm will trigger in the format "1d 4h 45min"

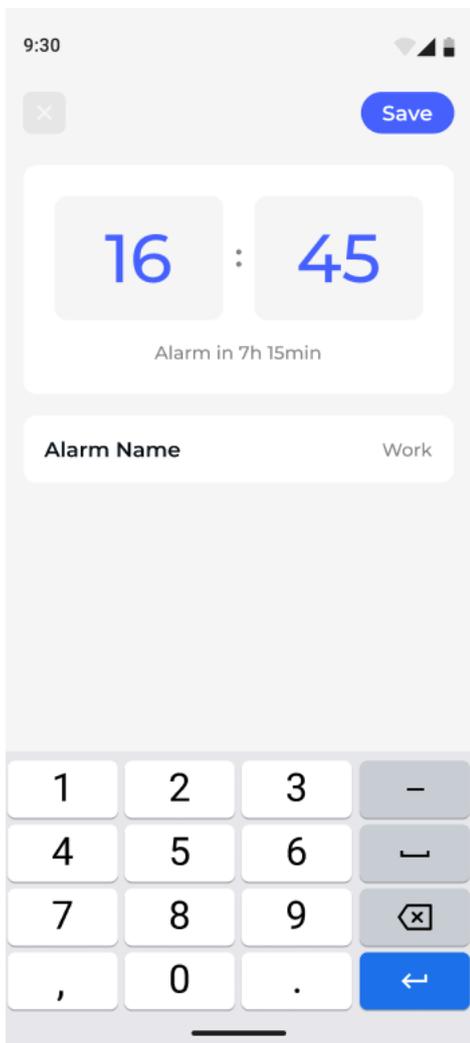


- The weekdays the alarm will repeat on
- Text that says what time to go to bed for 8 hours of sleep before the alarm: “Go to bed at XX:YYpm to get 8h of sleep”

## Alarm Detail Screen

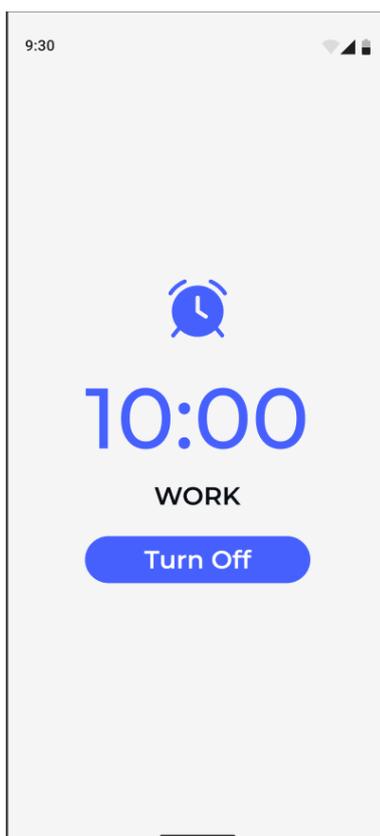
All alarm configurations made on this screen should ONLY apply for this specific alarm. They should not in any way affect the other alarms.

- Two input fields where only digits is accepted as input
  - Validate the input to only allow a valid time between 00:00 and 23:59
- The “Save” button is only enabled when the alarm time is valid
  - When the alarm time is set to a time earlier than now, then the alarm should be scheduled for the next day at that time.
  - For example: It is now Monday 11:00 and the user inputs a time of 09:00, the alarm will then go off on Tuesday at 09:00
- Text below inputs that displays when the next occurrence of the alarm will trigger in format “1d 4h 45min”
- Input to set the name of the alarm (optional)

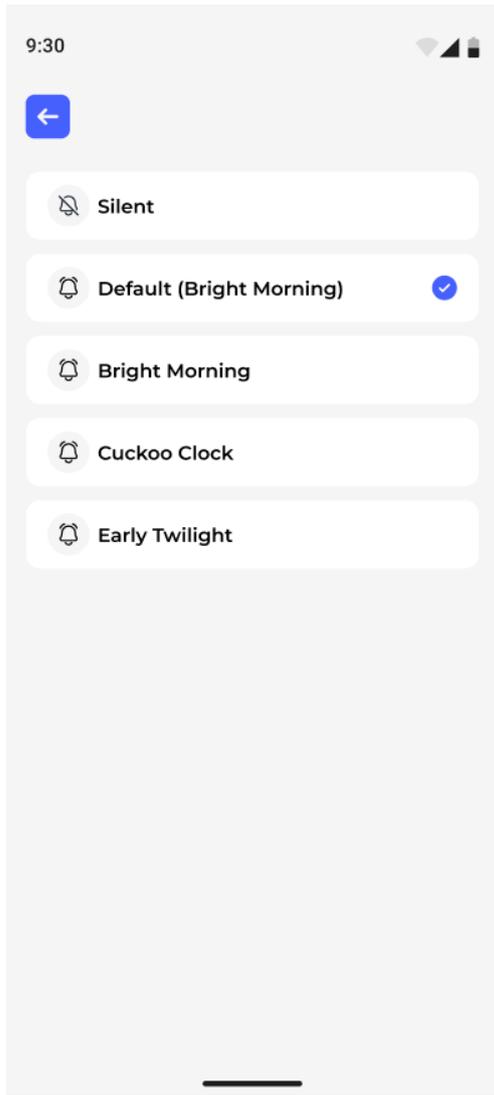


- Show dialog to input name
- Only save the name when the dialog's "Save" button is tapped and not when the dialog is dismissed
- Selectable chips with the weekdays the alarm should repeat on
- Alarm ringtone card
- On tap navigate to Ringtone Setting screen
- On return update the ringtone to match the selection made on the Ringtone Setting screen
- Card to set the volume of the alarm when it triggers
- Defaults to 50%
- Card to toggle if the alarm should vibrate or not

## Alarm Trigger Screen



- Shown when an alarm is triggered
- Dismiss screen and stop playing the ringtone when the "Turn Off" button is tapped
- "Snooze" button that stops the alarm and dismisses the screen
- It should also schedule a new alarm for 5 minutes in the future with the same configurations as the one that got snoozed
- Snoozing an alarm should not update the alarm's normal repeating schedule



## Ringtone Setting Screen

- Display list of all default Android ringtones
- Include a silent option
- On tap, mark the item selected and play short preview of the ringtone
- DO NOT navigate back when user selects a new option