Technical Requirements - Countdown to Cake

Challenge is accessible on Memberspot: https://pl-coding.mymemberspot.de/library/jx3b7Qik9ip5qpNI8IF2/xLKs08sdiaFgUoXaNS9g/5PvlIJLiI7y_SL1DWt5-L

🎭 Scenario

You're building a birthday countdown app for a very punctual party planner. They want users to press a button, wait a few suspenseful seconds, and then get a celebratory notification that it's cake time. Oh — and of course, users should be able to cancel the countdown. Because sometimes, the cake isn't ready yet.
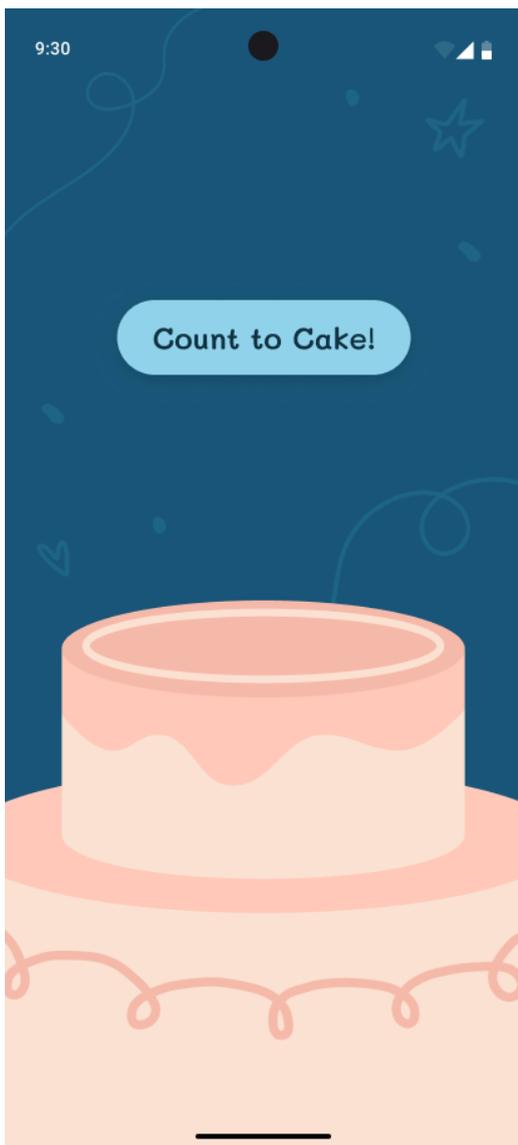
🎨 Figma Mockups

https://www.figma.com/design/ZHKMtYlFynRlOr1vDZRiHN/Birthday-Celebration-Challenge?node-id=1-29&p=f&t=yqoYoxfI3CSms8XY-0

🎯 Feature Goal

Let users start a countdown that triggers a birthday notification after a few seconds — unless they cancel it first.

📌 Requirements

- Fullscreen blue background edge to edge
- Confetti graphics on background
- Cake graphic at the bottom of the screen
- Button near center of screen: "Count to Cake!"
  - On tap hide button and start countdown
- When countdown starts
  - Show Cancel button at the bottom center of the screen
    - On tap, reset screen state and show the "Count to Cake!" button again
  - Show a lit candle graphic just above large text placed on top of the cake
    - It remains in a fixed position and only toggles its visibility based on the screen state
  - Large countdown text starts at 5 and ends at 1
    - ***Each number must be on screen for roughly one (1) second***
  - When the end of the countdown is reached, show a system notification with text: "🎉 It's cake time!"

🤔 What's Allowed?

- Standard Android/Jetpack libraries

    - *Knowledge about the NotificationManger will help* 👀

- No 3rd party libraries are allowed or would be required to complete this challenge

⚠️ What's not important

- Deep notification styling

- Handling edge cases like background execution or device sleep

- Perfect recreation of the mockup - it just needs to reasonably resemble the mockups

- Responsiveness across every device size or orientation is not mandatory.

🧠 Disclaimer

This isn't an alarm app — just a fun countdown for cake. Keep it light, keep it cancelable, and don't worry if the UI isn't party-planner perfect. The real goal? Show you can manage time-based actions and prevent side effects when needed.

🏆 Submission & Rewards

- A successful submission of this challenge via the `/submit-challenge` command on Discord grants you **75 XP**. You can use it in any channel on Discord :)

- A successful submission consists of these parts

  1. A link to a Gist showing your code for this challenge.

  2. A screen recording (20s max) showcasing:

     a. Tap the start countdown button

     b. When it reaches 3, cancel it

     c. Start it again and wait for the notification to show