

Child Friendly Timer

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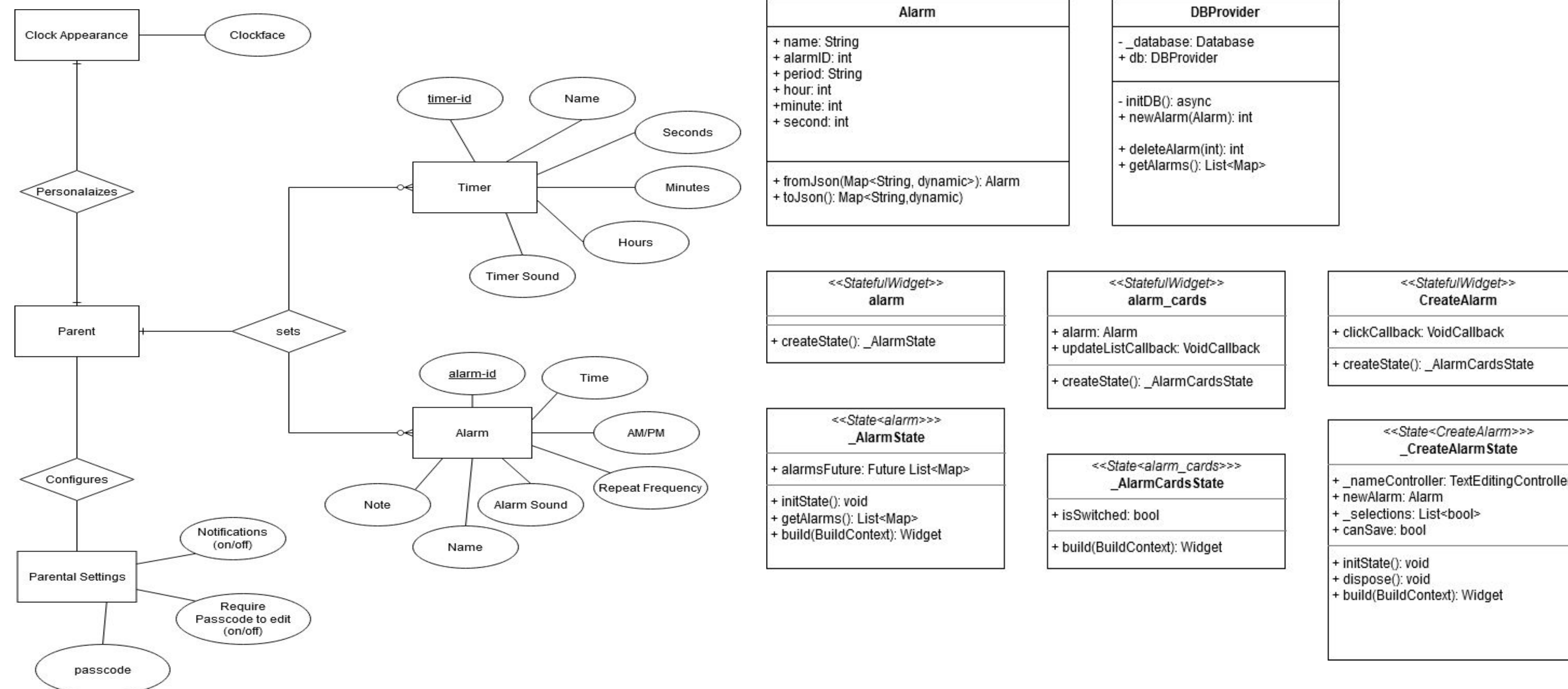
Overview

We are creating an application that serves as an alarm clock that parents can use to help their children keep to a schedule.

The clock and alarm is designed around a child centric theme using sounds, color changes, changes to the clock face, and timers for children who are learning virtually.

This application could be used like an interactive clock in a living room or study area, but with timers and alarms that a child would be able to see and respond to.

Design



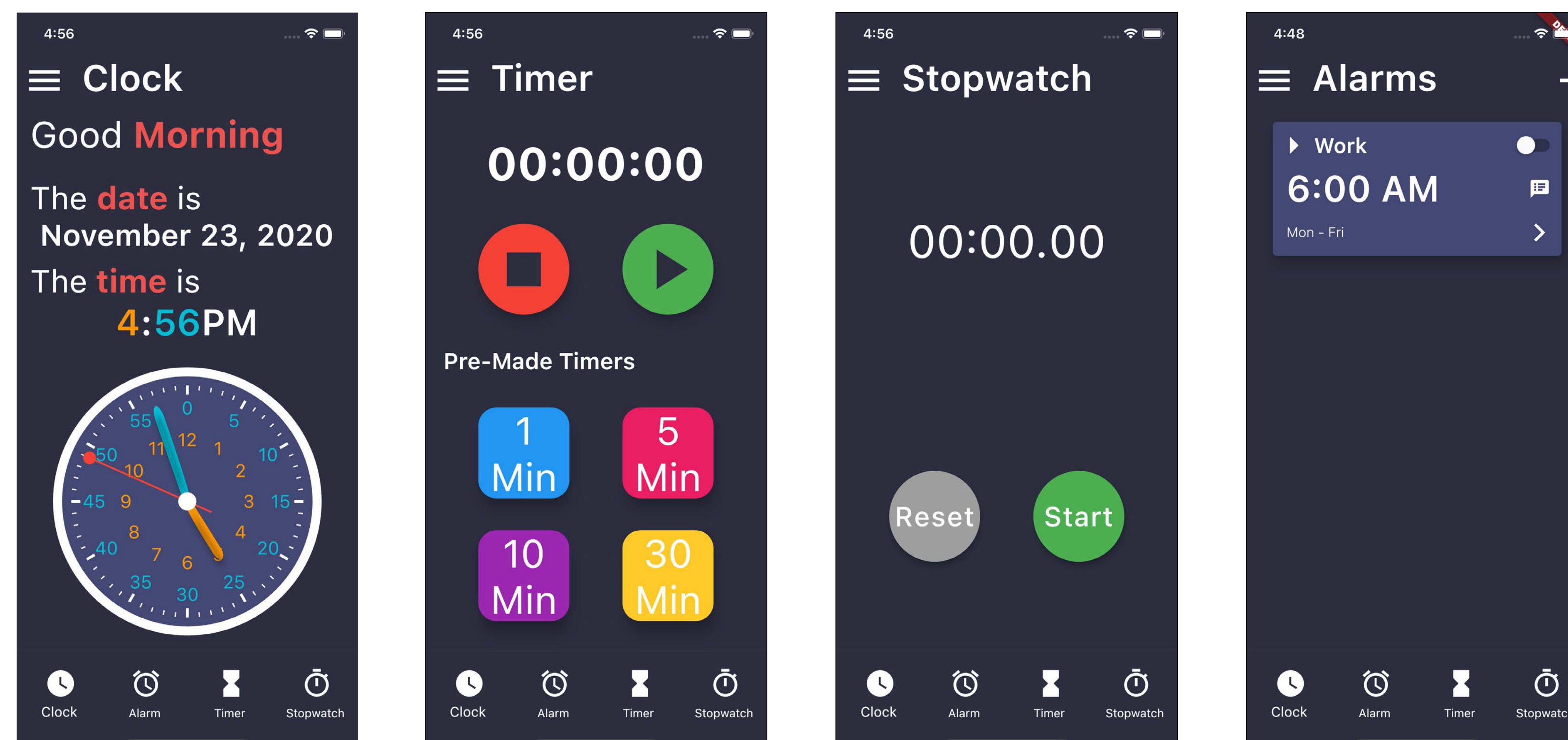
Technologies



Features

- Clock with color coded hour and minute hands along with the digital time
- Timer
- Pre-made timer buttons with color to make correct selection easier for children
- Stopwatch
- Alarm
- Add personalized name and notes to each individual alarm

Screenshots



Testing

- Testing was done in Android Studio with an emulated Pixel 2 and API 30
- Data collection done through SQL tables
- Black box & white box testing
- Regression testing completed every sprint
- Deployed to staging environment via an Android phone