CLOCK APP CLOSING REPORT:

CLOSING DATE: 12/4/2022

What's new:

–no updates yet

Known Bugs Report:

1. Clock (no bugs)
2. Alarm
   - 2.1. Battery optimization plugin has some bugs which should be resolve by the developers
   - 2.2. Alarm cannot be set on daily or weekly basis yet
   - 2.3. No custom sound feature is available now
3. Timer (no bugs)
4. Stopwatch
   - 4.1. Ignorable bug in the animated list view

About this App:

1. Clock
   - 1.1. Analog Clock
   - 1.2. Digital Clock
   - 1.3. Date, Time and weekday

2. Alarm
    2.1.   Read alarm from local database directory
    2.2.   Create Alarm in the local database directory
    2.3.   Firing alarm on a given time
    2.4.   Notification will pop up when the alarm will fire
    2.5.   Sound starts when alarm triggers (default mobile alarm sound)
    2.6.   Alarm can be snoozed automatically or manually by clicking on the notification and pressing snooze button
    2.7.   Alarm can be de activated and activated any time
    2.8.   Alarm can be updated as well as reschedule
    2.9.   Alarm can be deleted and when it deletes from the database the alarm will deactivated
3. Timer
    3.1.   Time can be stop resume and reset and restart
    3.2.   Sounds play when the timer completed
    3.3.   Buttons have animations to resize and hide
    3.4.   Timer has a circular progress indicator bar
4. Stopwatch
    4.1.   Laps
    4.2.   Animations
    4.3.   Start, resume, pause and reset

App info:

1. Application
    1.1.   Version 1.0.0
    1.2.   Gradle 7.4
    1.3.   Kotlin version 1.7.21
2. Technology
    2.1.   Flutter (Dart)
            2.1.1.   Version 3.3.9
3. External Library
    3.1.   Get (State manager)
            3.1.1.   Version 4.6.5
    3.2.   Vector math (Custom paint)
            3.2.1.   Version 2.1.2
    3.3.   Flutter screenutil (responsive design helper)
            3.3.1.   Version 5.5.4