

A Seamless Blend of Data
Monitoring and Scheduling

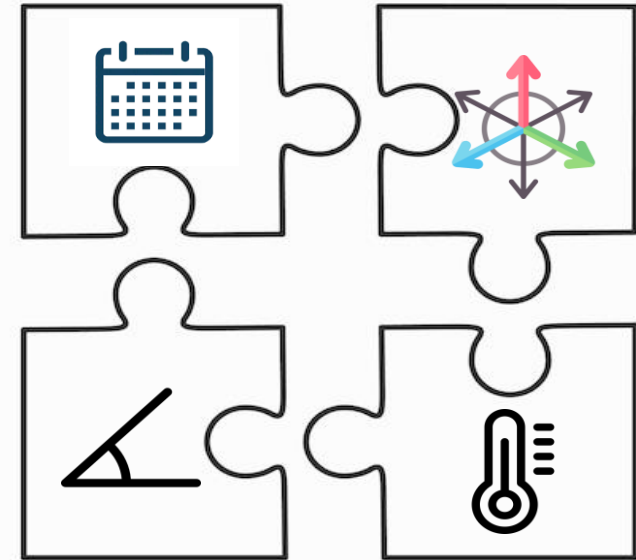
Integrated Sensor & Scheduler App



Problem statement

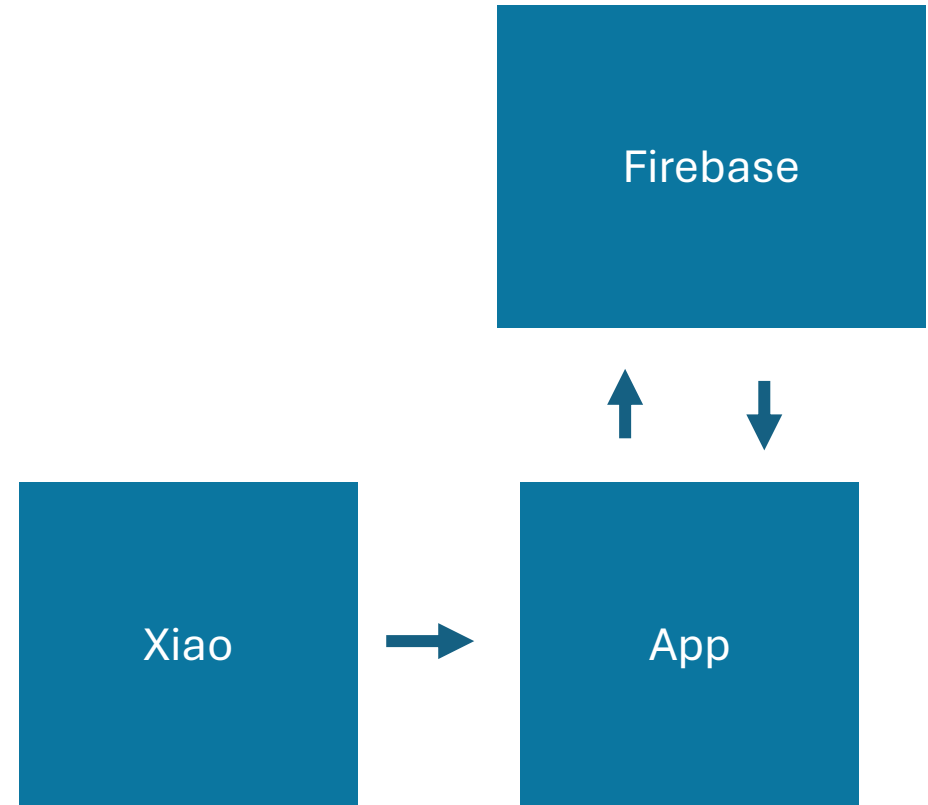
Current tools are fragmented. Users must switch between apps for data monitoring and task scheduling. This leads to inefficiency and data loss.

- Lack of unified solutions.
- Poor user experience across separate apps.
- Need for comprehensive, single-platform functional



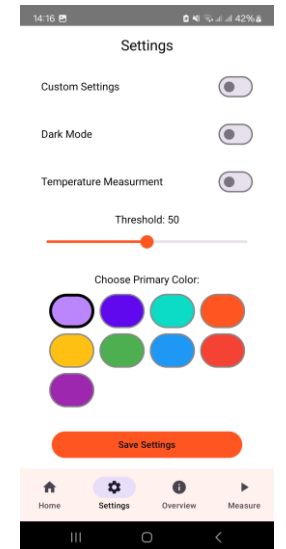
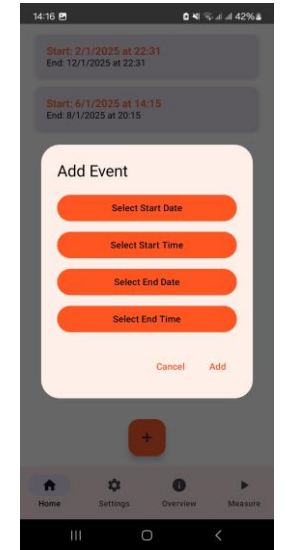
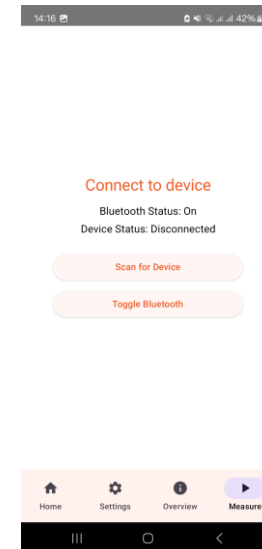
Technical approach

- Android studio, jetpack compose
- Firebase, Firestore
- XIAO nrf52400
 - temperature,
 - gyroscope,
 - accelometer,
 - with possibility to connect multiple sensors.
- Seamless integration and a lightweight user experience



User Interaction

- Dashboard: Real-time data visualization.
- Scheduler: Simple add functions for tasks.
- Notifications: Alerts for scheduled tasks and data thresholds.



Results

- Results Highlights.
- Real-time data visualization.
- Functional scheduler with reminders.
- Intuitive user interface.

