

Case Study 2 — Smart Classroom Monitor

Step 1: Understand the Problem

This program is designed to monitor the state of a classroom. The user is a teacher or administrator as expected, who uses the system to manage check-in, equipment status, and temperature tracking. The program will show a menu so the user can do different works, as turning the projector on or off, choosing a topic, checking student's attendance, recording the room temperature, and making a report.