

Duration

You will have **2 hours** to complete this assignment in one continuous session.

Objective

We want to assess your ability to design and implement a small but production-ready system, simulating an actual work environment and requiring thoughtful tradeoffs along the way.

Problem Statement

Build a **Quiz Management System** with:

1. **Admin Panel**
 - Ability to create a quiz with:
 - Quiz title
 - A few questions of various types (MCQ, True/False, text, etc.)
2. **Public Page**
 - A page where a quiz can be taken by anyone
 - Display results after completion (e.g., score or correct answers)

Tech Stack/Tools

Frontend	Java or React Next.js or similar
Backend	Spring Boot
Database	MySQL or Oracle or similar
IDE	VSCode or Eclipse or similar
AI Coding Agent	Any CLI agent of your choice, you are free to use multiple agents in parallel

Deliverables

- One GitHub repo with all the source code
 - A PLAN.md describing:
 - Assumptions, scope, and approach
 - Any scope changes during implementation
 - A short reflection (~5 min) at the end on what you would do next if you had more time

- Minimum 4 commits
 - Make at least one commit every 30 minutes
- Recording of your session (screen + audio).
 - Include a short demo of your final work at the end
- Deployment link (good to have)

Notes

- The brief is intentionally light — we want to see how you scope, prioritize, and make trade-offs.
- Whatever you build should feel production-ready. Less features are fine, as long as the system works reliably.
- Plan first: Create a `PLAN.md` describing your assumptions, scope, and high-level architecture, including schema. Update your `PLAN.md` if you adjust scope or make significant changes while coding.