

Advanced Programming 1

Assignment 3 – Project Design & Setup Milestone

Deadline & Submission

Deadline: 23:59 25.01.2026

Submission:

- ZIP archive named Assignment3_TeamName.zip
- Upload to Moodle
- Project must compile and run using ``go run .``

Defense: All practice classes in Week 8 (26.01-30.01), you will be asked to download your assignment solution from the lms and demonstrate your results and answer questions.

Goal: Check whether the team understands what they are building and how it will be built. This assignment evaluates planning and architecture, not full implementation. Milestone 1 of the final project.

What to Submit

1. Project Proposal
2. Architecture & Diagrams
3. Project Plan (Gantt)
4. Git Repository Setup

1. Project Proposal (30%)

Students must describe project relevance, competitor analysis, target users, and planned features. UI and final workflows must not be fully defined yet.

2. Architecture & Design (35%) (Use monolith for now)

Provide system architecture, at least one Use-Case diagram, one ERD, and one UML diagram. Describe modules, data flow, and responsibilities.

3. Project Plan (20%)

Provide a Gantt plan for weeks 7-10, including tasks per team member. Final polish tasks must not be listed yet.

4. Repository Setup (15%)

A Git repository with branches per member and at least one commit per member. Code may be skeleton only.

Grading Rubric:

- Proposal 30%
- Architecture 35%
- Plan 20%
- Repository 15%