

# **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%