University ERP System - Required Project Diagrams

Figure 1. High-Level Architectural Overview
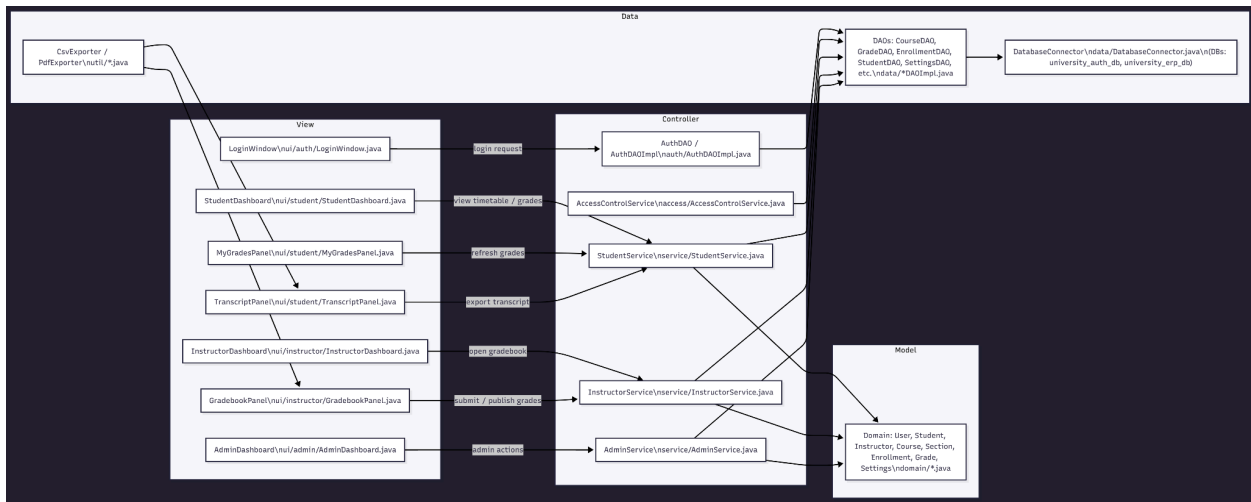

Figure 2. Entity-Relationship Diagram (ERD)
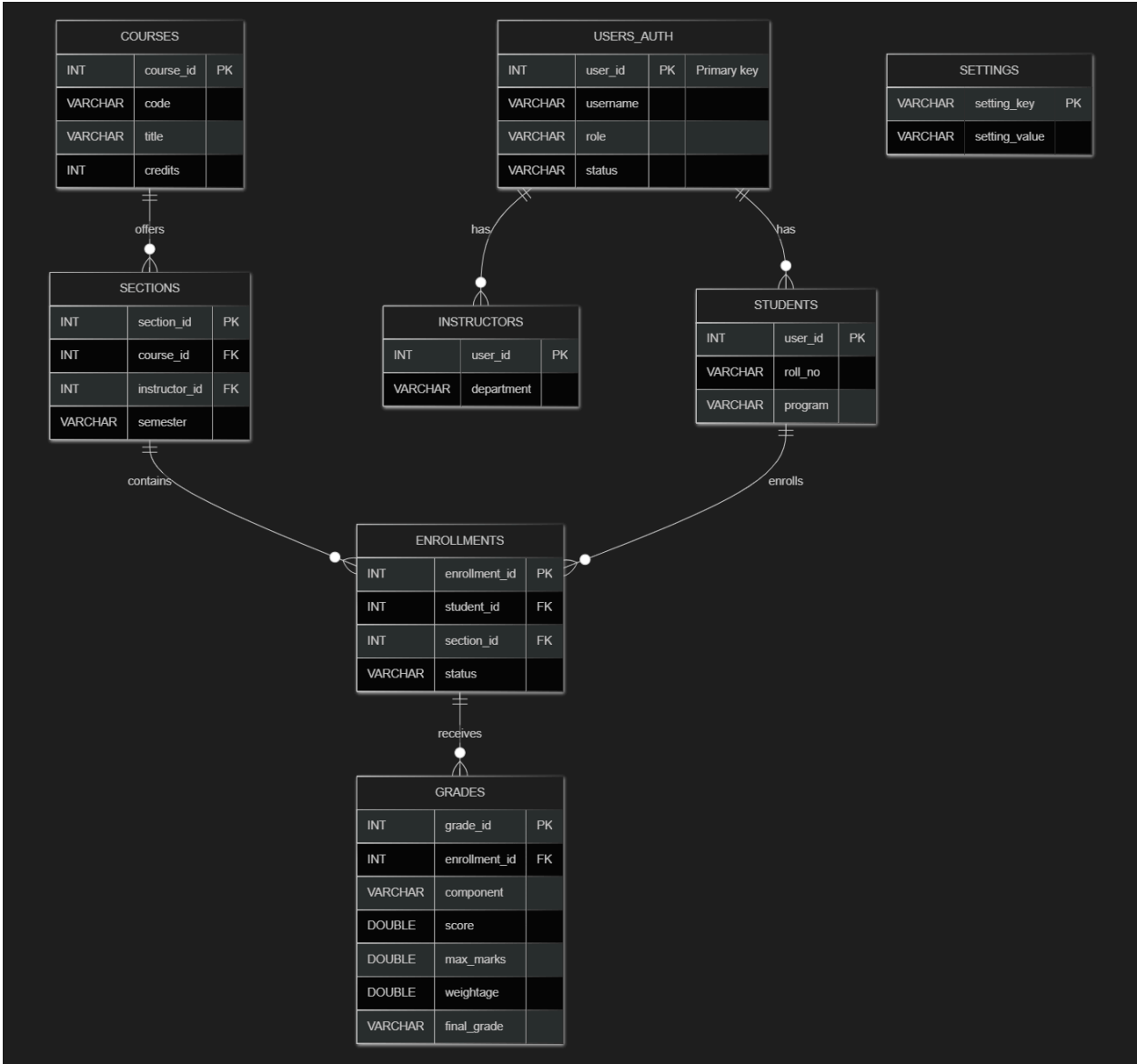
Figure 3. Sequence Flow: Secure Login with Lockout
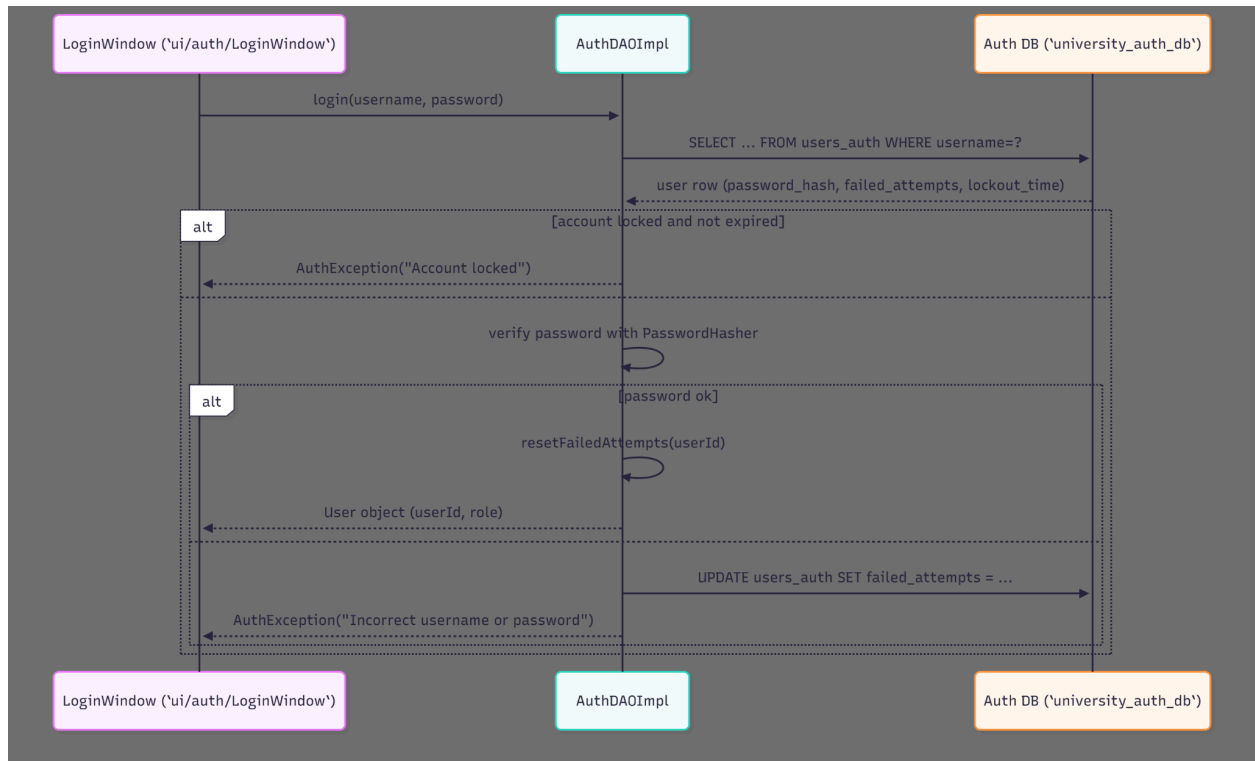
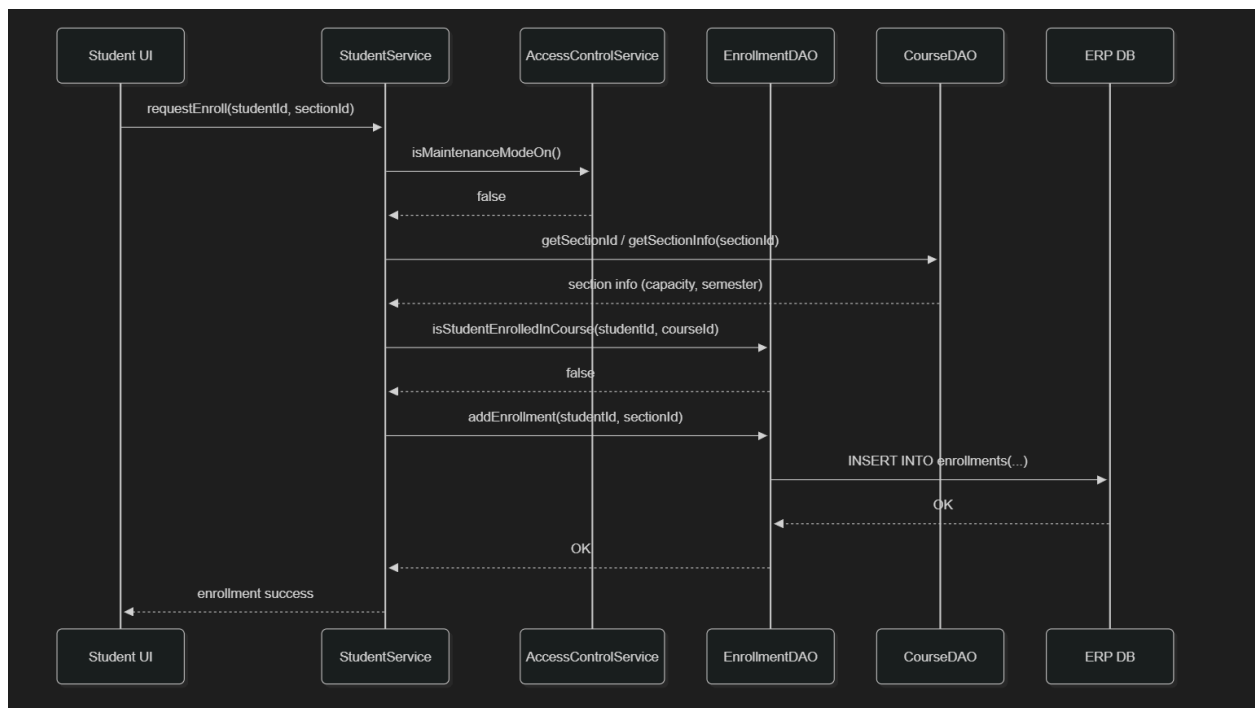**Figure 4. Sequence Flow: Student Enrollment Request**

Figure 5. Sequence Flow: Instructor Submit Grade Component
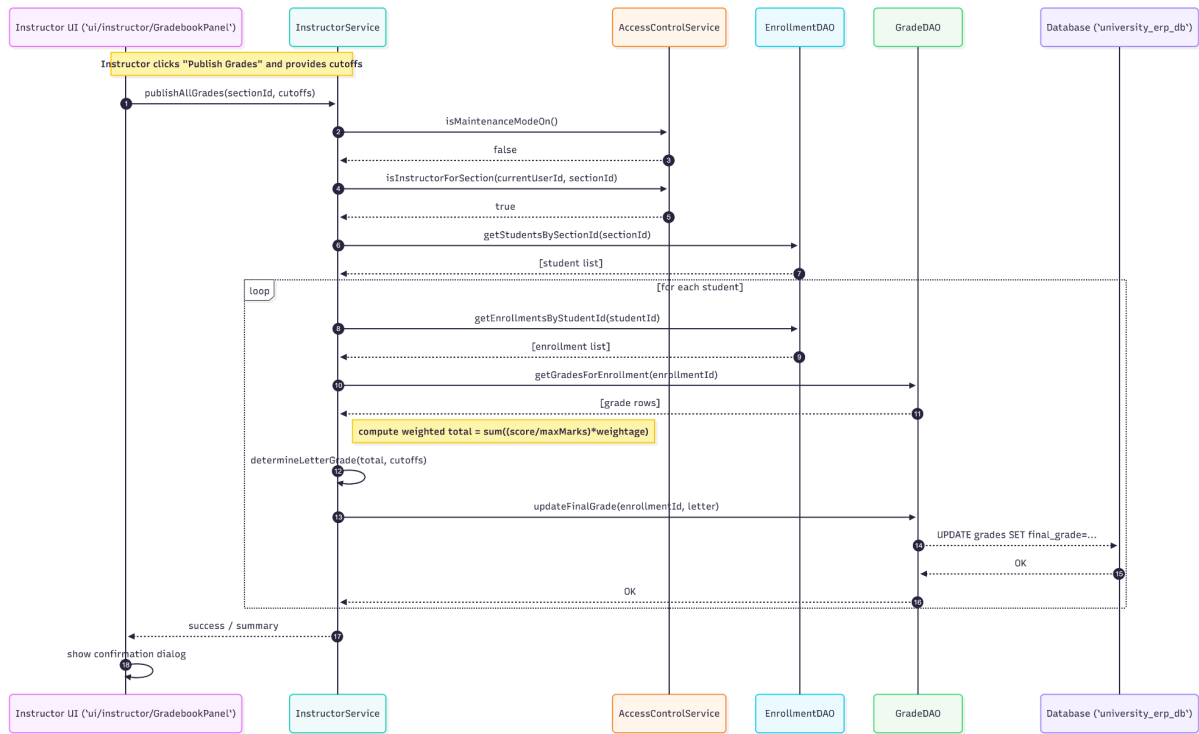
Figure 6. Sequence Flow: Instructor Publish All Grades

Figure 7. Sequence Flow: Admin Toggle Maintenance Mode

Admin UI → AdminService: setMaintenanceMode(true/false)
AdminService → SettingsDAO: setMaintenanceMode(value)
SettingsDAO → ERP DB: INSERT INTO settings (setting_key, setting_value) ...
ERP DB --> SettingsDAO: OK
SettingsDAO --> AdminService: OK
AdminService --> Admin UI: confirmation