

Three Use case lists for ERP

Student

1. Login to system
2. View course catalog
3. Register for a section
4. Drop a section (before deadline)
5. View timetable
6. View grades for enrolled courses
7. Download transcript (CSV/PDF)
8. Change password

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Instructor

1. Login to system
2. View own sections
3. View student roster for a section
4. Enter scores (quiz, midterm, final) for students
5. Compute final grades for a section
6. Export gradebook (CSV)
7. View class statistics (average, distribution)
8. Change password

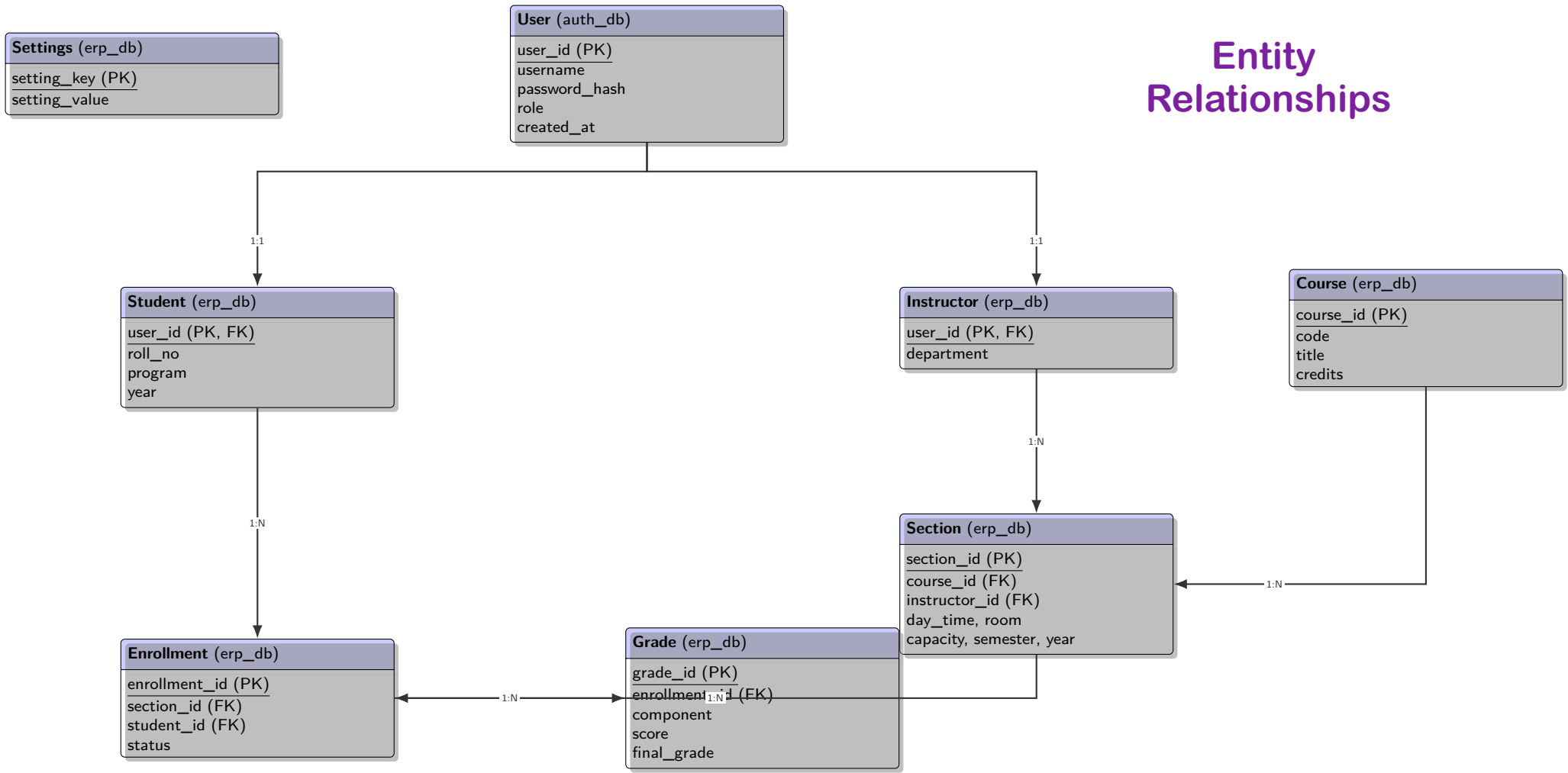
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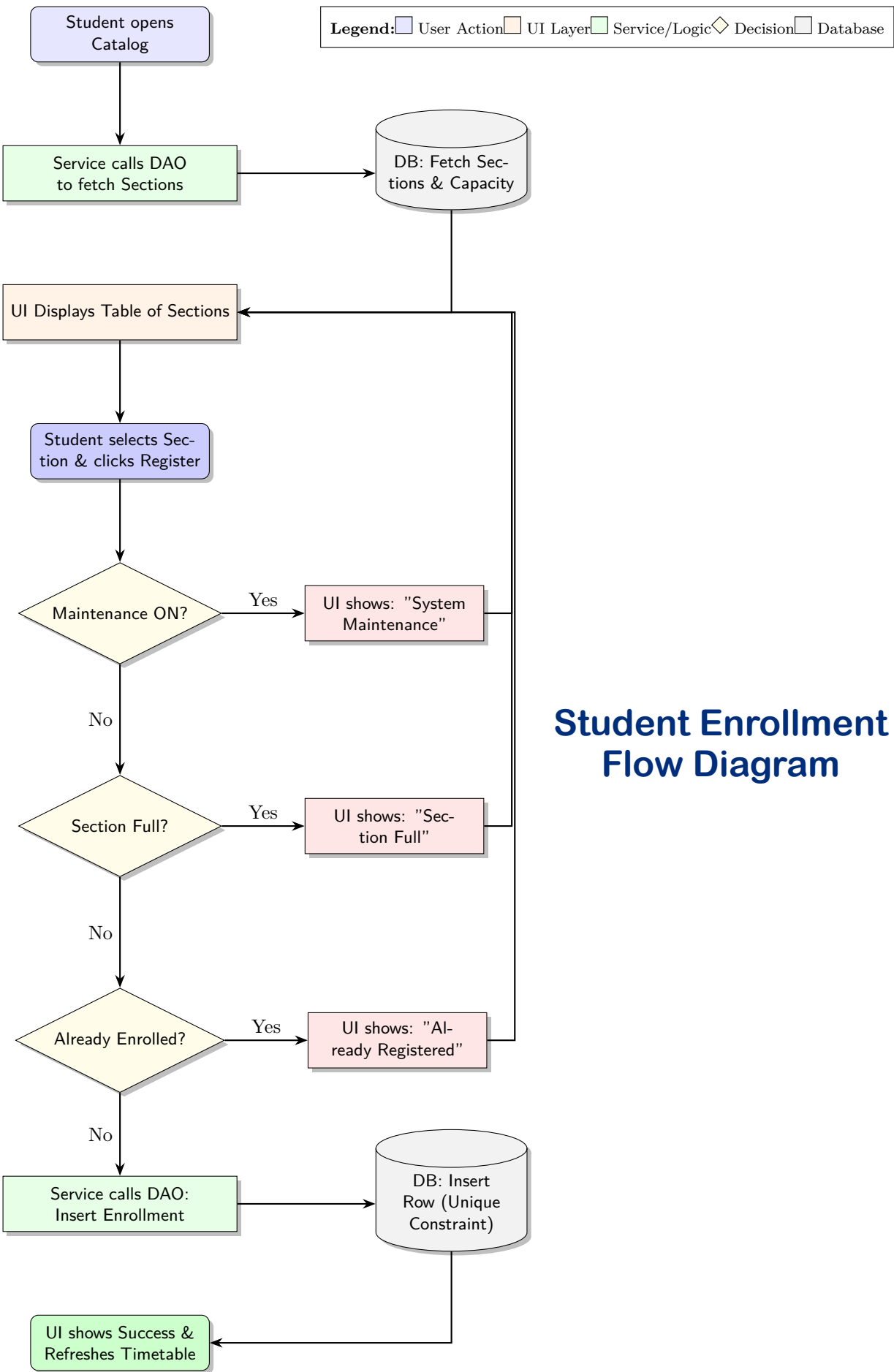
Admin

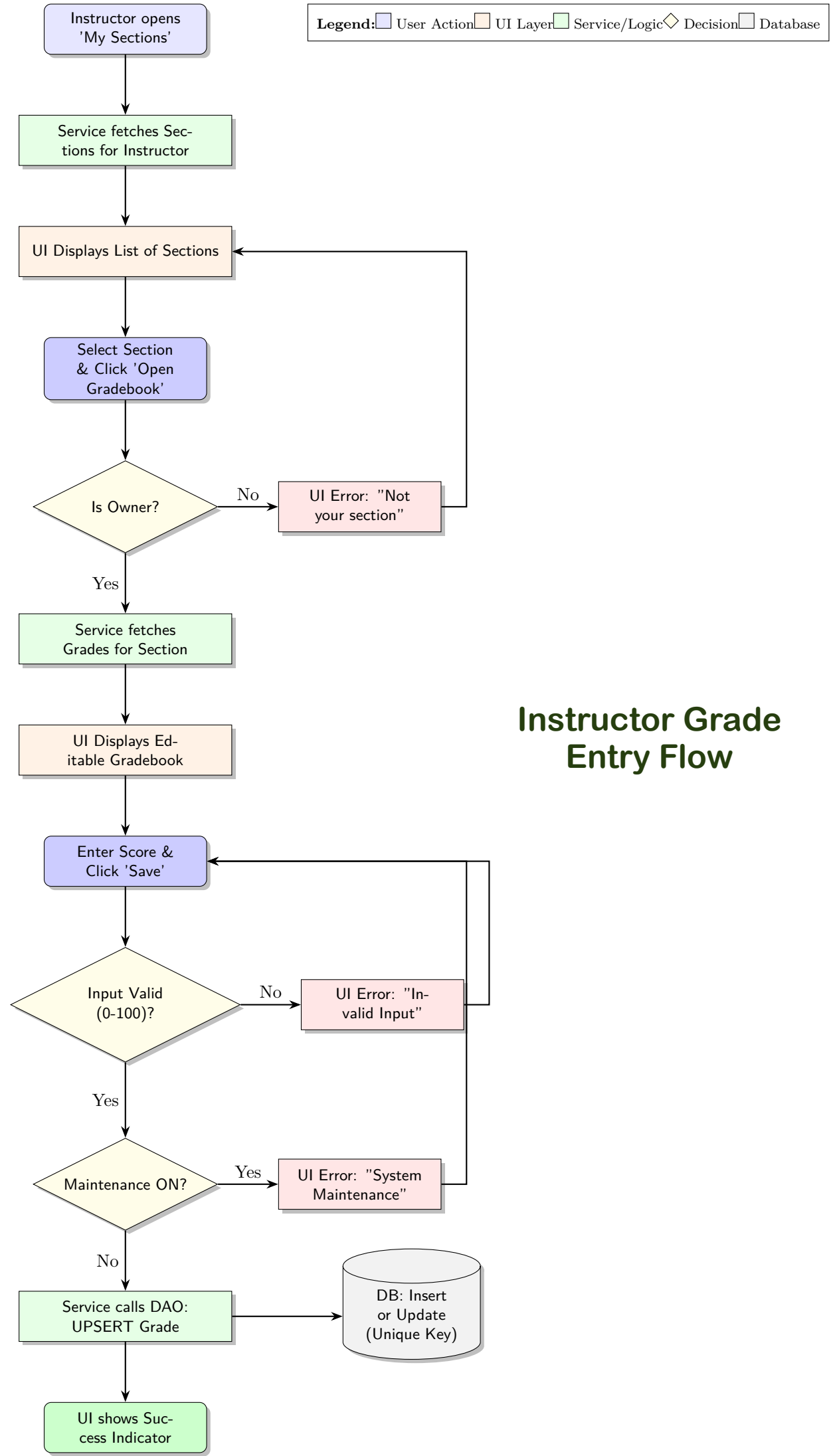
1. Login to system
2. Create new user (student/instructor/admin)
3. Create course
4. Create section and assign instructor
5. Assign instructor to unassigned sections
6. Toggle maintenance mode (ON/OFF)
7. Backup database (bonus)
8. Restore database (bonus)
9. Change password

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Entity Relationships



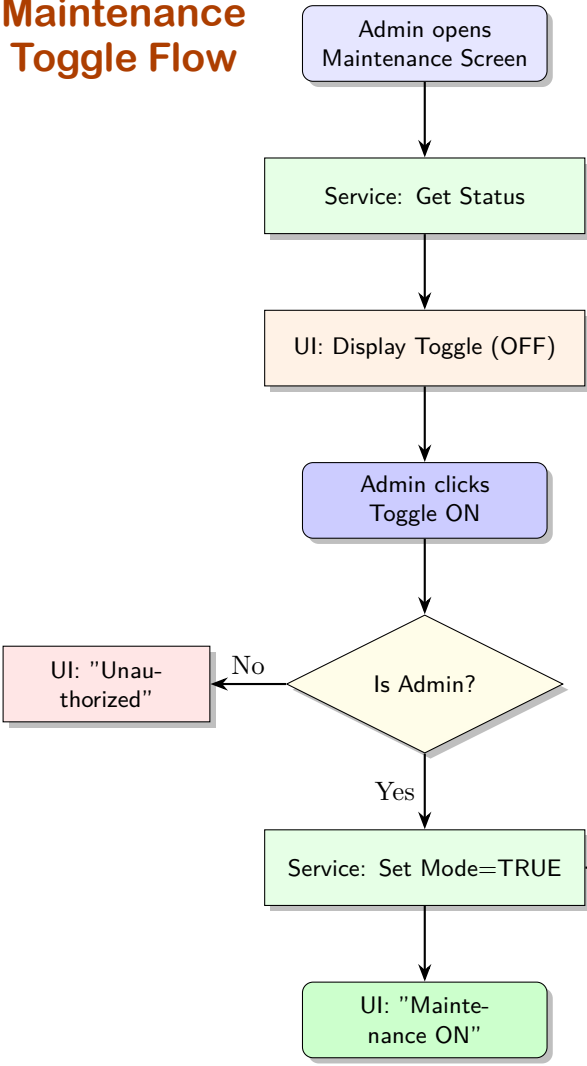




Instructor Grade Entry Flow

Admin Maintenance Toggle Flow

Admin Action



Legend: [User Action] [UI Layer] [Service/Logic] [Decision] [Database]

Concurrent User Sessions

