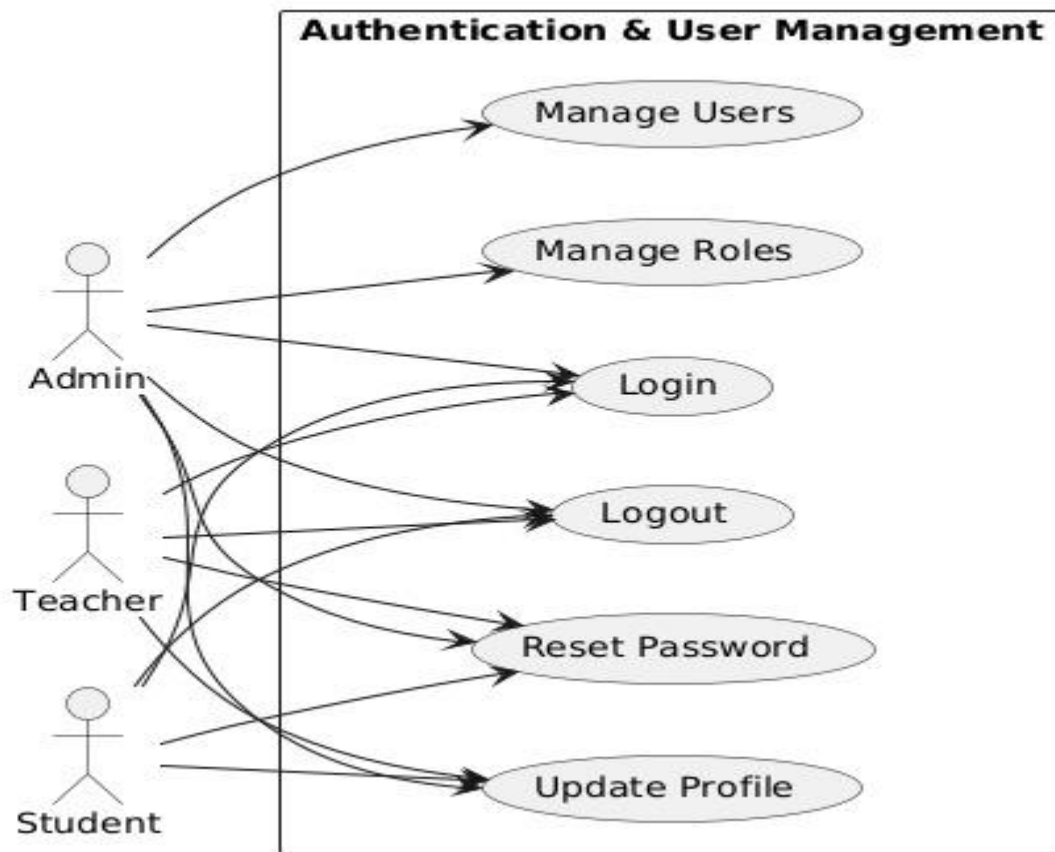


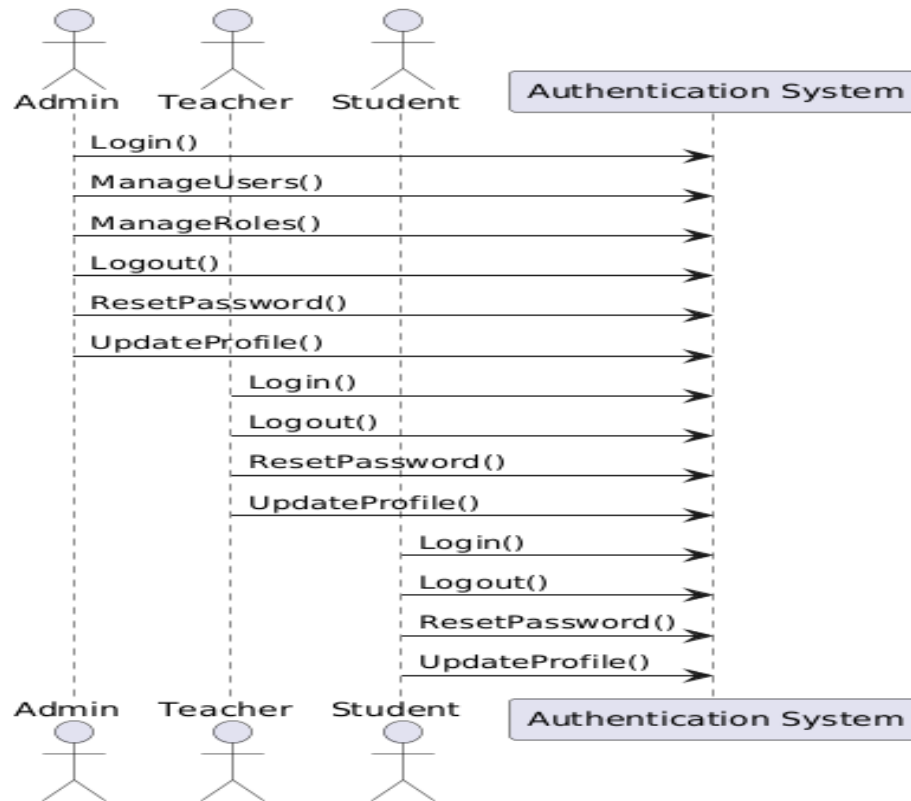
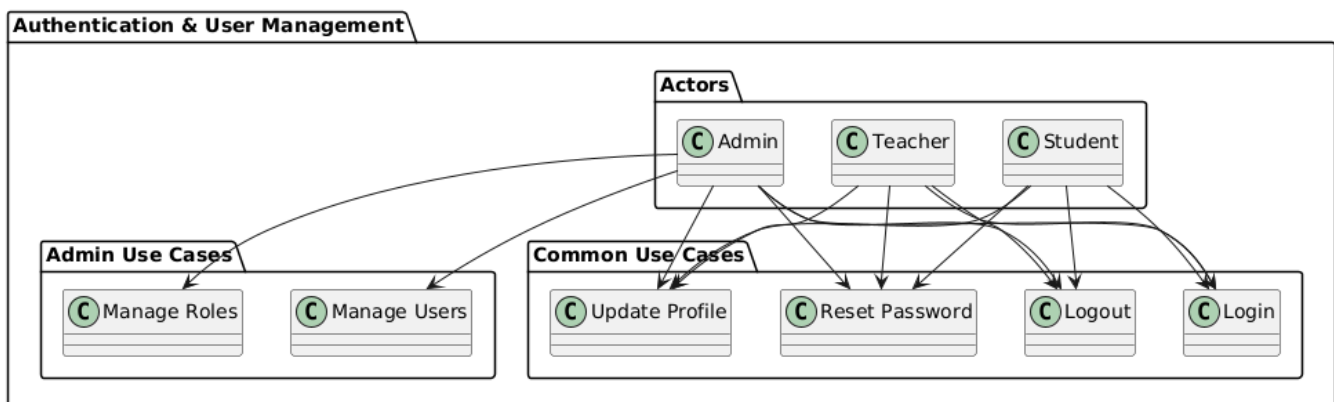
Chapter 1: Use Case Diagram

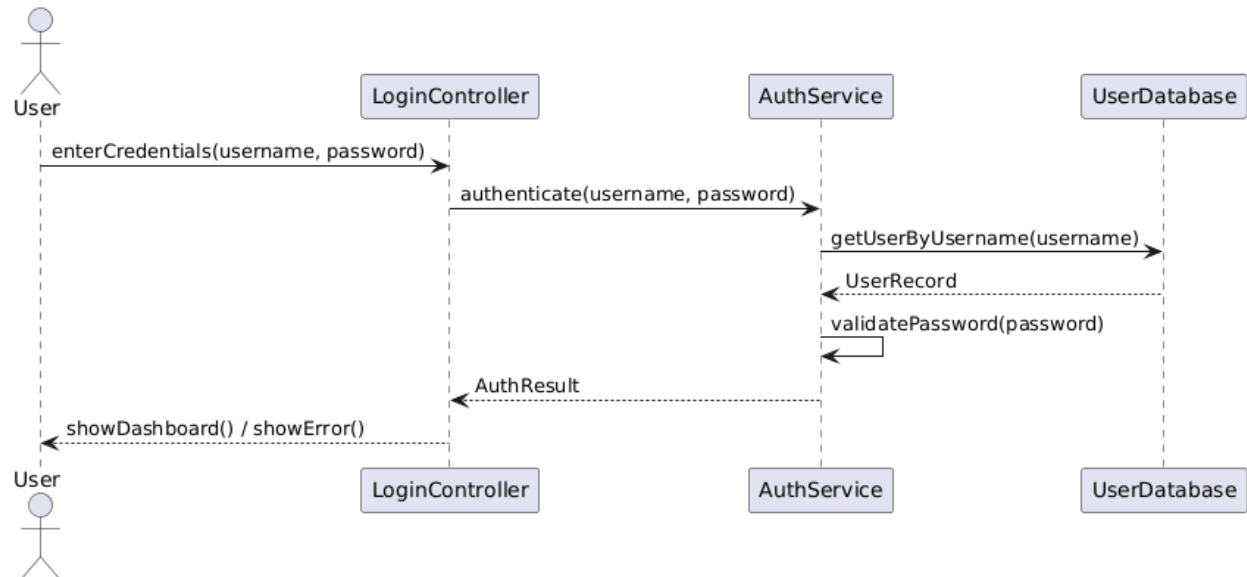


Chapter 2: Fully Dressed Use Cases

Use Case Section Details

Use Case Name	Login
Scope	Authentication & User Management System
Level	User-goal
Primary Actor	Admin, Teacher, Student
Stakeholders and Interests	- Users: Want to securely access the system. - System Owner: Wants only authorized users to access the system.
Preconditions	- User must have a valid username and password. - System must be online and accessible.
Success Guarantee	User is authenticated and redirected to their respective dashboard.
Main Success Scenario	1. User navigates to the login page. 2. User enters username and password. 3. System validates credentials. 4. System logs the user in. 5. User is redirected to their dashboard.
Extensions	3a. Invalid credentials: 3a1. System displays error message. 3a2. User retries or resets password. 4a. System unavailable: 4a1. Display maintenance message or error.
Special Requirements	- Must comply with password policy (e.g., complexity). - Must complete within 3 seconds. - Audit login attempts. - Support for CAPTCHA after multiple failed attempts.

Chapter 3: SSDs**Chapter 4: Package diagram**

Chapter 5: Sequence diagram**Chapter 6: Class Diagram**