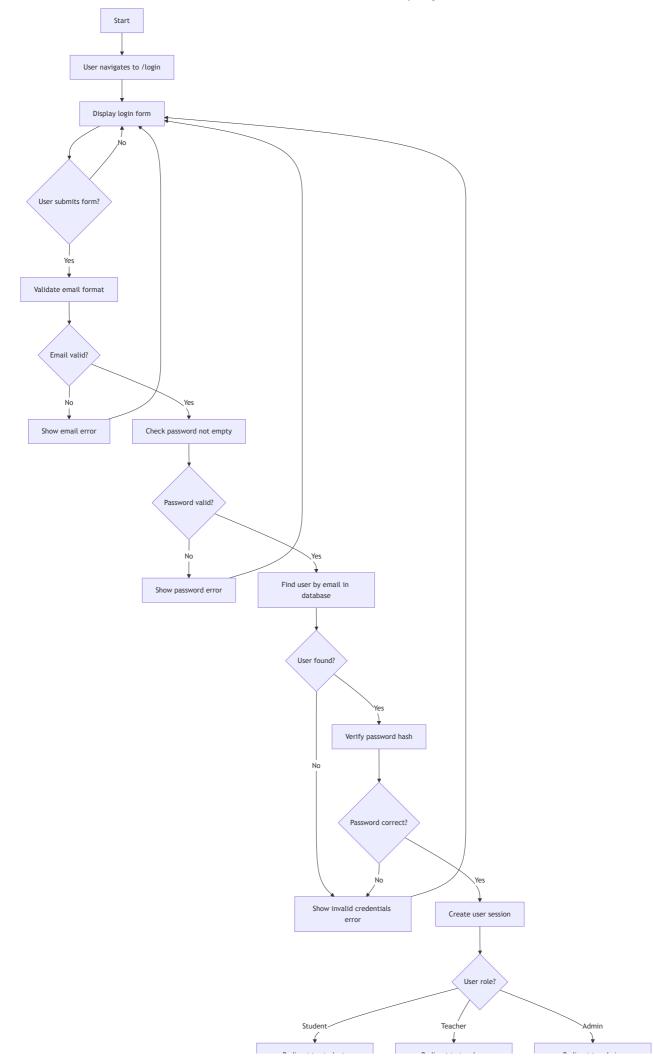
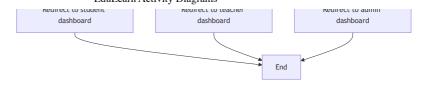
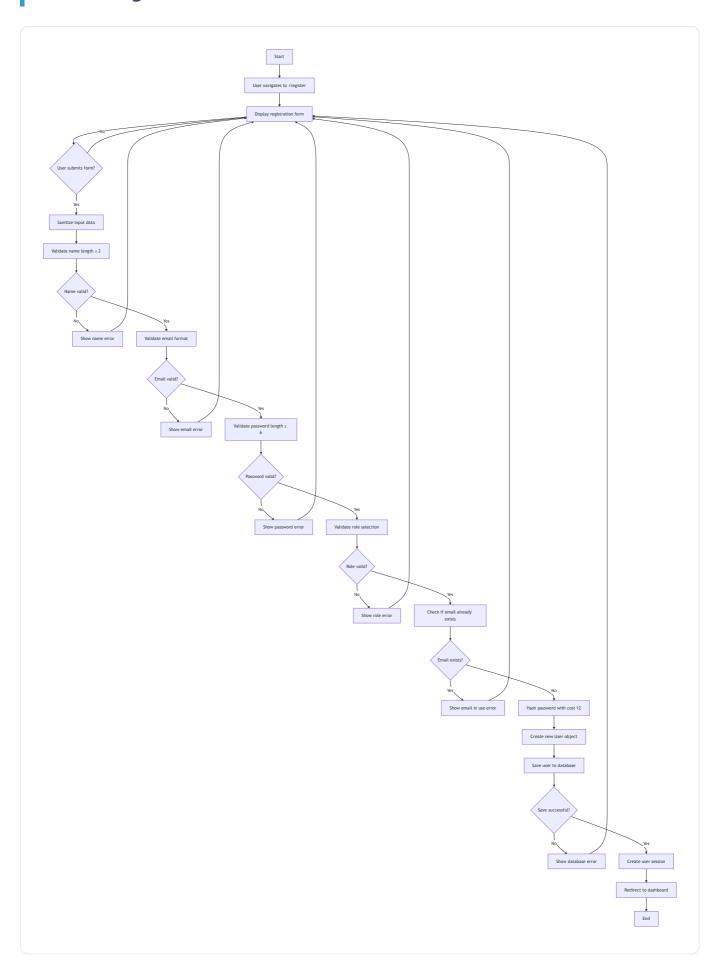
# **EduLearn Activity Diagrams**

# 1. User Login Process

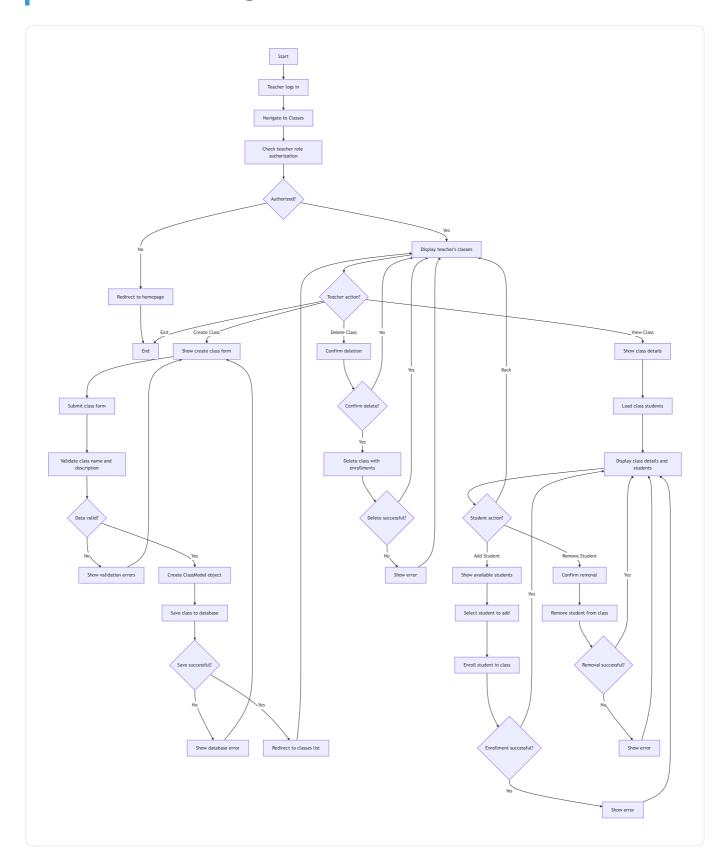




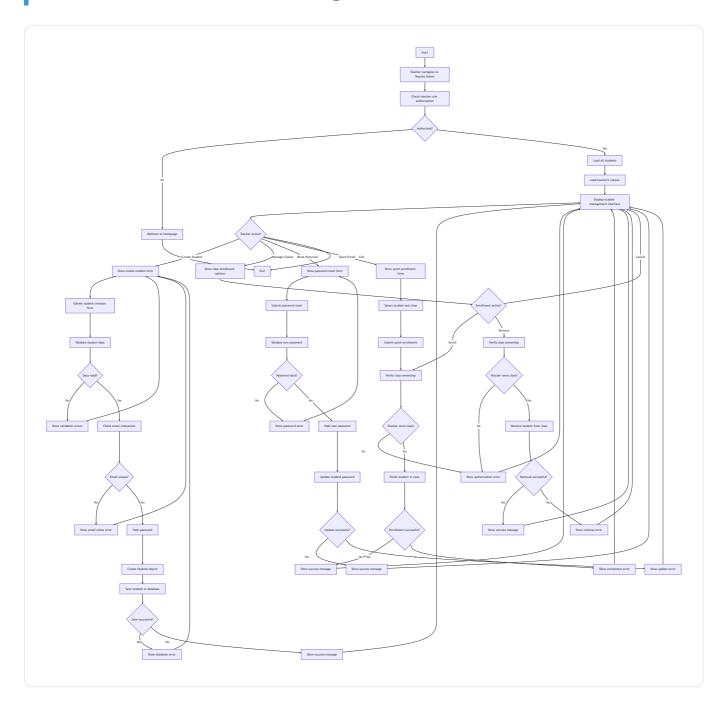
# 2. User Registration Process



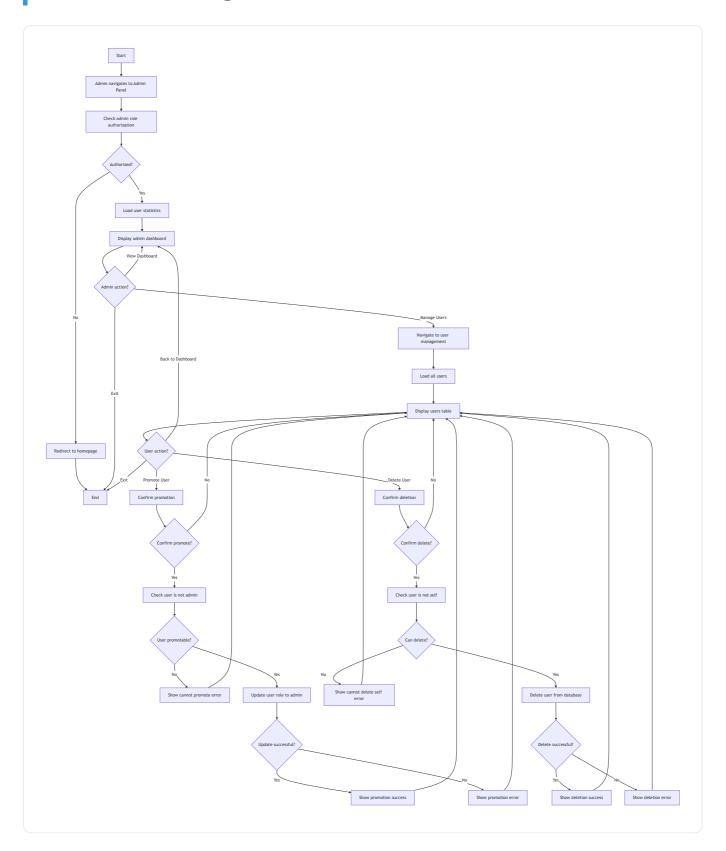
### 3. Teacher Class Management Process



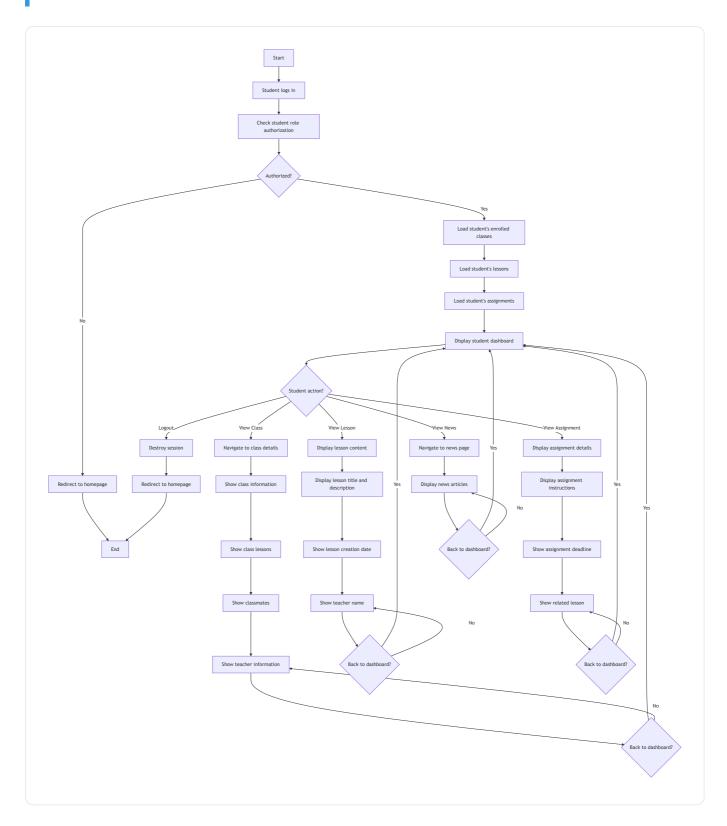
# 4. Teacher Admin Student Management Process



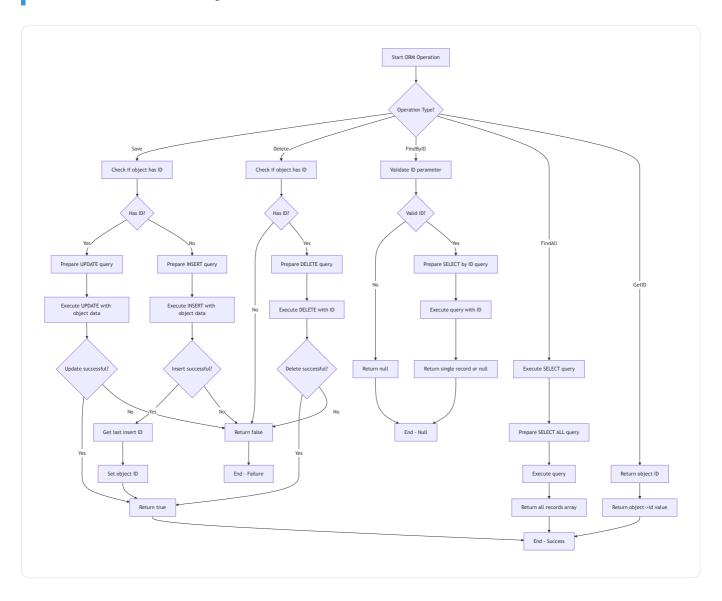
### **5. Admin User Management Process**



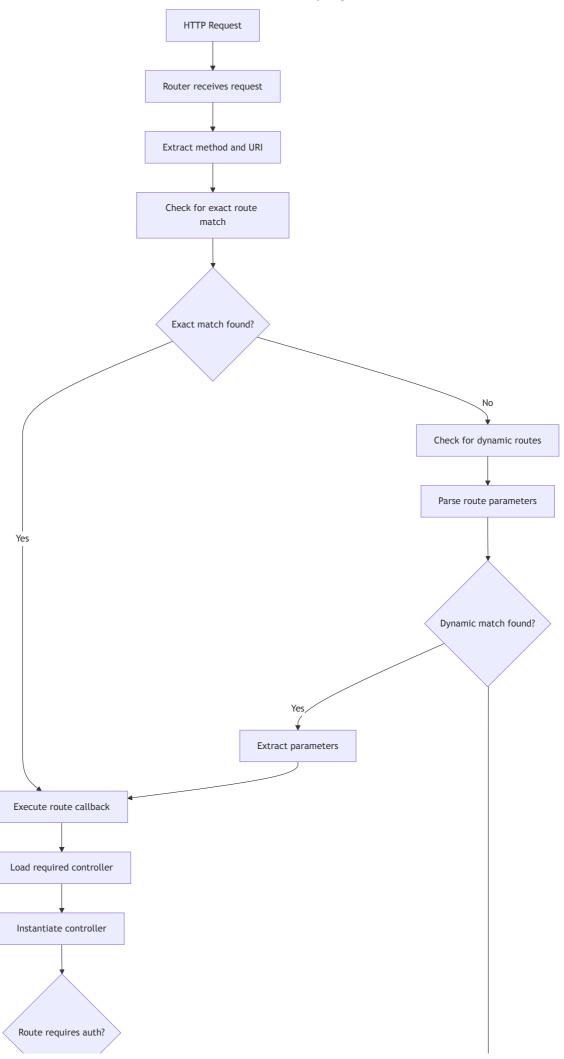
### **6. Student Dashboard Process**

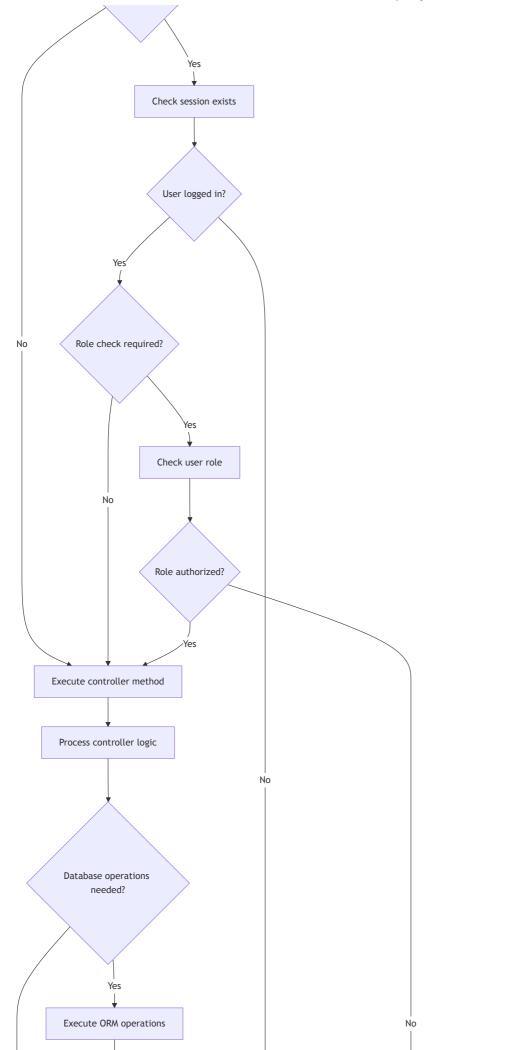


### 7. Database ORM Operations Process



# 8. Route Processing and Authentication Flow





No

#### Summary

Operations successful?

These activity diagrams show the main processes in the EduLearn system:

- **User Login Process** Shows authentication flow with validation
- User Registration Process Shows account creation with validation

• Teacher Class Management - Shows how teachers manage classes and students

- Teacher Admin Student Management Shows teacher's student administration features
- Admin User Management Shows admin's user management capabilities
- Student Dashboard Process Shows student's interaction with the system
- Database ORM Operations Shows how the ORM handles CRUD operations show error message
- Route Processing and Authentication Shows the routing and security flow

