



# CollegeX: E-Learning Platform

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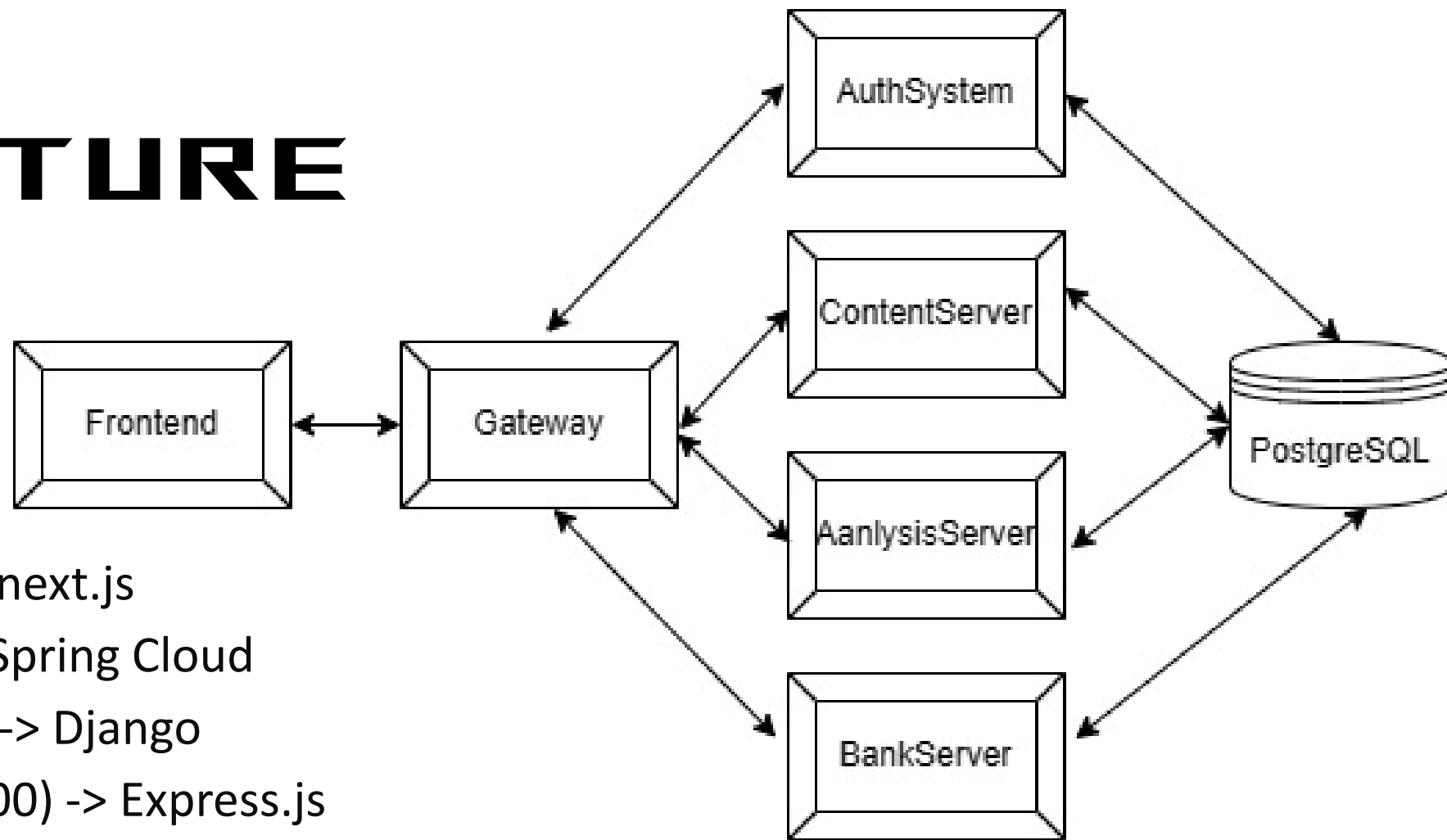
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# OUTLINE

- Project Structure
- Features
- Class Diagram
- Use Case Diagrams for Typical Features
- Sequence Diagrams for Typical Features
- Demo

# STRUCTURE

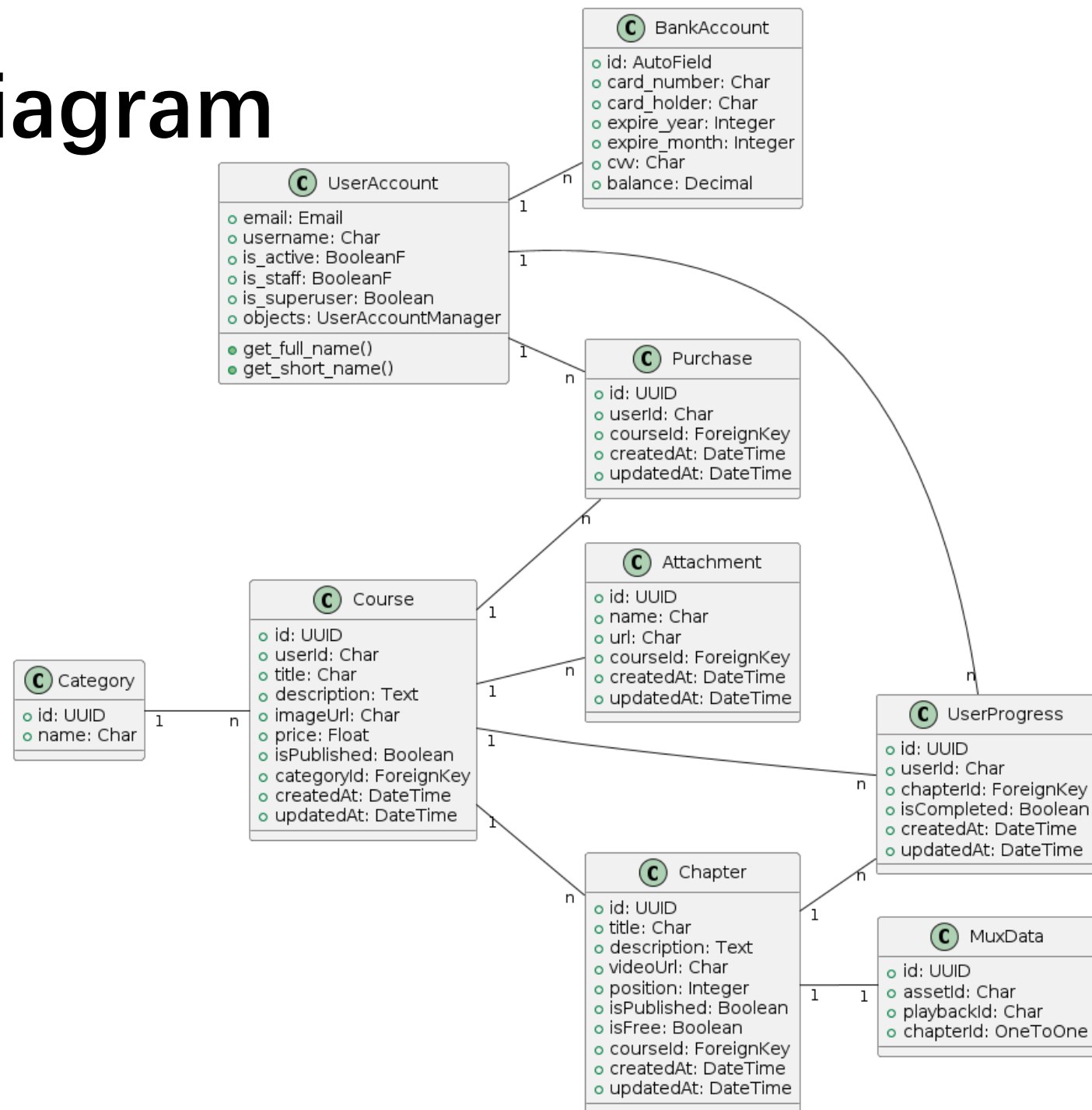


- Frontend (3000) -> next.js
- Gateway (8080) -> Spring Cloud
- Auth Server (8000) -> Django
- Content Server (4000) -> Express.js
- Analysis Server (2345) -> Django
- Bank Server (8888) -> Express.js
- Database (5432) -> PostgreSQL

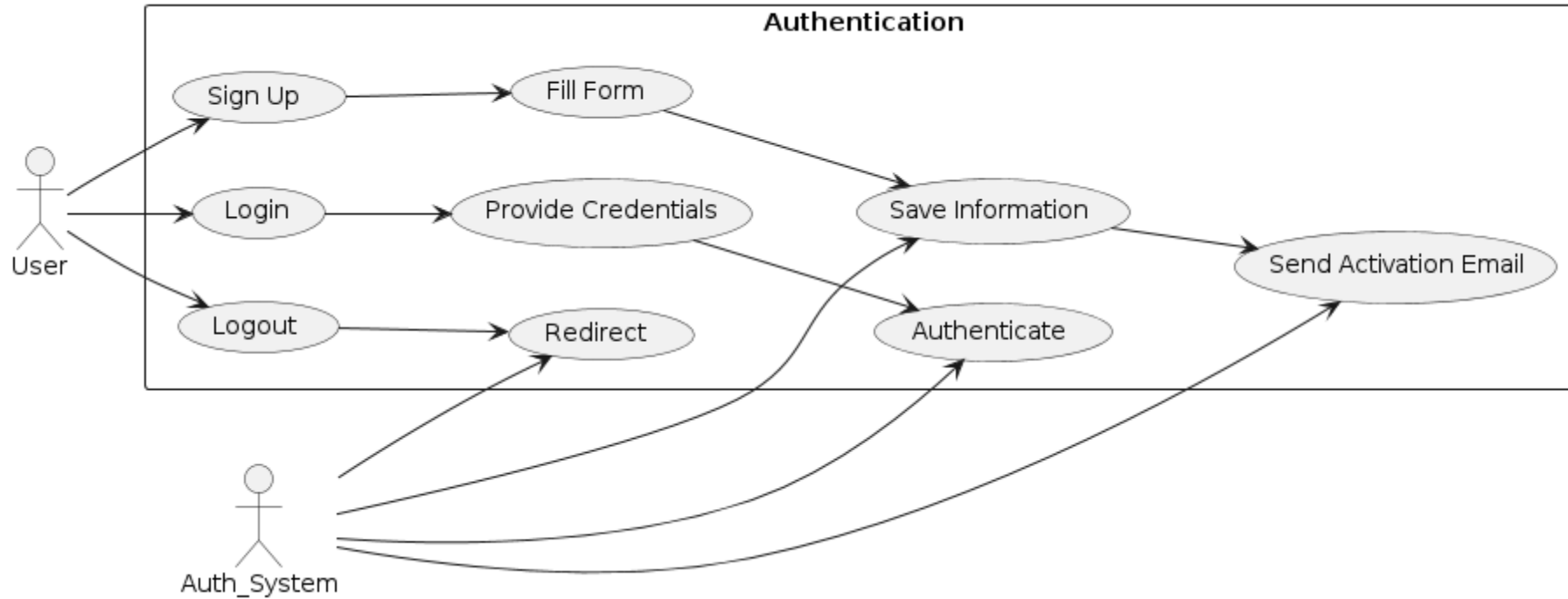
# FEATURES

- Authentication
- Course CRUD
- Search and Filter
- Enroll Courses
- Study Courses
- Check Sell Data

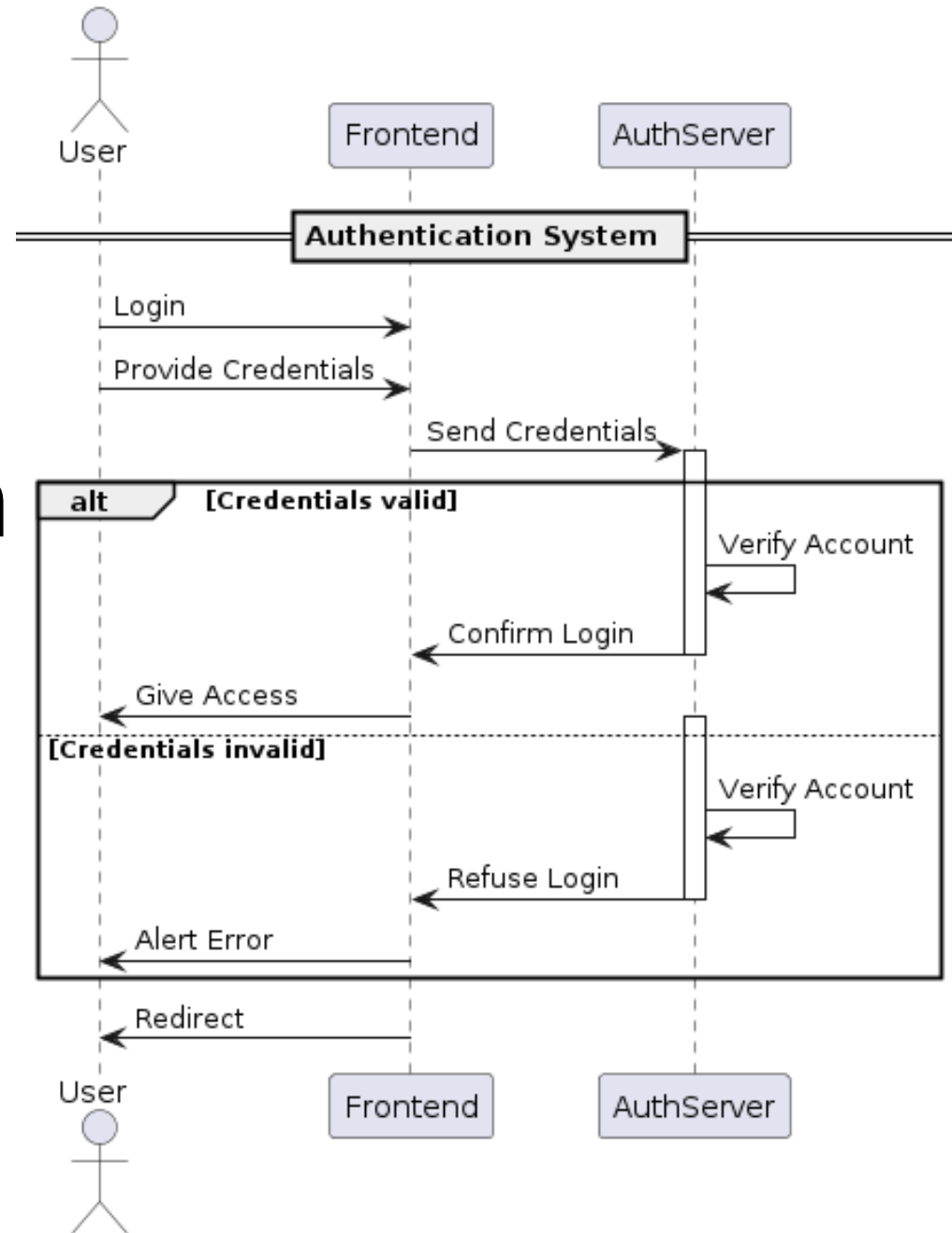
# Class Diagram



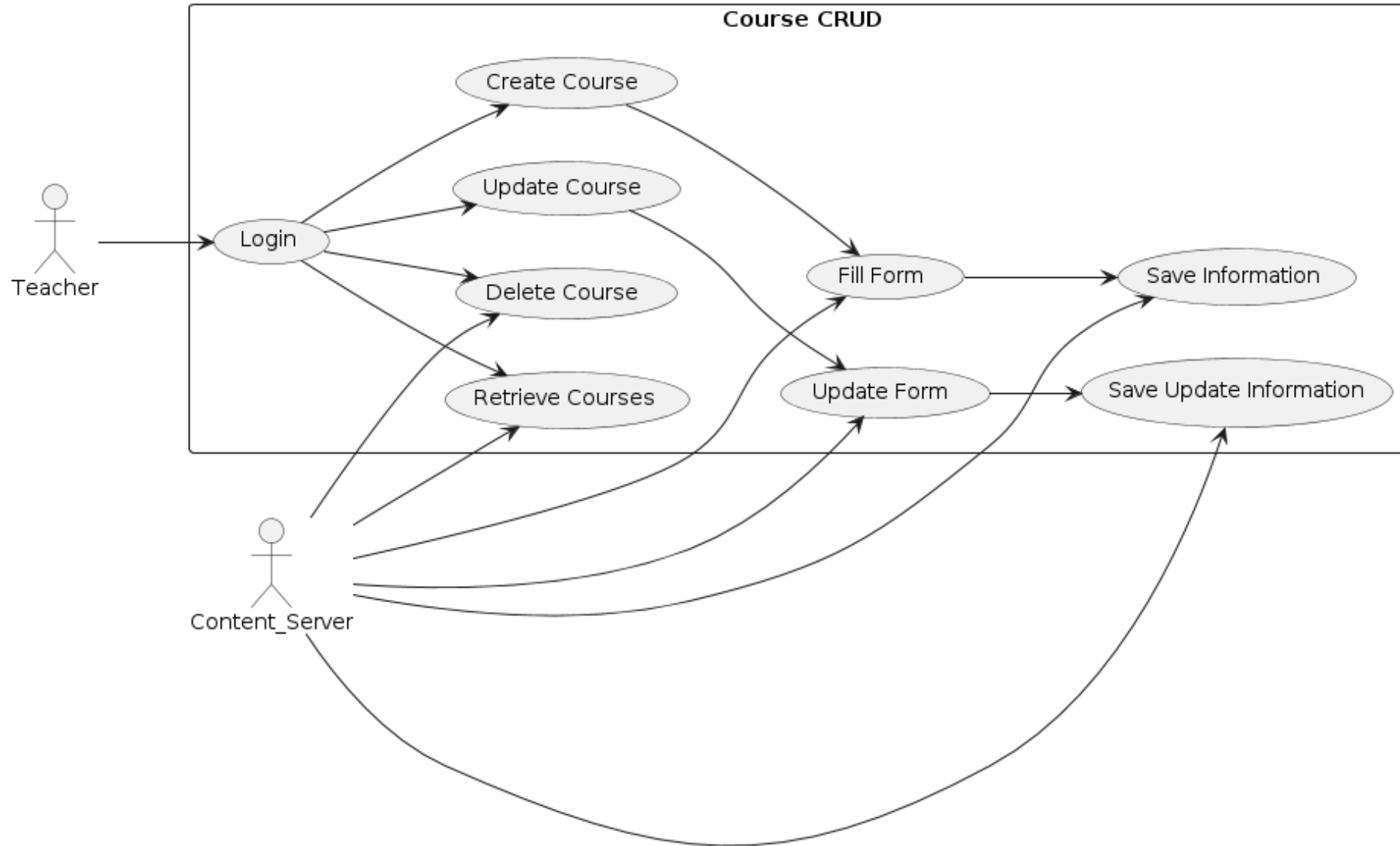
# Authentication Use Case Diagram



# Authentication Sequence Diagram

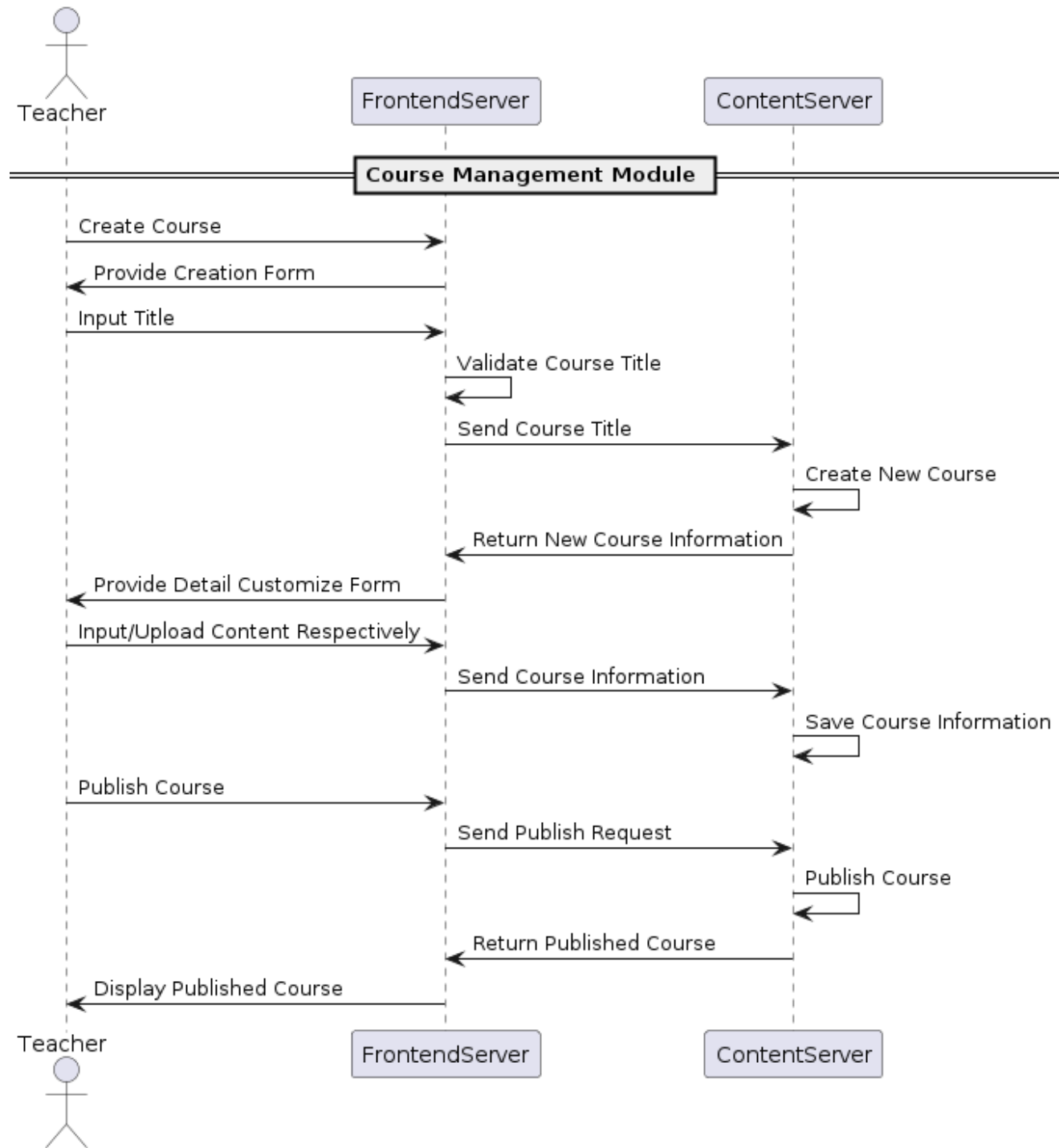


# Course CRUD Use Case Diagram

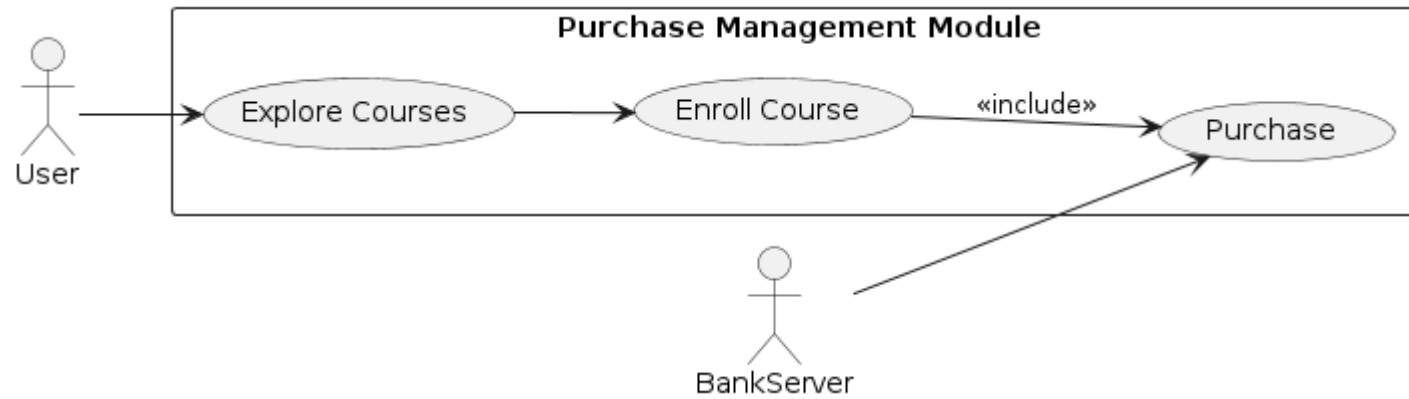




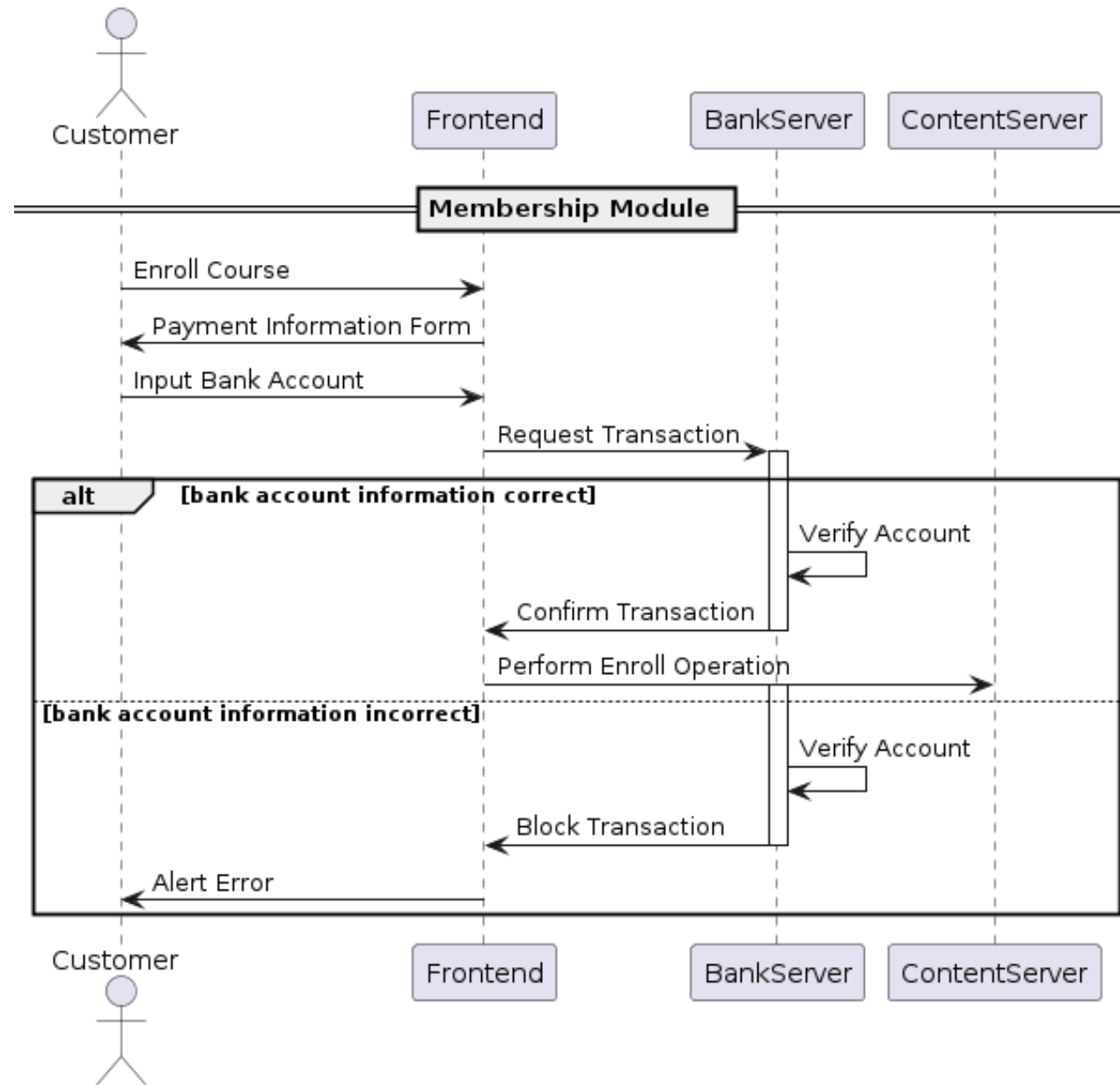
# Course CRUD Sequence Diagram



# Purchase Use Case Diagram



# Purchase Sequence Diagram



A thin vertical green line is positioned on the left side of the slide. The bottom of the slide features several overlapping, semi-transparent wavy shapes in shades of blue, green, and grey.

# LET'S GO TO DEMO

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## THANK YOU

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