

mu compass

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Agenda

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2. Competitors
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Introduction

what is our project about?

- University life can be exciting, but it often comes with its own set of challenges. From finding the right classroom on a sprawling campus to staying updated on events and organizing your academic schedule, students often juggle multiple tools and resources to stay on track.
- Introducing MU Compass, a one-stop mobile solution designed to make life at Mansoura University simpler, more organized, and more enjoyable. Our app is tailored to bridge gaps in communication, organization, and collaboration, empowering students to focus on what matters most—learning, engaging, and thriving.

Introduction

Why we are creating this app?

Students often face these problems:

1. Difficulty Staying Updated:
Missing out on campus events, announcements, or news due to scattered communication channels.
2. Disorganization in Daily Life:
Struggling to manage class schedules, assignments, and deadlines efficiently.
Difficulty finding study groups or partners for collaborative learning.

3. Navigating Campus:
New students or visitors often feel lost on campus. Lack of a unified campus map with directions to facilities, classrooms and services.
4. Lost Opportunities for Interaction:
Lack of a central hub for students to discover peers with similar interests (study groups, clubs, etc.).

Introduction

Our Solution:

- Centralizing information (events, schedules, maps) into a single platform.
- Creating opportunities for connection (study groups, event RSVPs, community features).
- Providing practical tools like reminders, notifications, and interactive maps.

Introduction

Key Problems the App Solves

1. Efficient Event Management:

Stay informed about all campus activities, with the ability to RSVP and get reminders.

2. Organized Academic Life:

A course schedule manager ensures students never miss classes, exams, or deadlines.

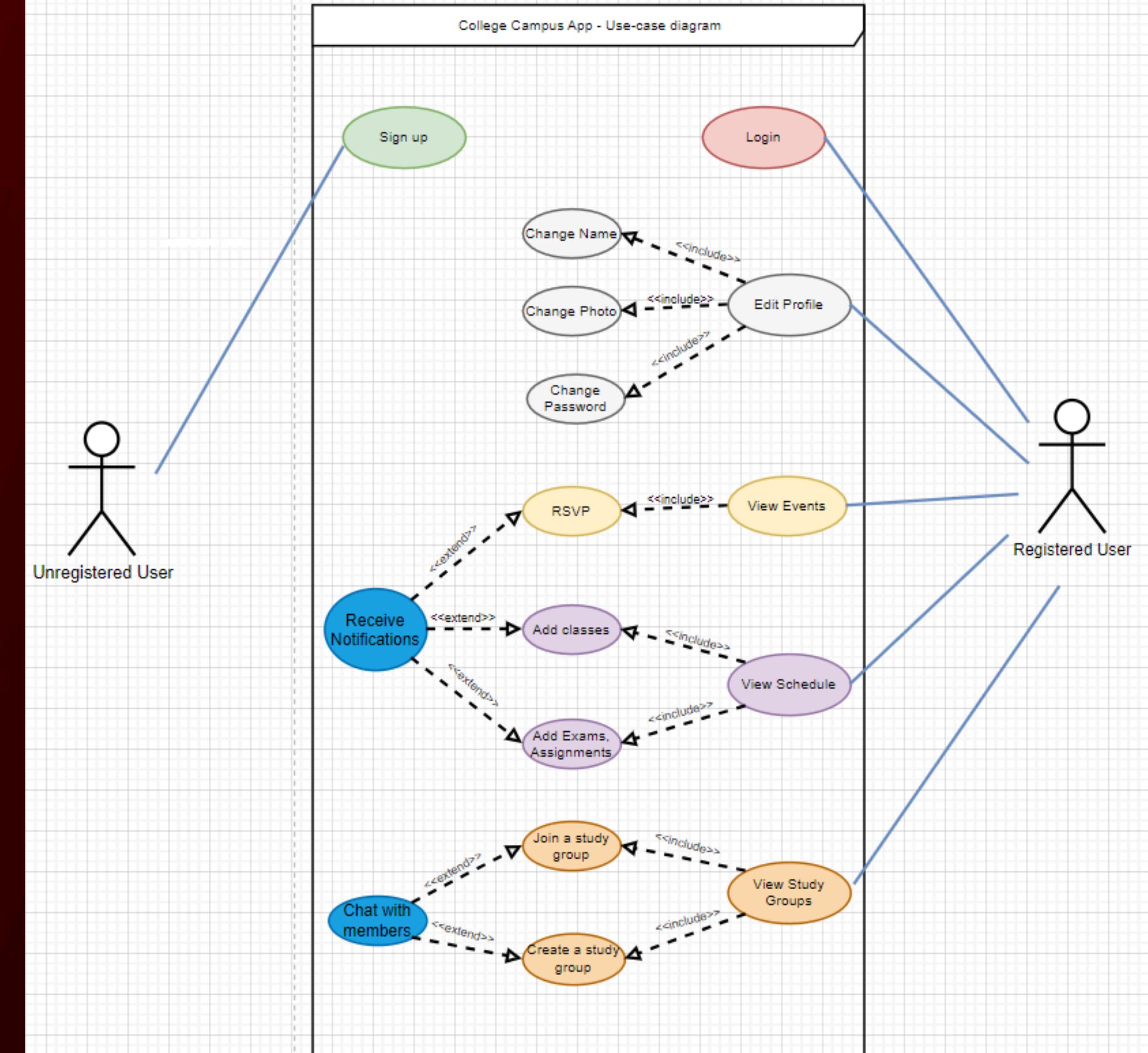
3. Study Group Finder:

Connect students for collaborative learning, boosting academic performance and social interaction.

competitors

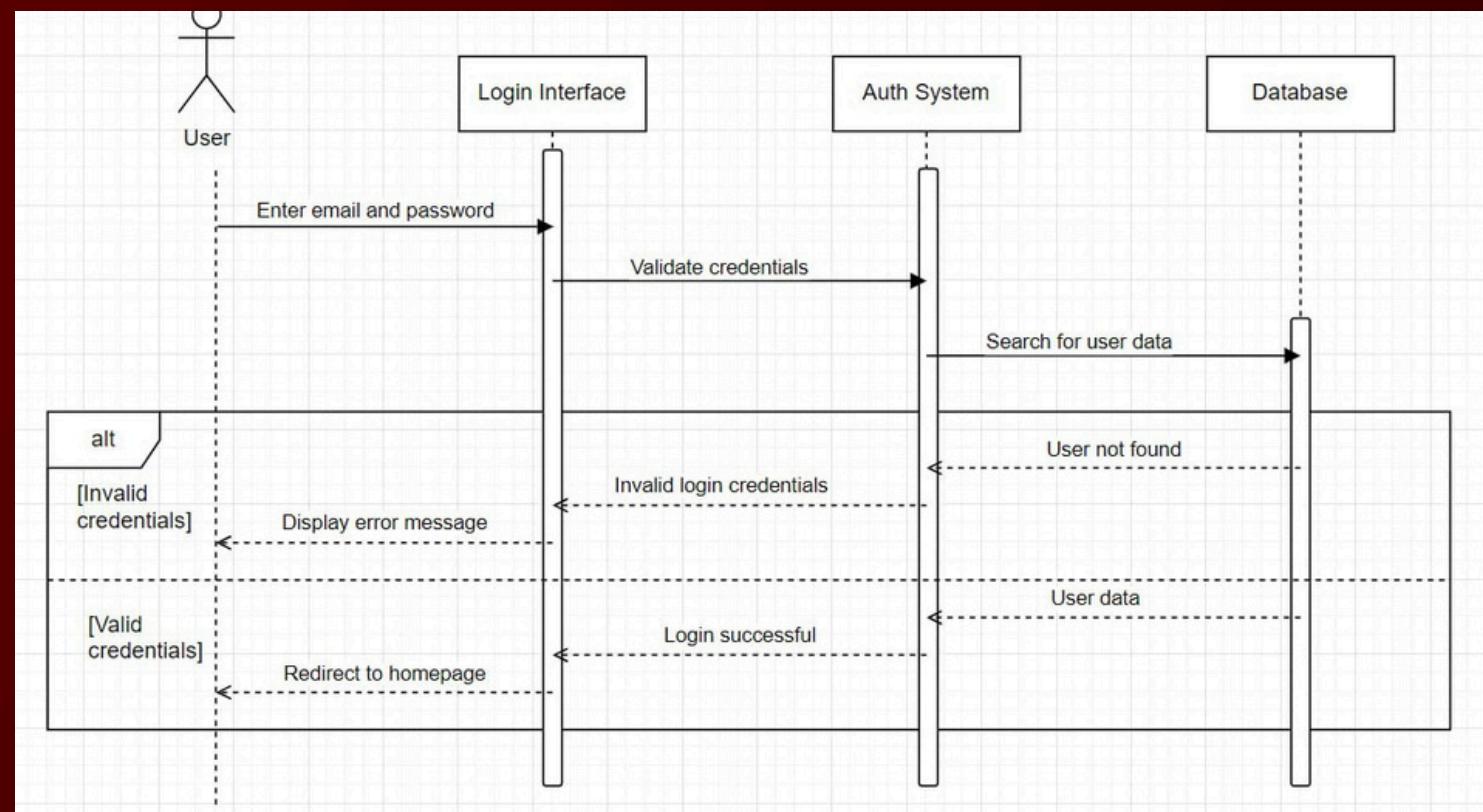
This Application is the first of its own, there is no currently any application that exists with the same idea 😊.

usecase

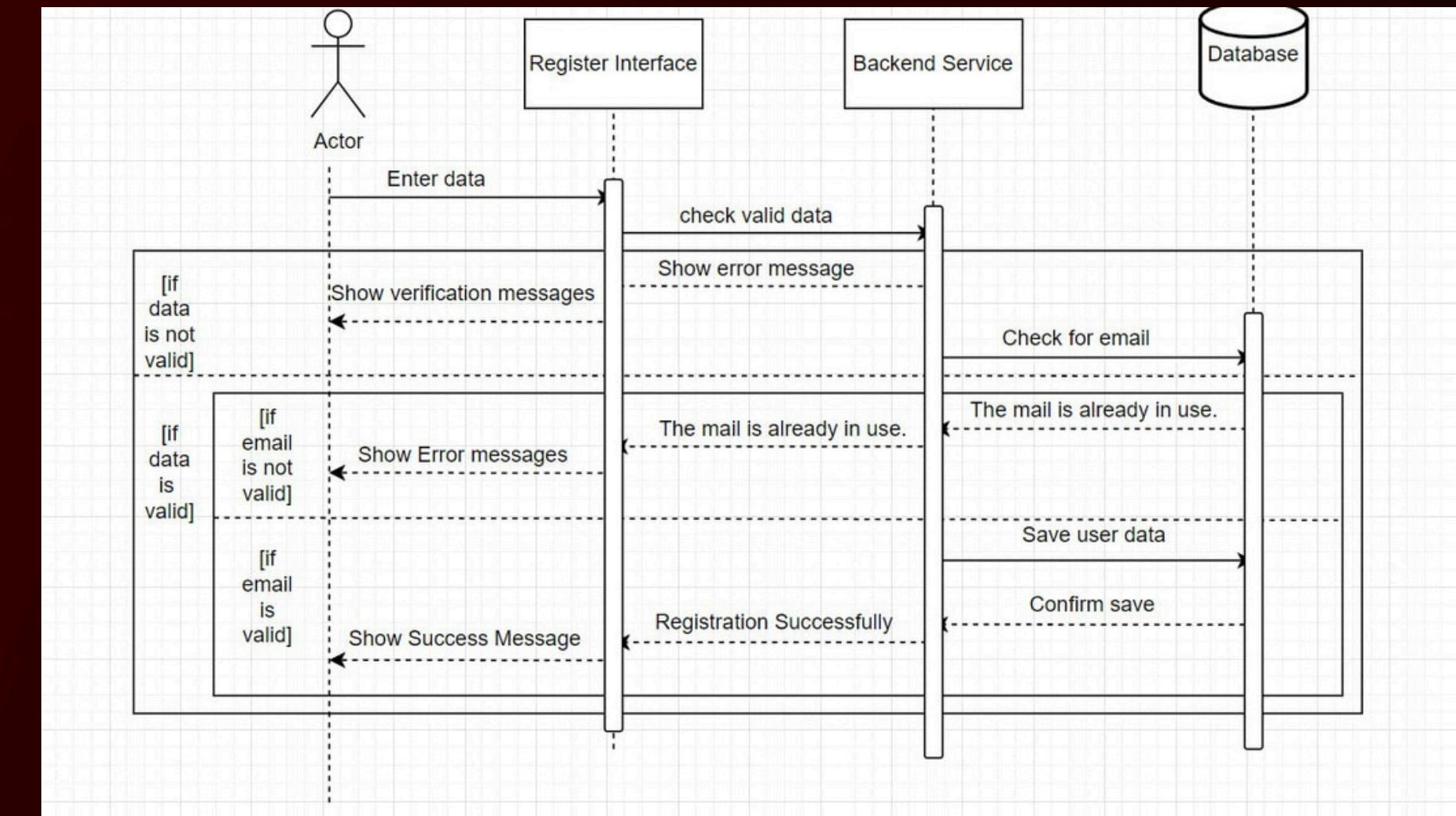


Sequence Diagram

Login

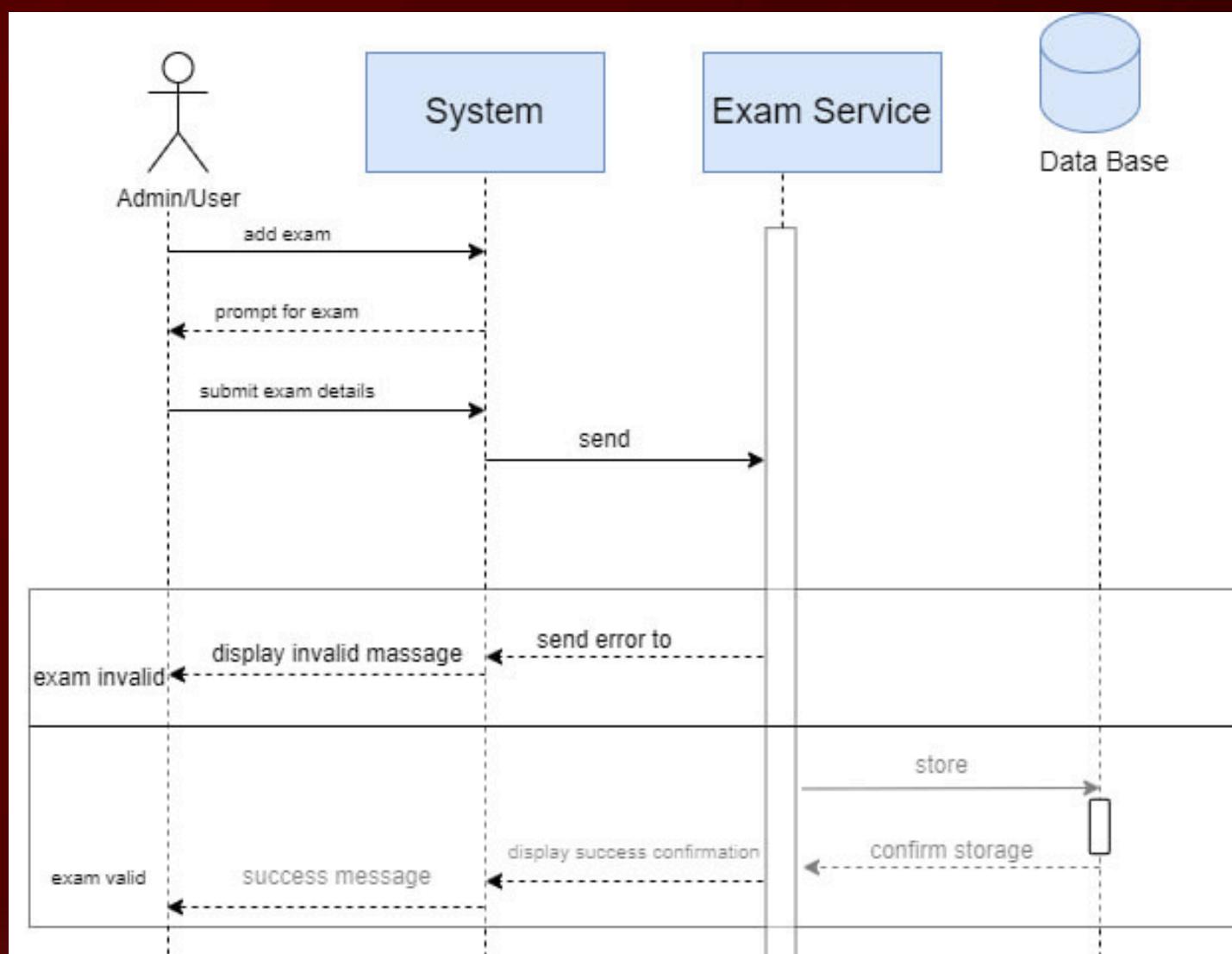


Registration

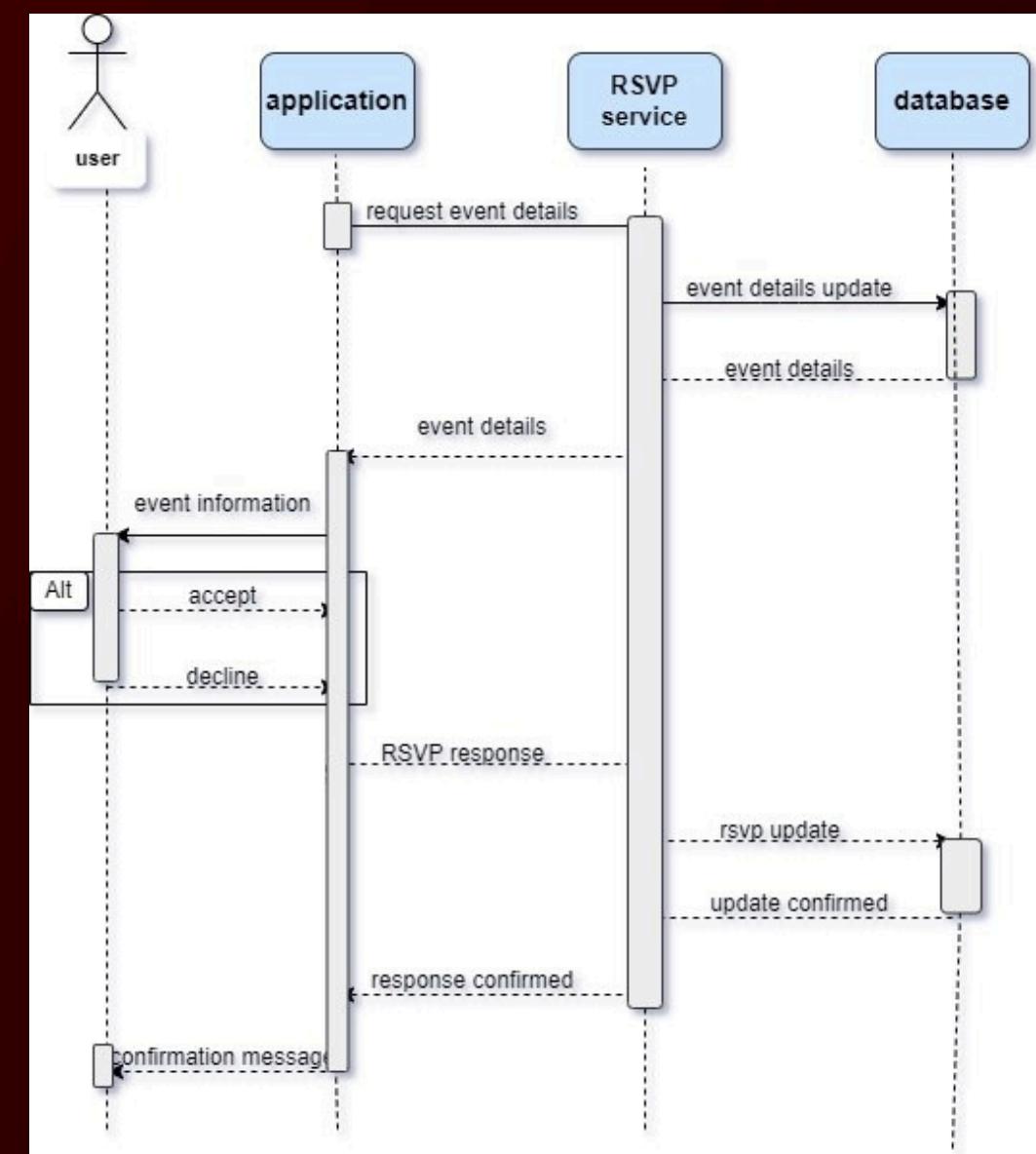


Sequence Diagram

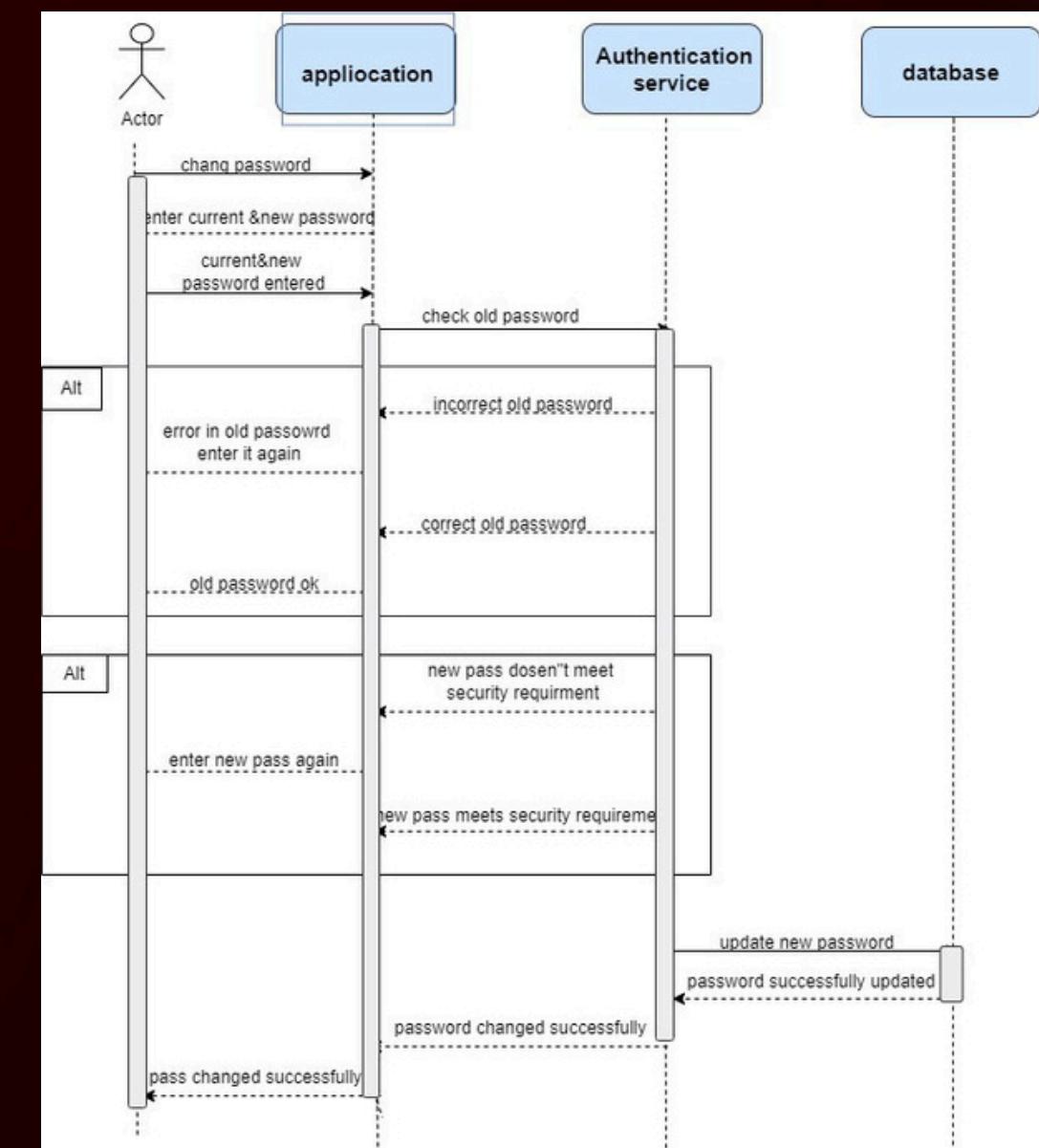
Add Exam



RSVP

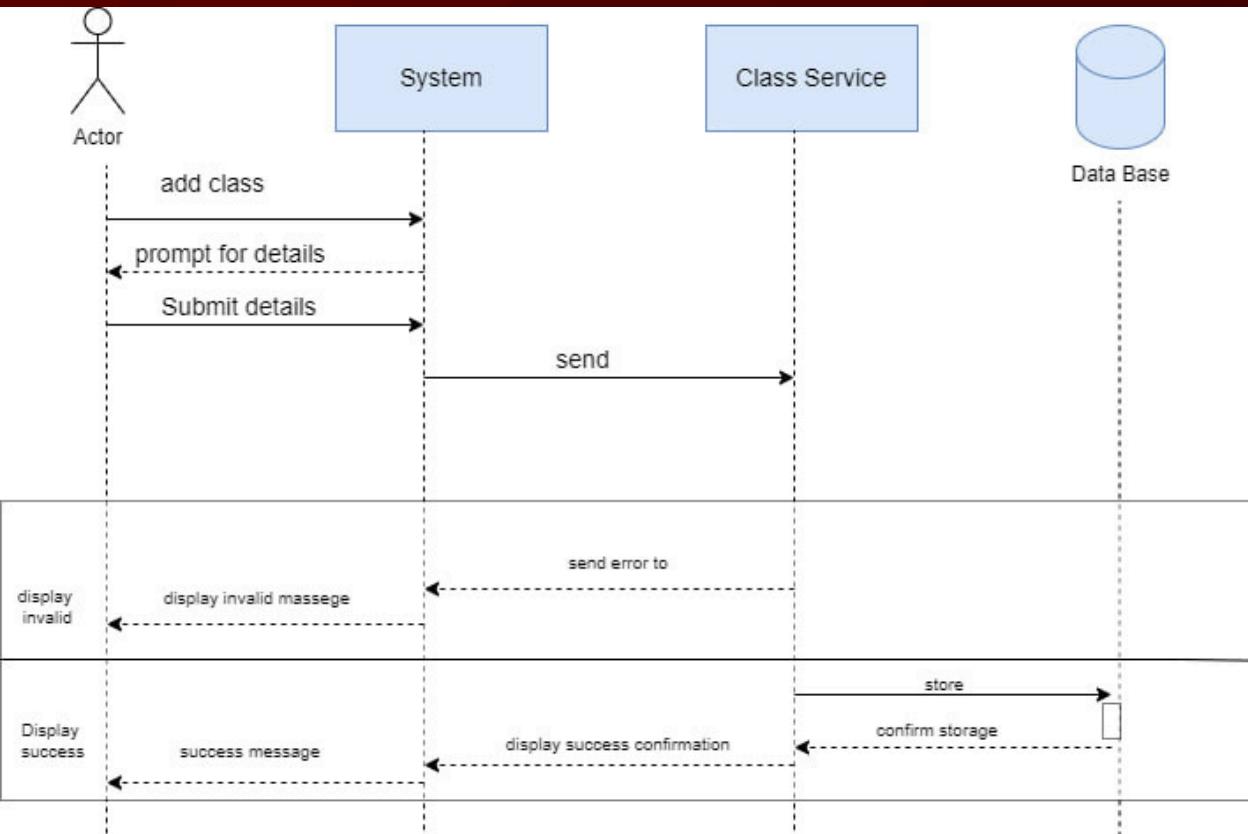


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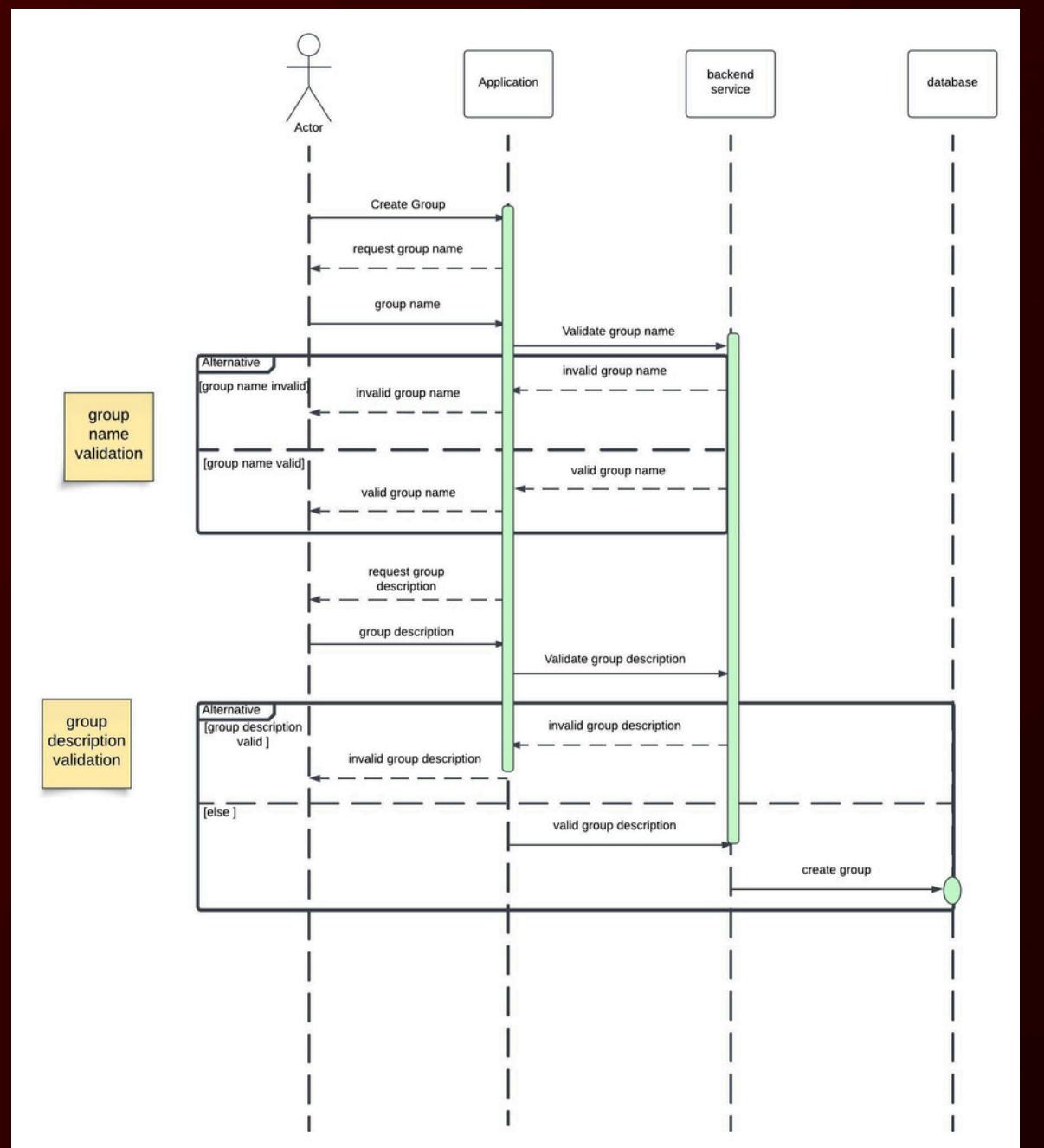


Sequence Diagram

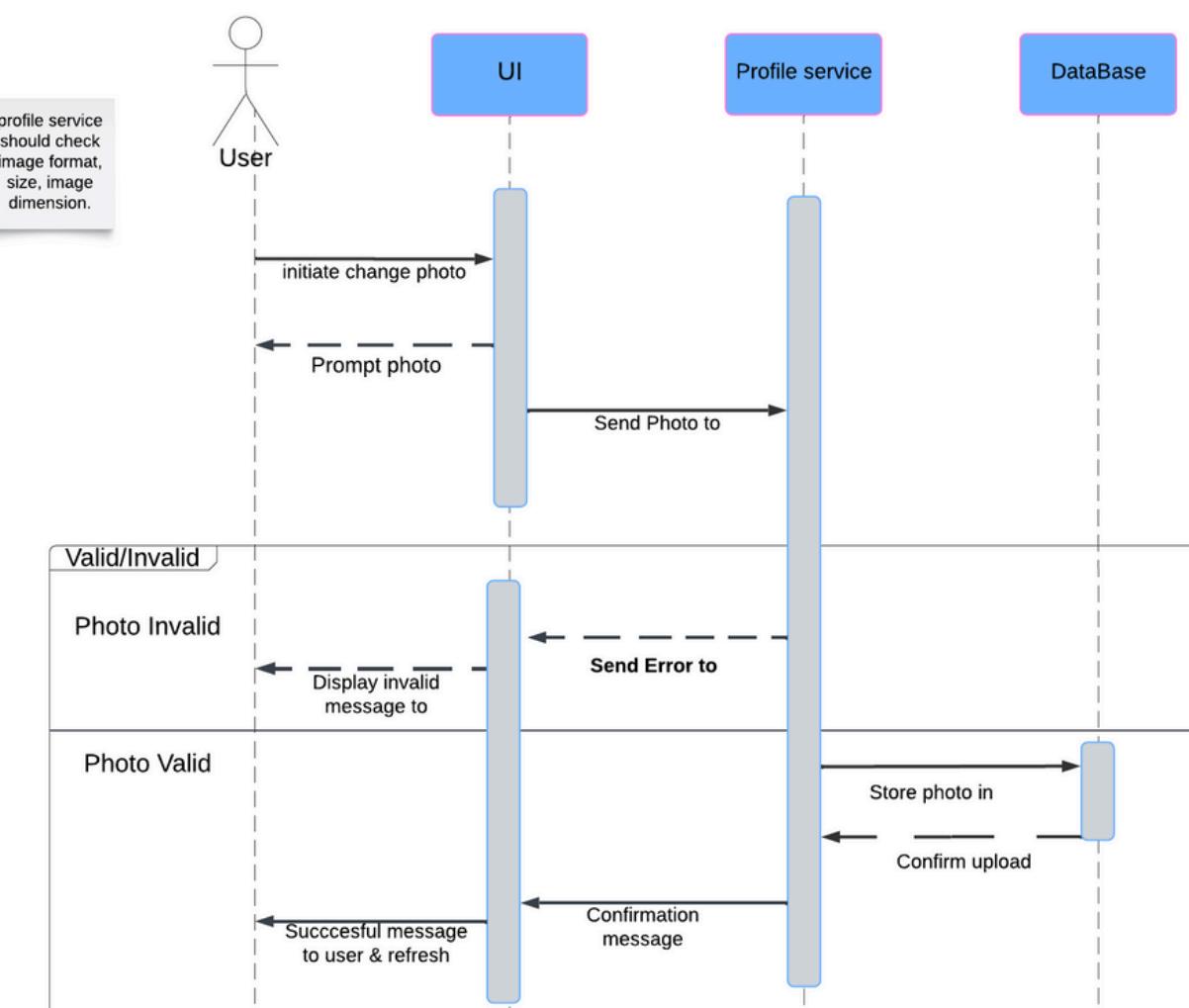
Add Class



Create Group

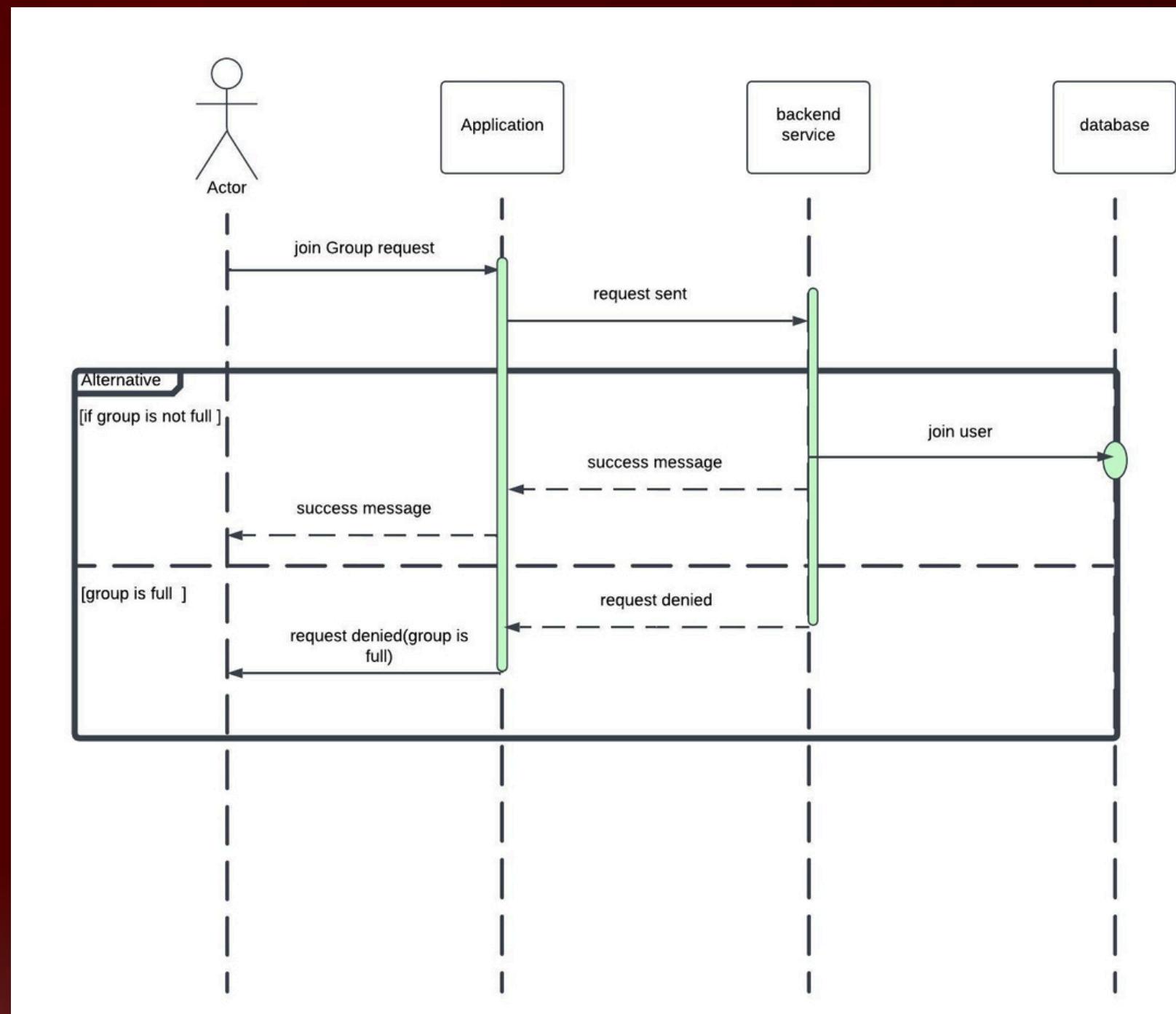


Change photo

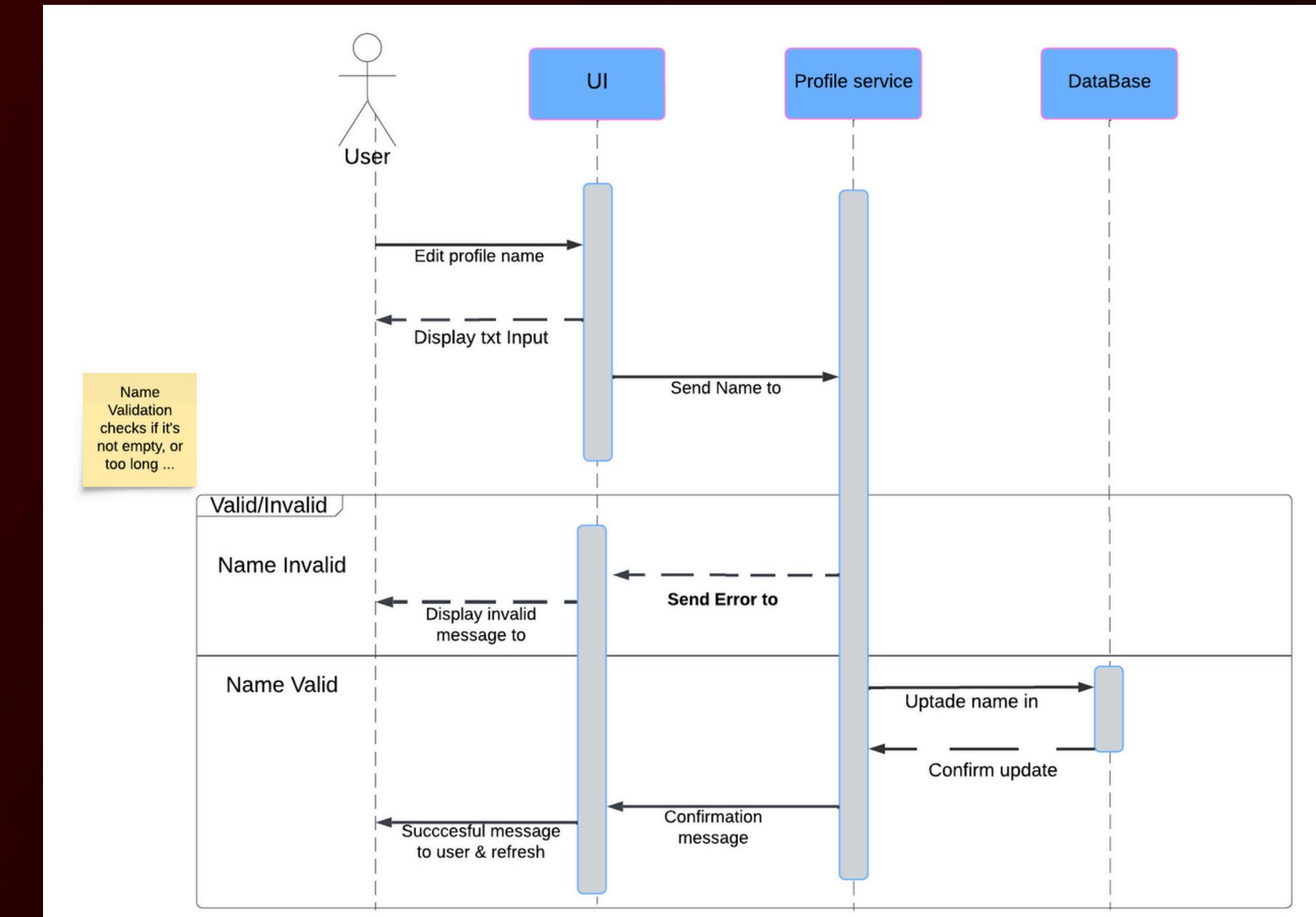


Sequence Diagram

Join Group

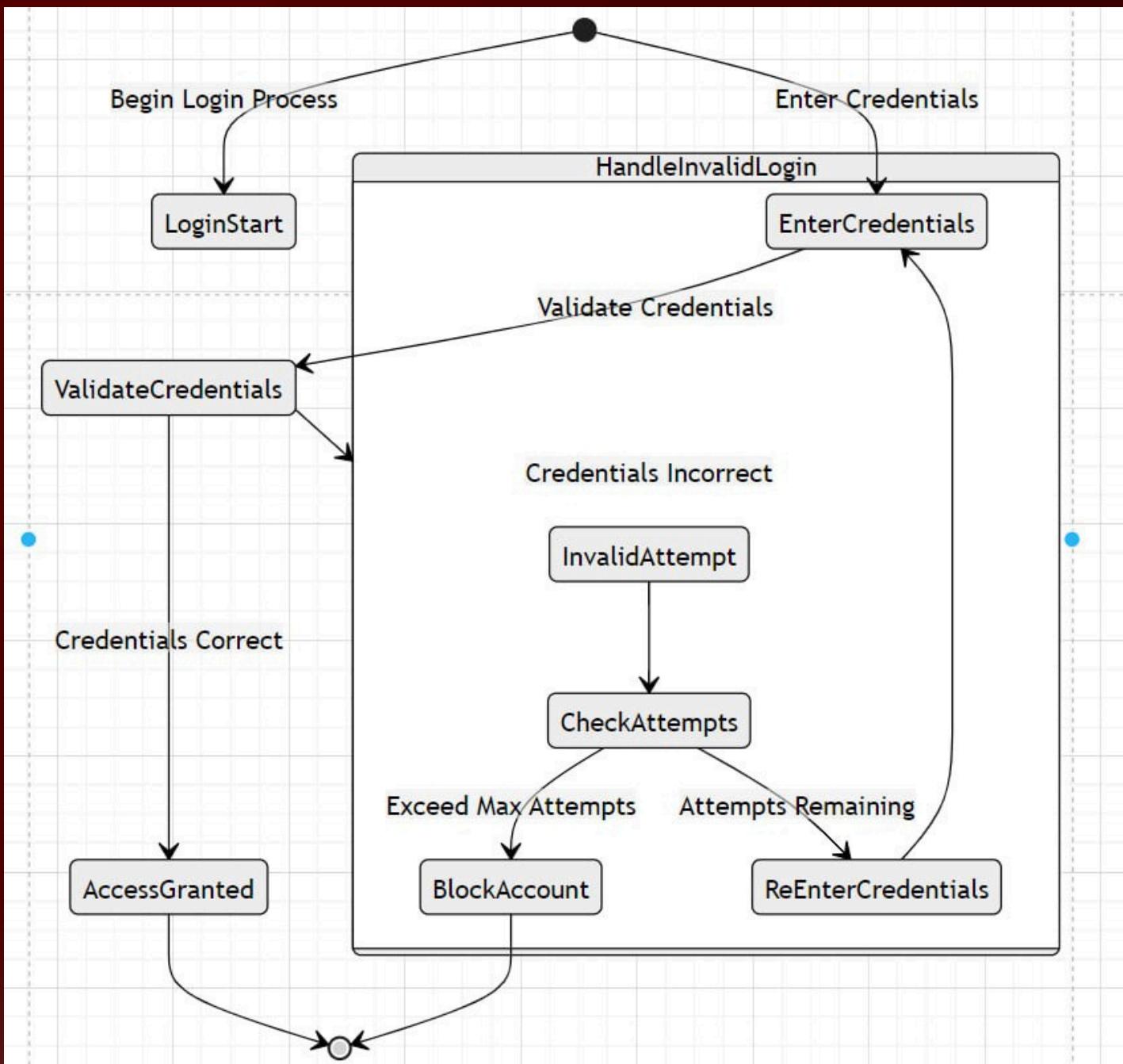


Edit Profile Name

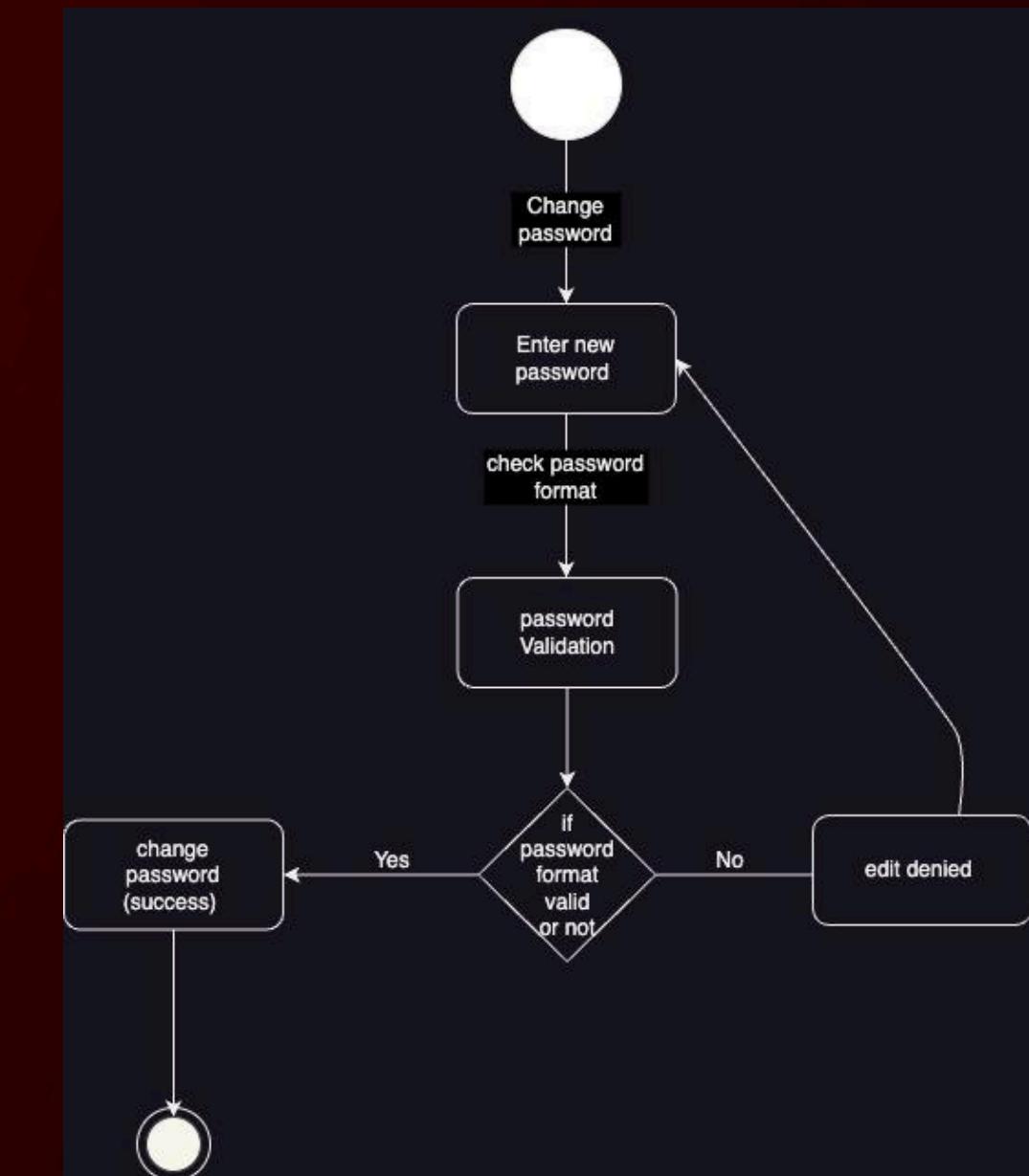


Activity diagram

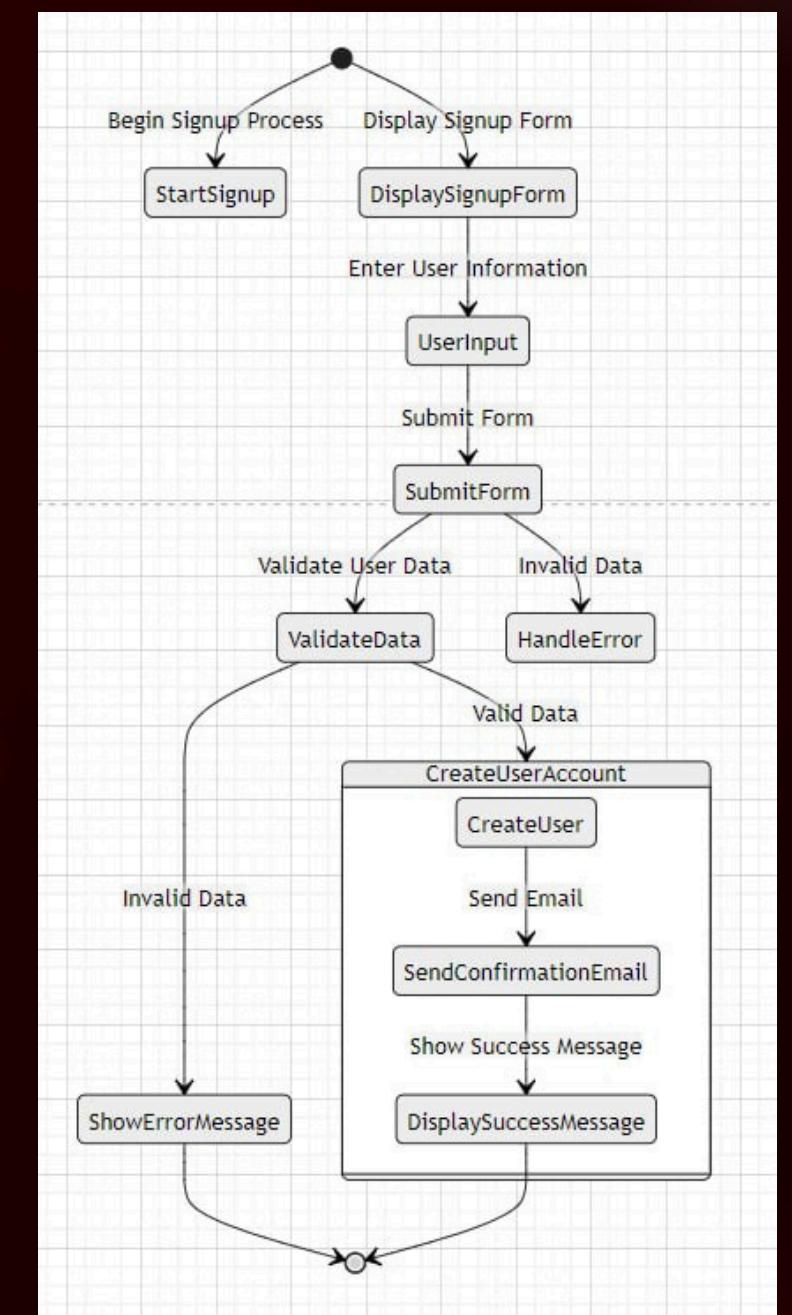
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Change Password

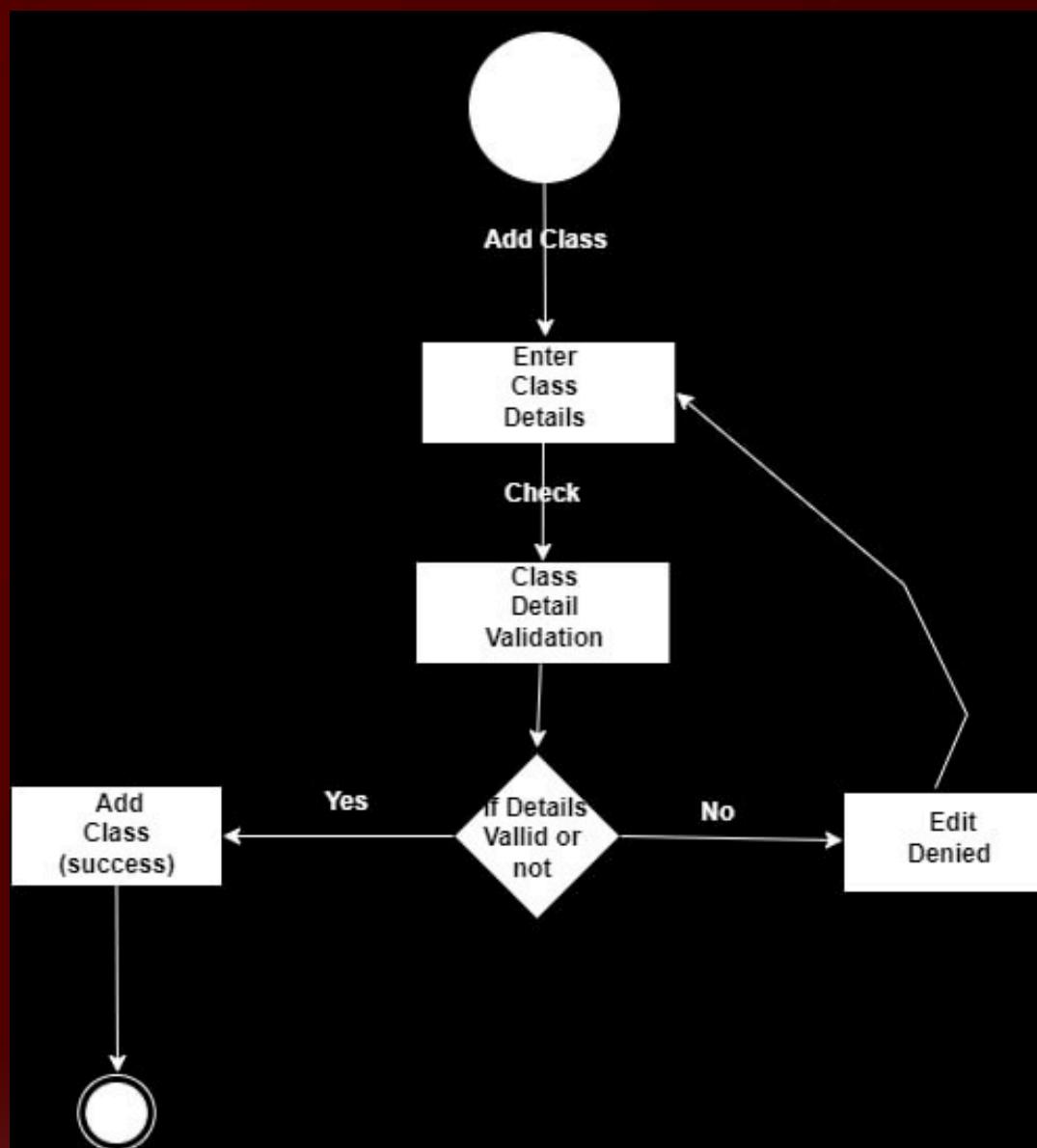


Sign up

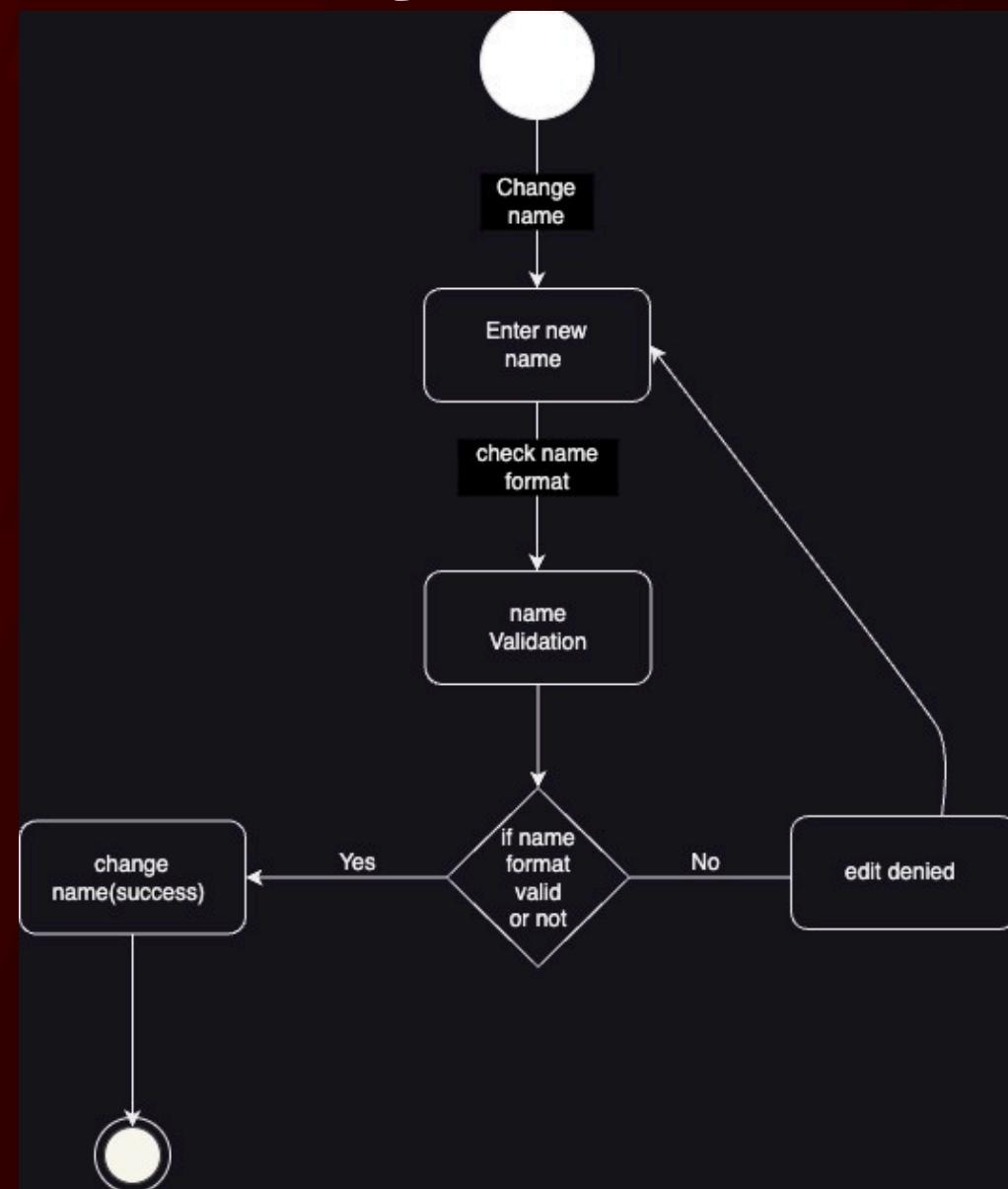


Activity diagram

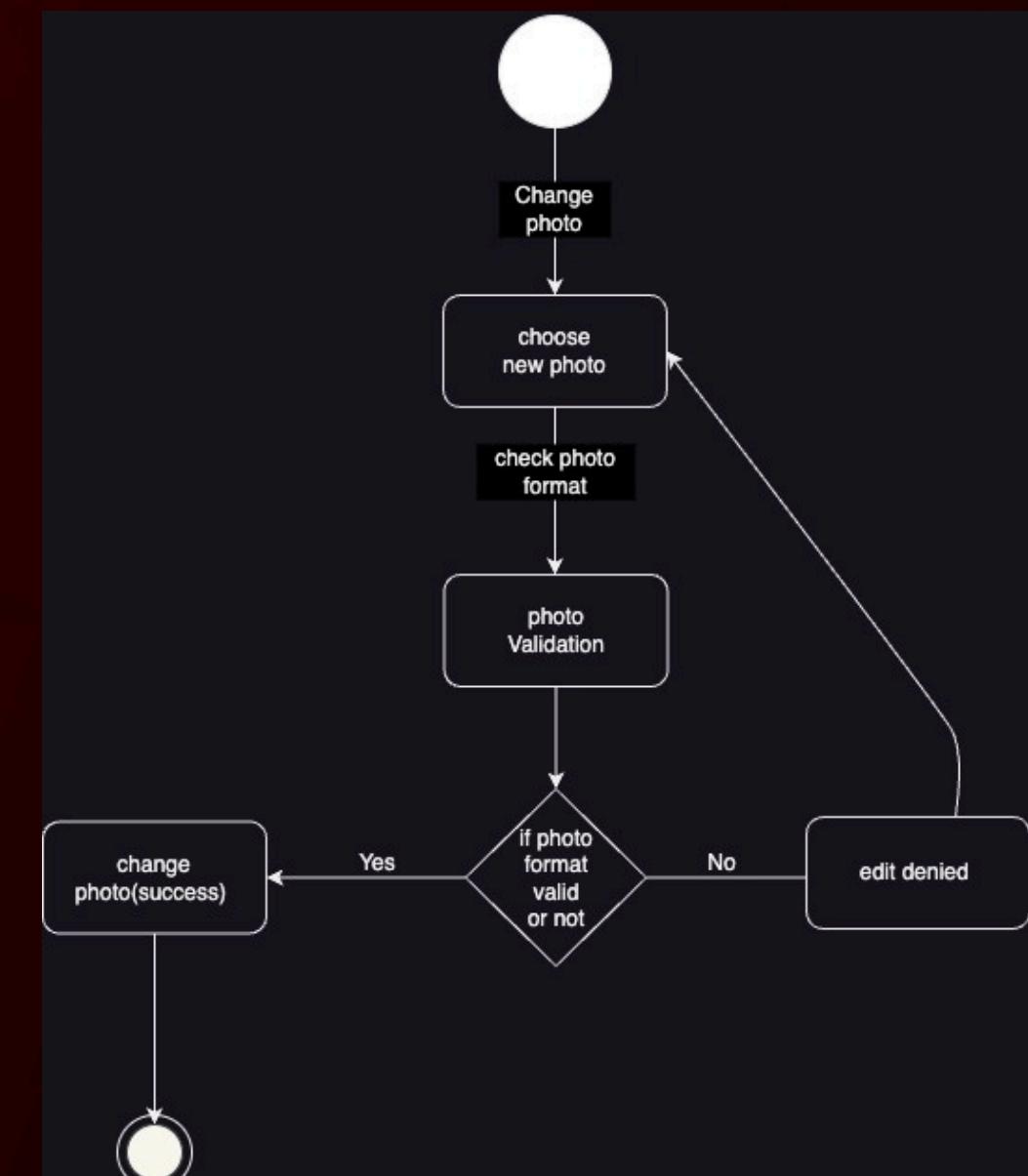
Add Class



change Name

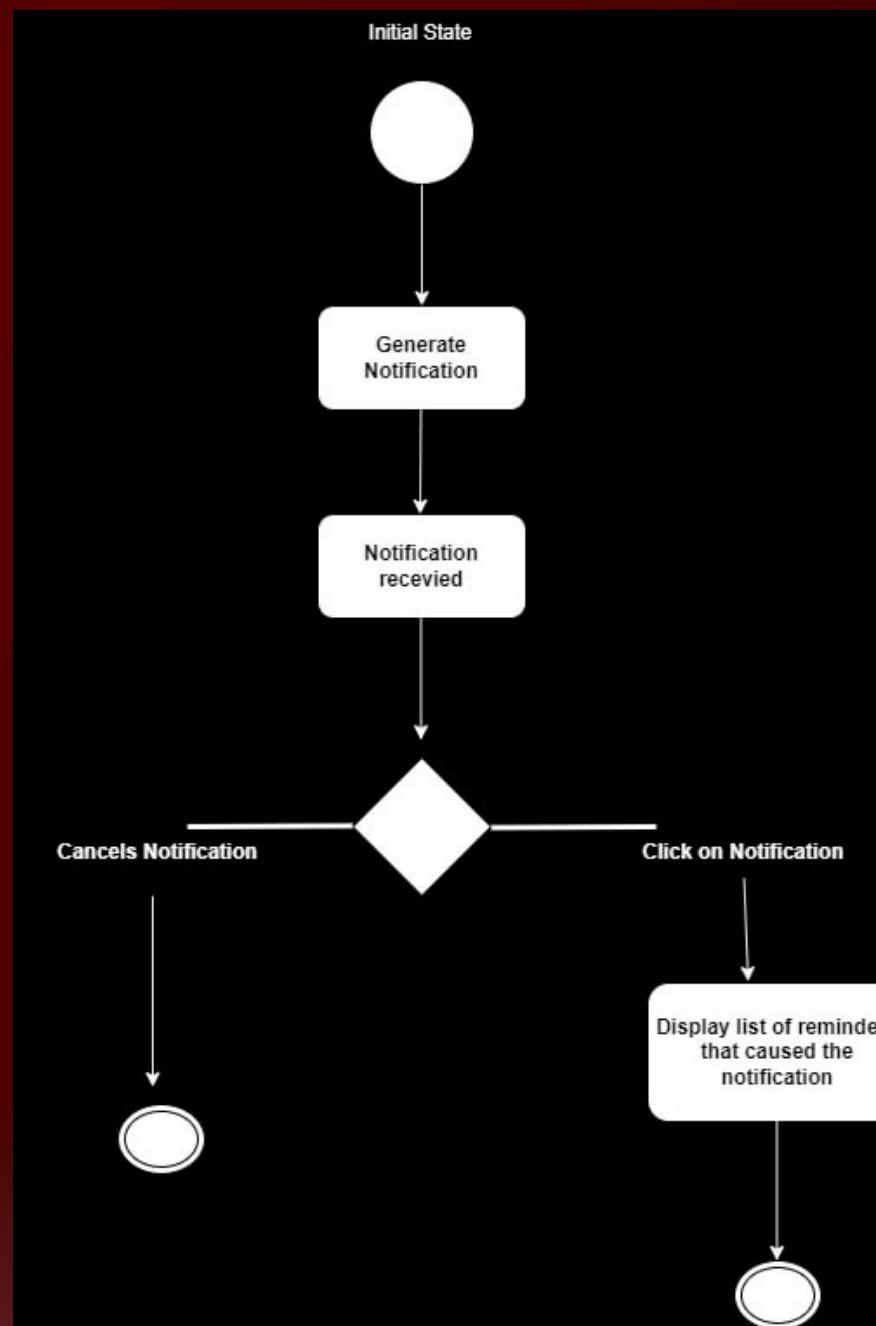


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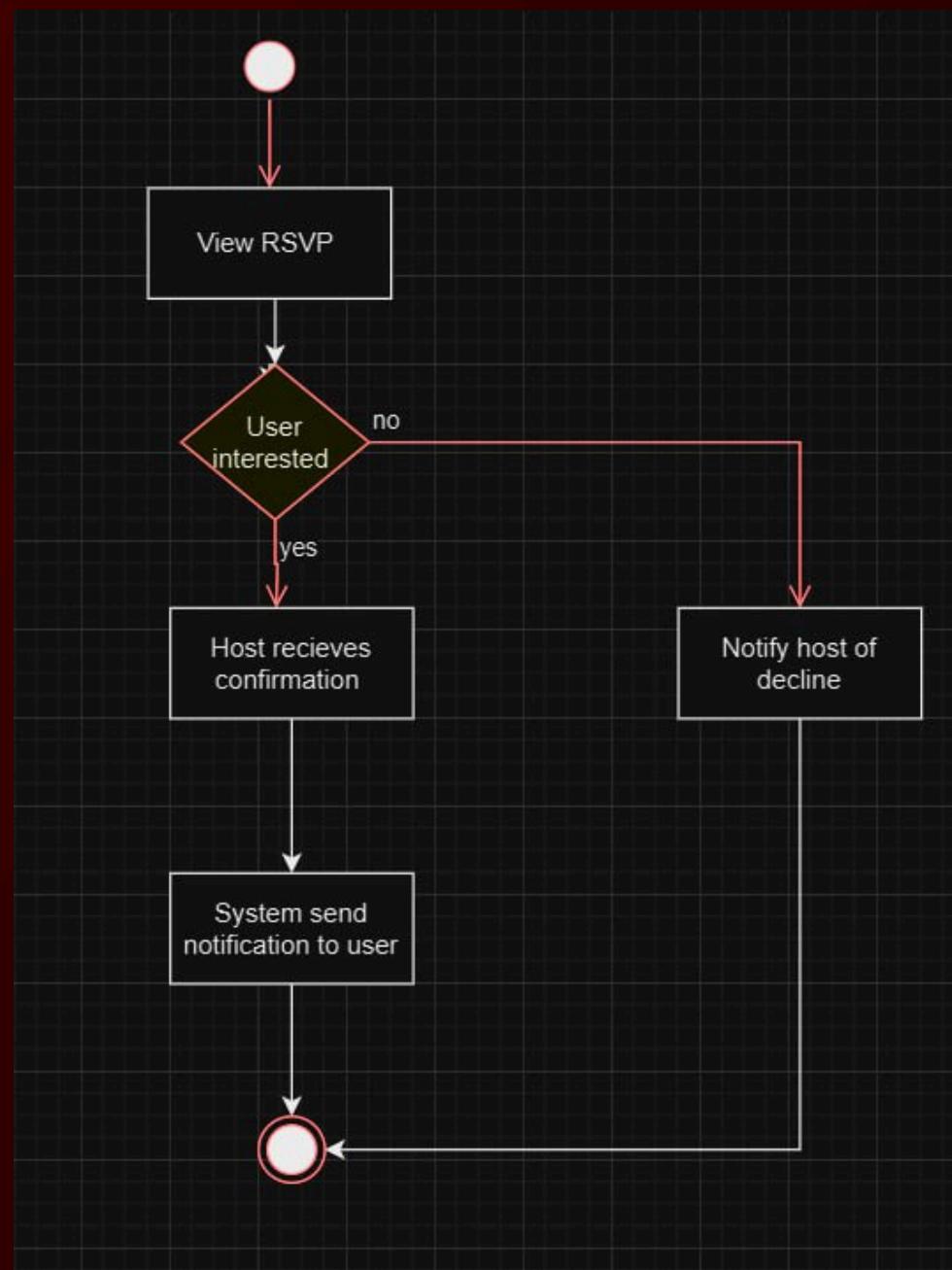


Activity diagram

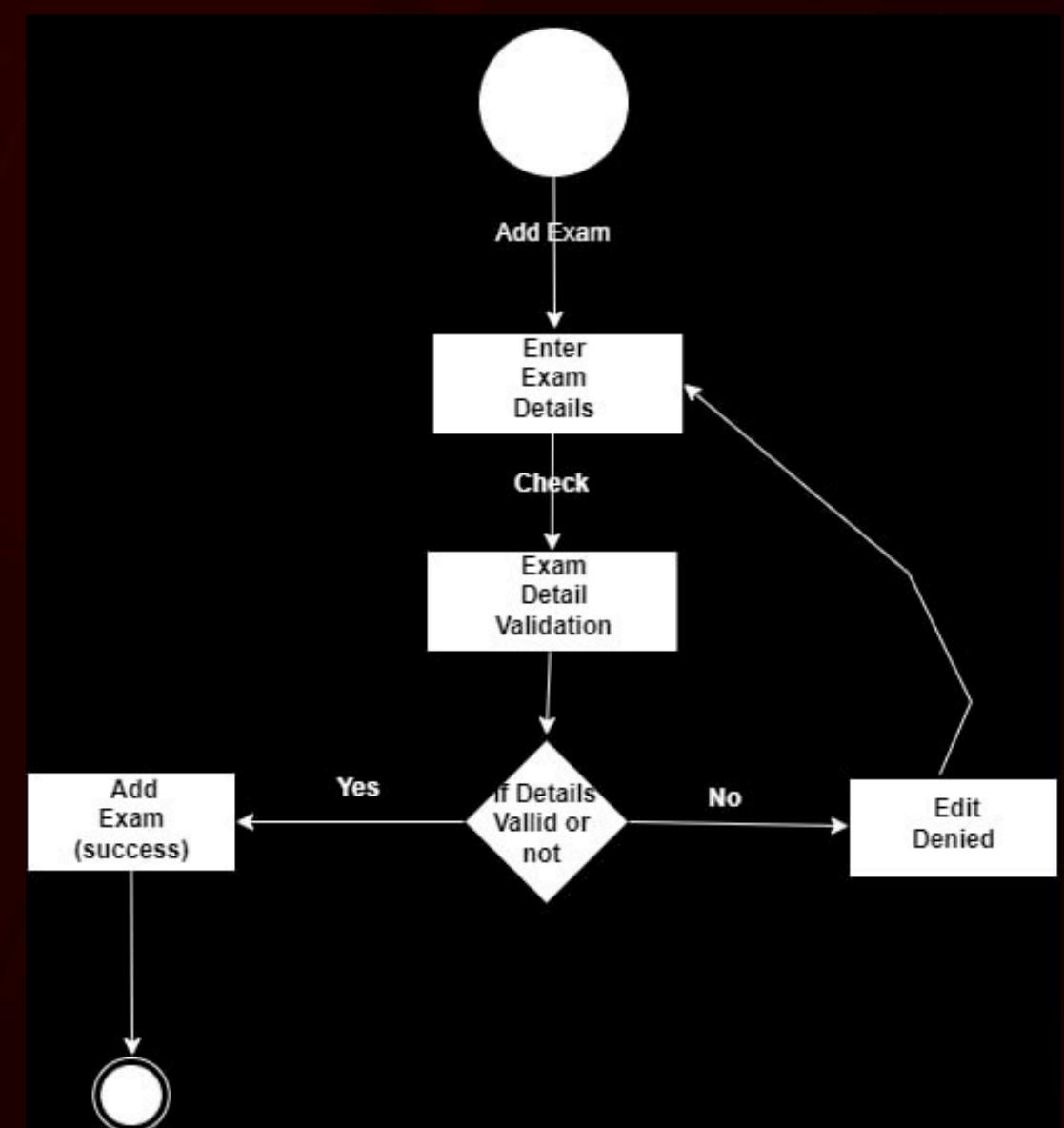
Generate Notification



View RSVP

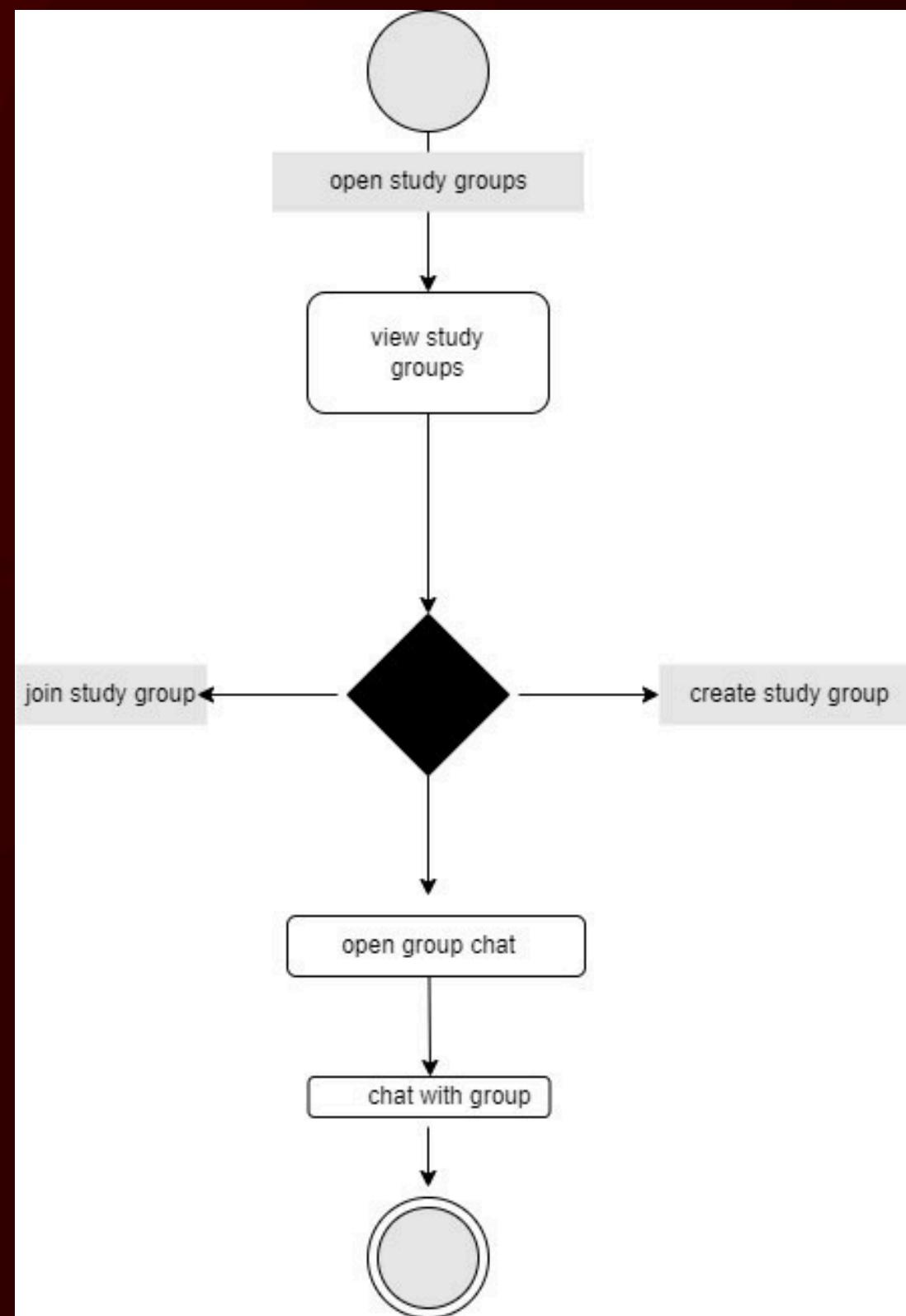


Add Exam



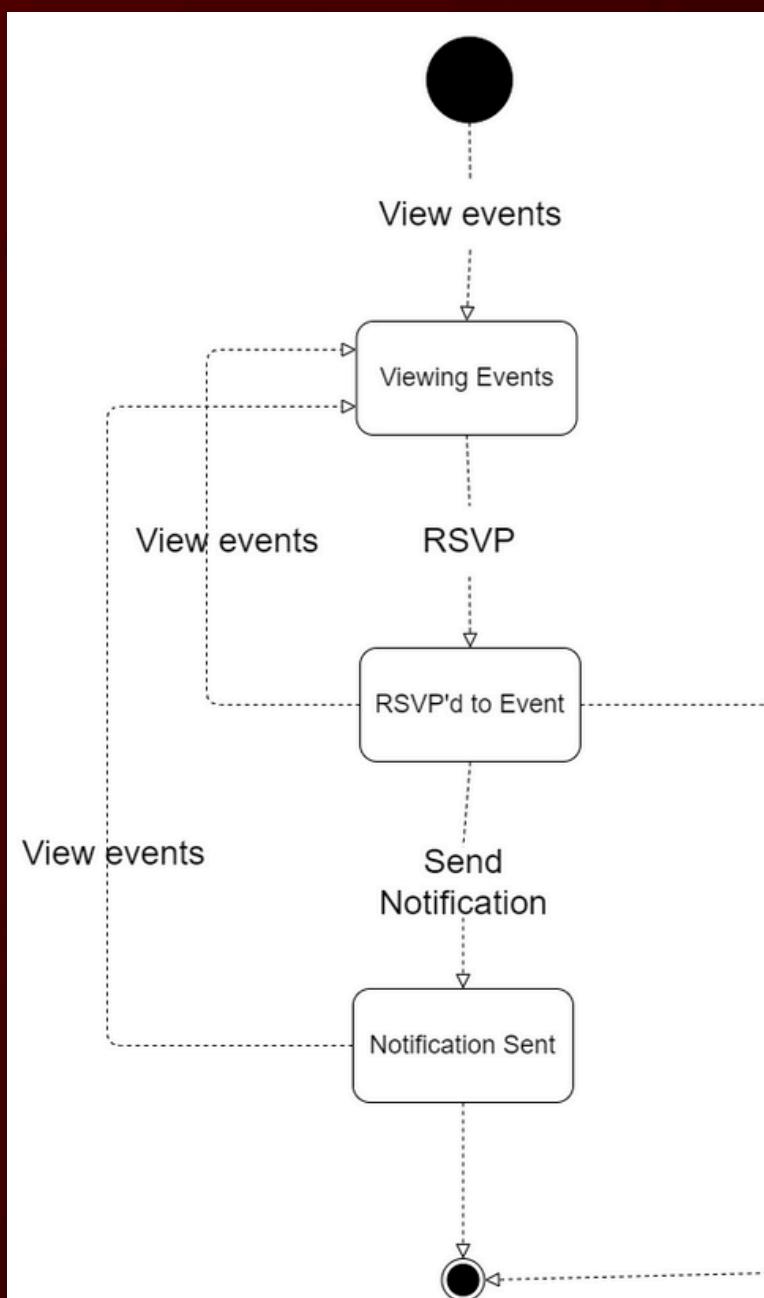
Activity diagram

Join & Study Groups

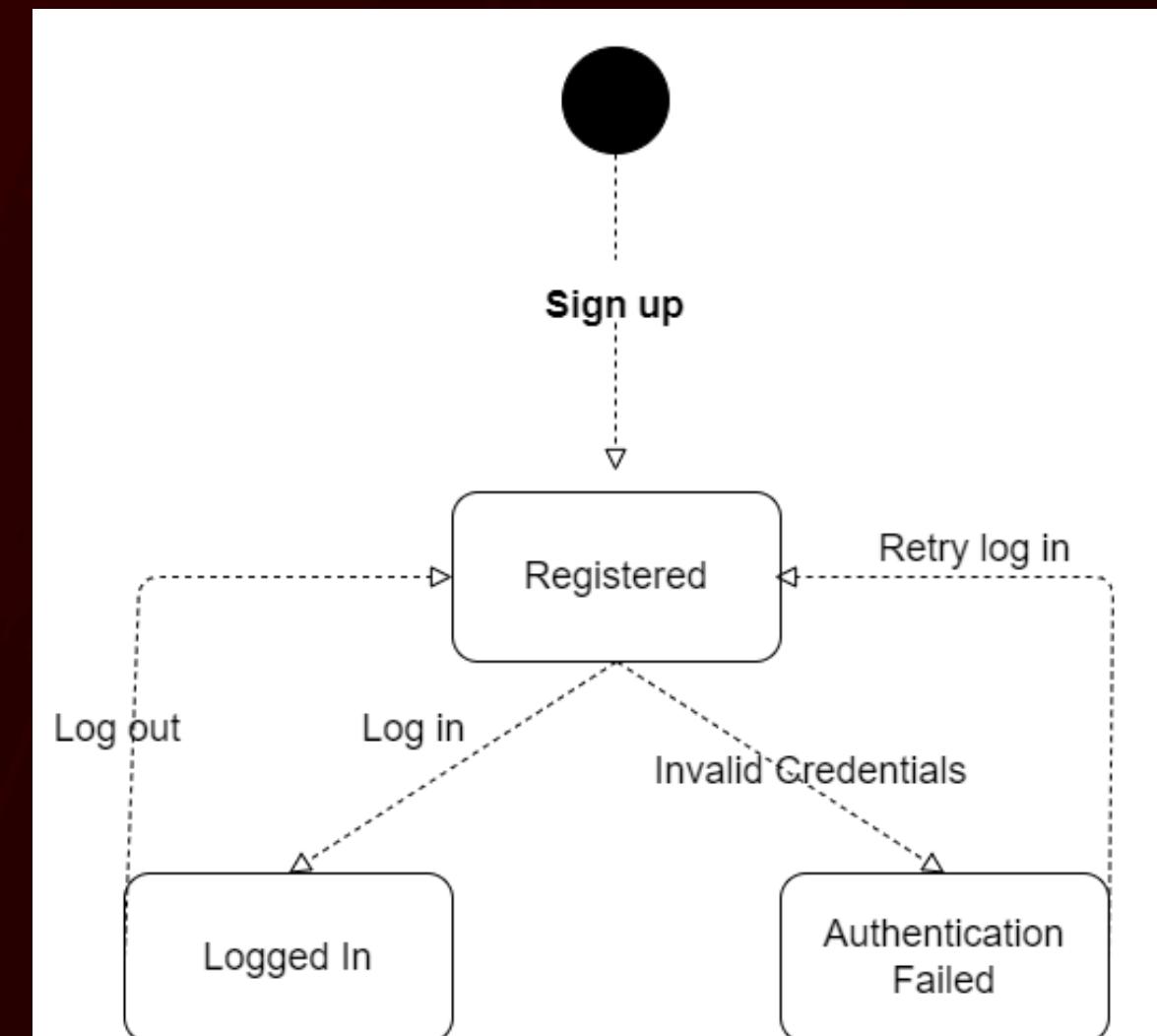


State Diagram

View RSVP

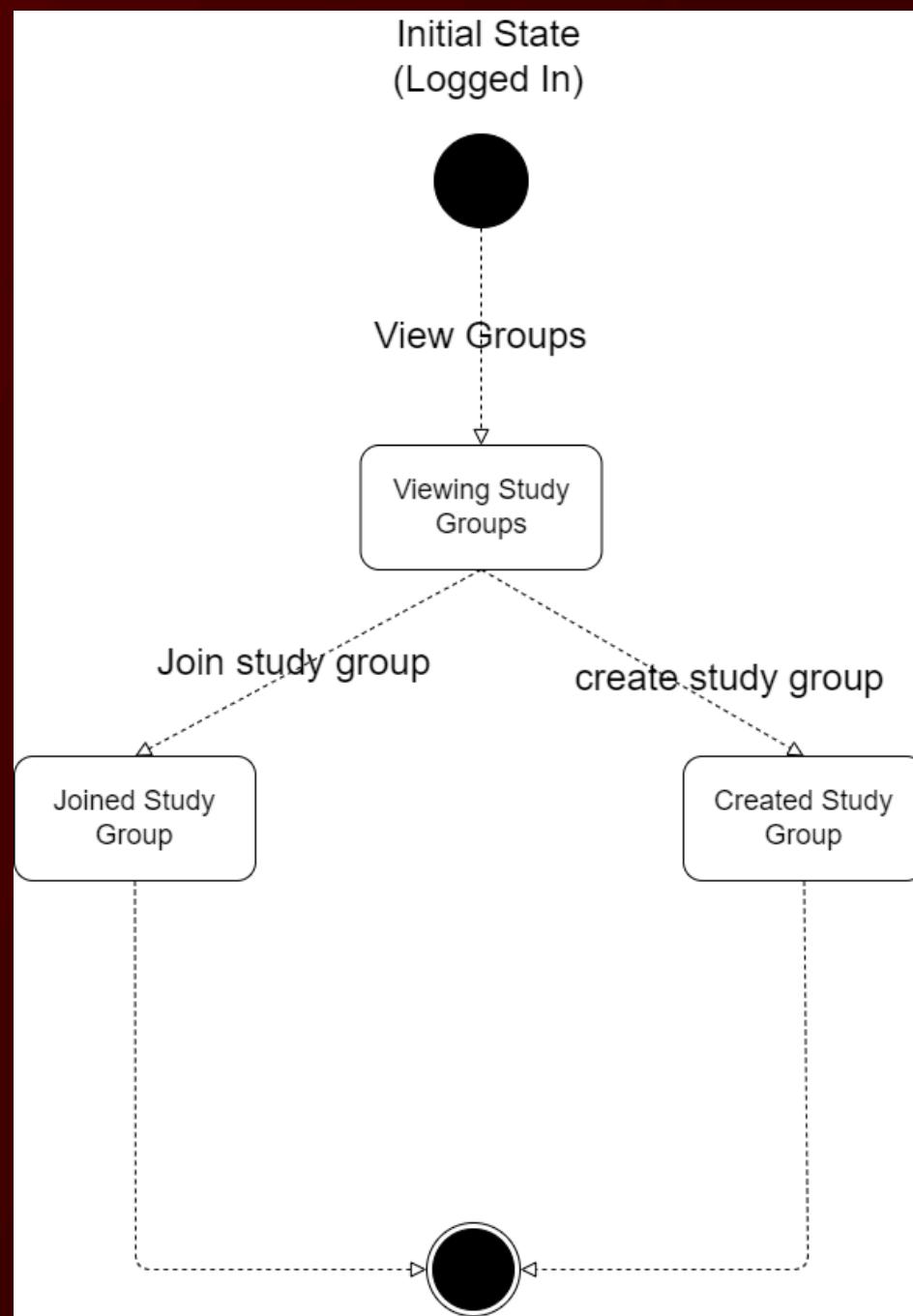


sign up

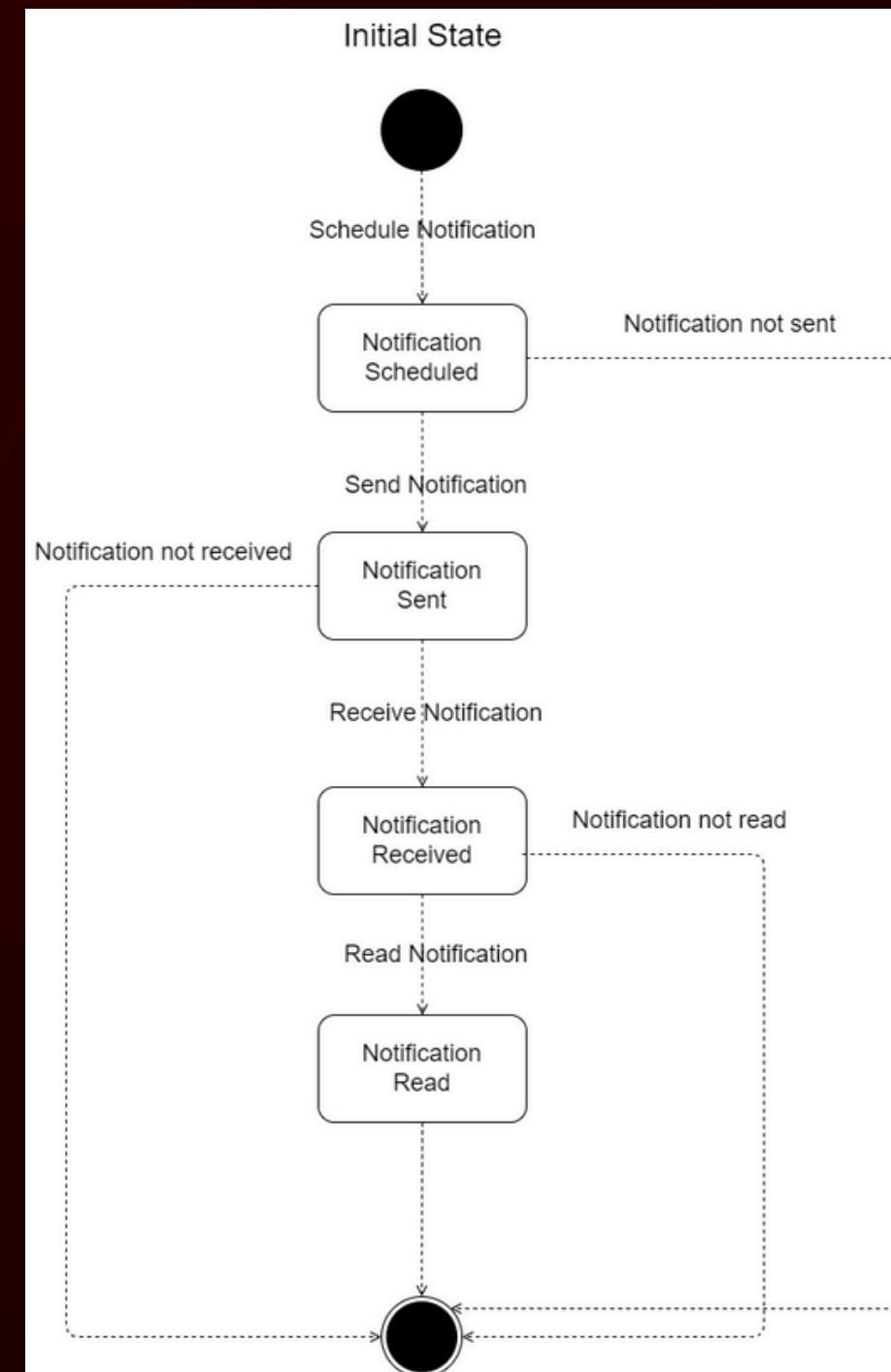


State Diagram

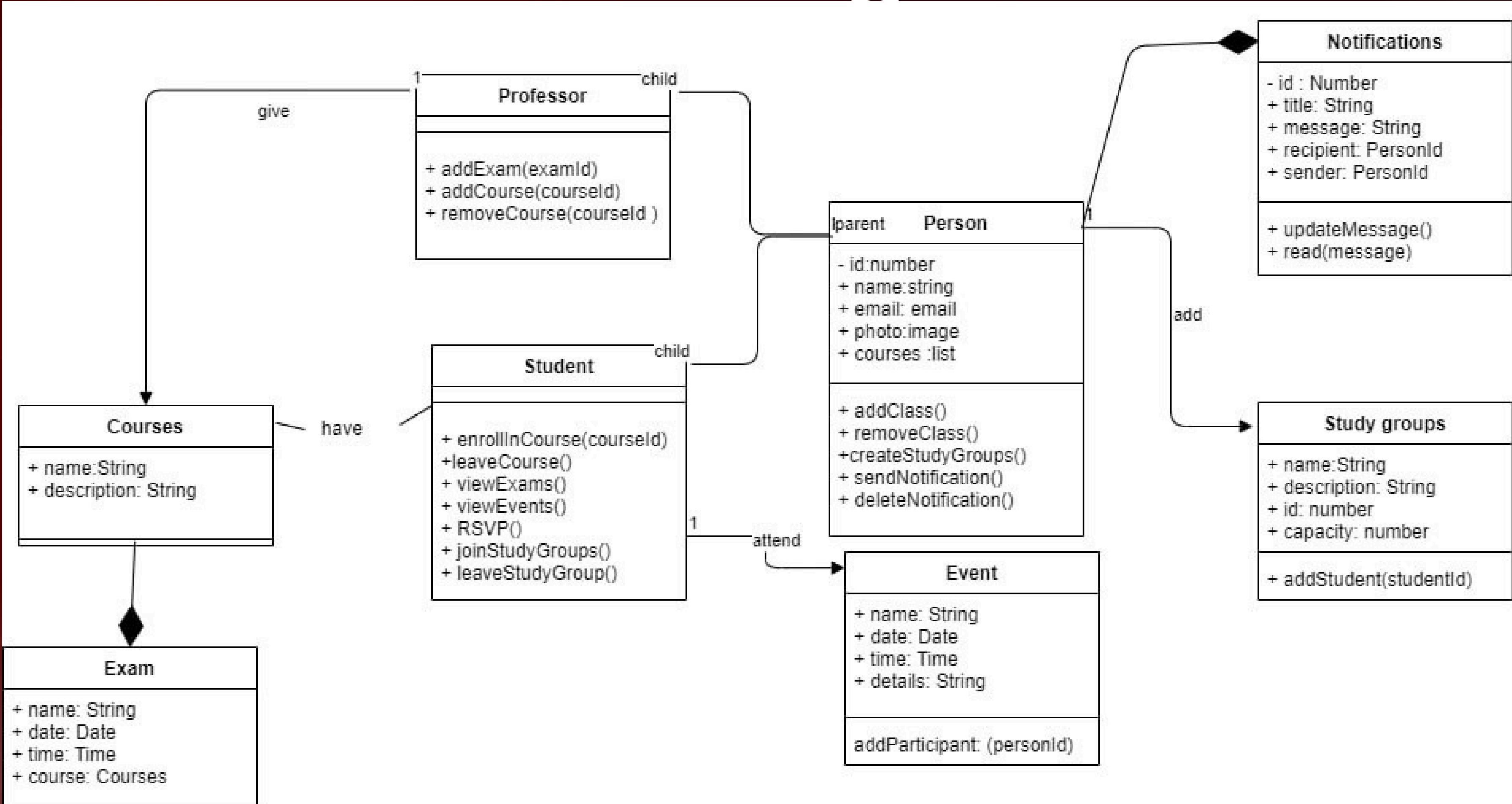
view Groups



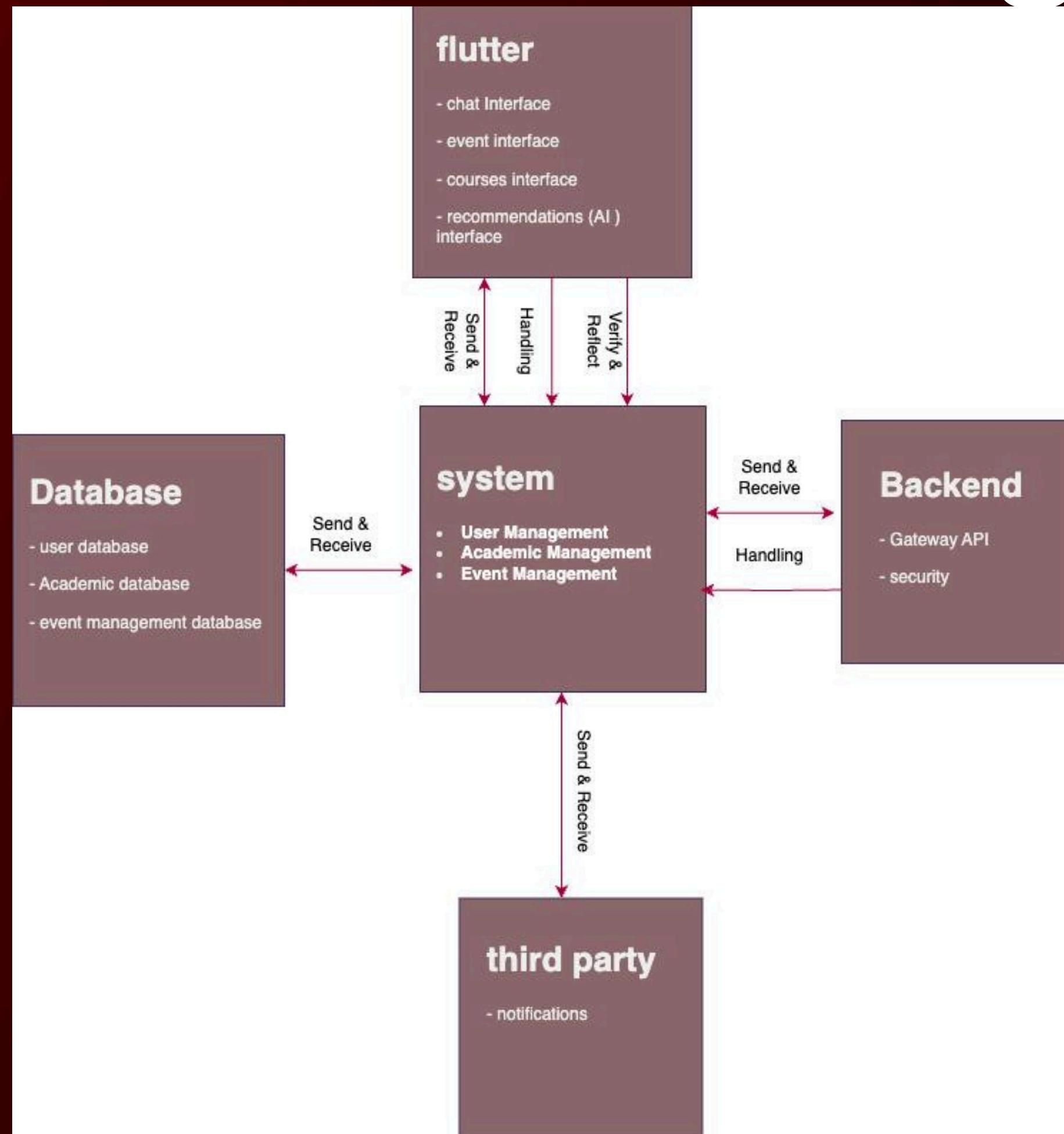
Send Notification



Class Diagram



Architecture diagram



business Model

Key Partners	Key Activities	Value Proposition	Customer Relationships	Customer Segments
Universities and colleges Local businesses (cafes, bookstores, etc.) Tech companies (for app development and maintenance) Student organizations and clubs Advertisers targeting students	App development and updates Content management (timetables, campus events, news, etc.) Building partnerships with local businesses and colleges Marketing and user acquisition Technical support and user engagement	Streamlined access to class schedules, campus events, and facilities Campus navigation and maps Integration with college services (e.g., library, transport, canteen) Social features: connecting students with peers and clubs Discounts and offers from local businesses Personalized reminders and notifications	Self-service with in-app tutorials and FAQs Community engagement through forums and feedback Regular updates and new feature rollouts Student ambassadors as brand promoters	Students (undergraduate, postgraduate) Faculty members University administration Prospective students visiting campus
	Key Resources		Channels	
	Development team (software engineers, designers) Cloud hosting services Database of campus information and schedules Partnerships with universities and businesses Marketing and social media platforms		App stores (Google Play, Apple App Store) University websites and portals Social media platforms (Instagram, TikTok, etc.) On-campus promotions (flyers, events, demos) Word of mouth	
	Cost Structure		Revenue Streams	
App development and maintenance costs Marketing and advertising expenses Salaries for the team Hosting and server costs Partnerships and licensing fees			Freemium model: in-app purchases or premium features Advertising within the app Subscription model for advanced features Partnerships with businesses offering deals through the app Sponsorships for university events promoted in the app	

Thank you