Study Mate

Your Ideal Study Partner

Software Engineering

Team Members

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Backend Engineer

Sama Mohamed

Al Engineer



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Backend Engineer

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Cloud Engineer

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Flutter Developer

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UI/Ux Designer



Project Idea



Study Mate is a versatile learning app designed to boost productivity and enhance the study experience. It offers tools like summarization, flashcards, and quizzes for personalized learning, along with a chatbot for instant academic support. Gamified features like earning badges keep users motivated, while Pomodoro sessions and background sound improve focus. With note-taking and notifications, it ensures efficient organization and time management. Study Mate is the ultimate companion for effective and enjoyable learning.



Competitors

Feature	StudyMate	Quizlet	Notion
Pomodoro Timer		X	X
Flashcards			X
Quizzes			X
File Summarization		X	X
Note Taking		X	
Chatbot		X	X
Background Music		X	X

Business Model

Key Partners



- Schools Private
- Lesson centers
- University
- Online learning Platforms

Key Activities



- App Development: Designing, coding, and testing
- Promoting the app through marketing and social media
- Maintenance and Updates: Fixing bugs and adding new features

Value Propositions



- Centralized Learning Workspace
- Gamified learning through badges for motivation
- Efficient tools like flashcards, PDF summarization and Al chatbot

Customer Relationship

feedback



Customer Segments



- Customer Support: Assisting users and gathering
- University Students High school Students
- Self-learners

Key Resources



- Software engineers to build and maintain the app
- UI/UX designers to create an engaging user interface
- Marketing Team: Individuals to handle promotions and user acquisition

Channel



 Social Media Marketing -**Events at Universities and** schools

- Student Competitions and **Challenges Customer** Relationships

Cost Structure



- Hosting of Application
- Resources used to train ML models
- Softwares used to make diagrams

Revenue Stream

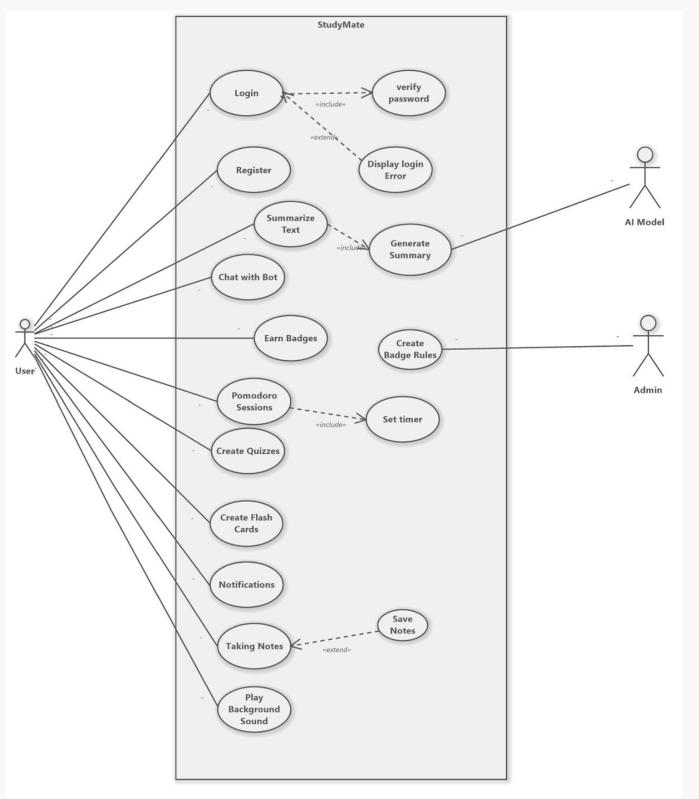




 Paid Features Advertisements

Use Case Diagram

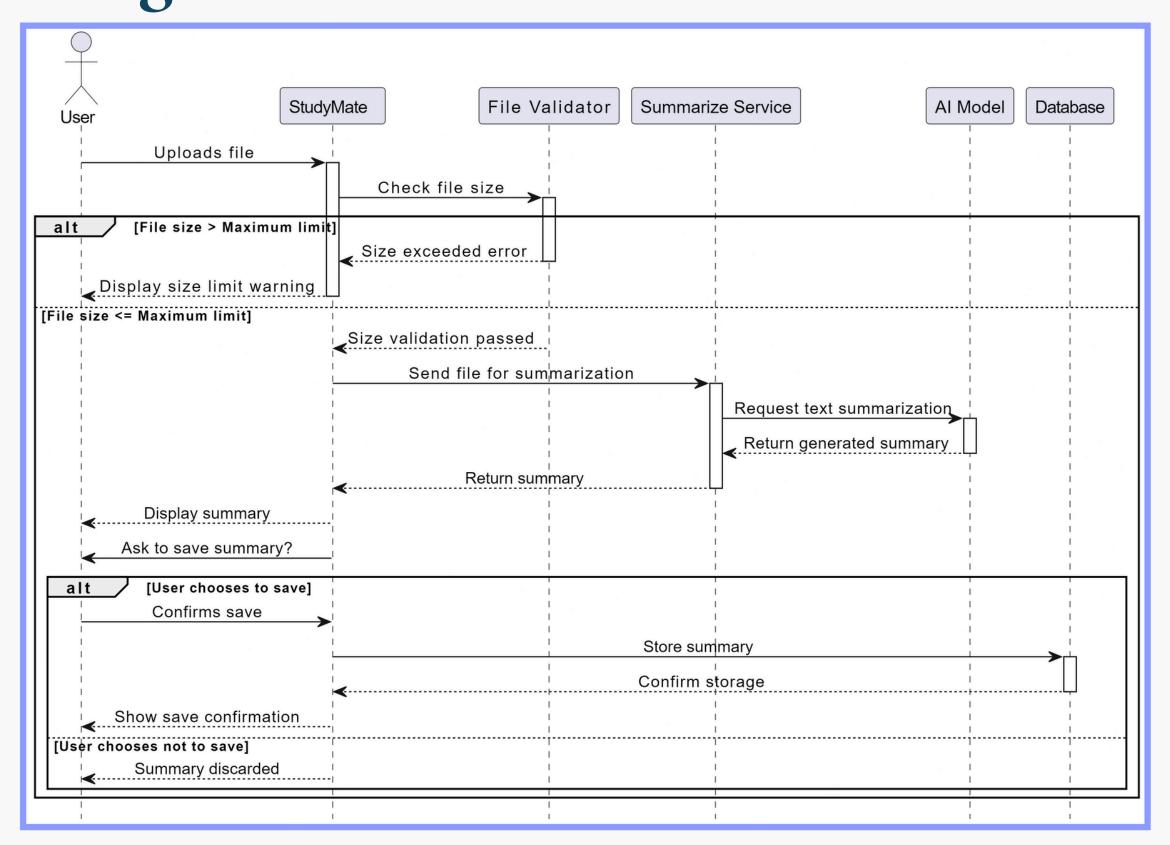






Sequence Diagram (summarize)

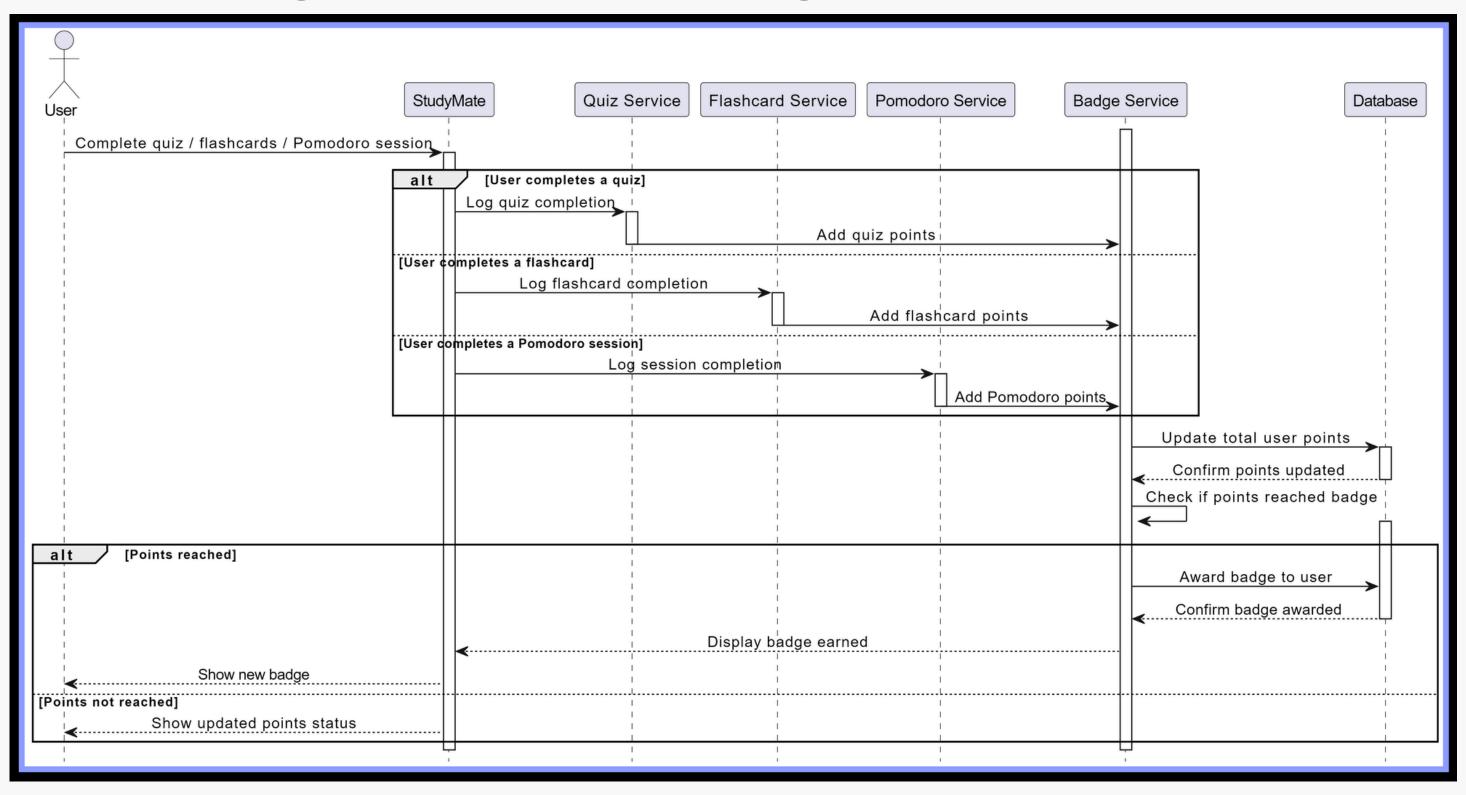






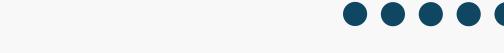
Sequence Diagram (Earn Badges)

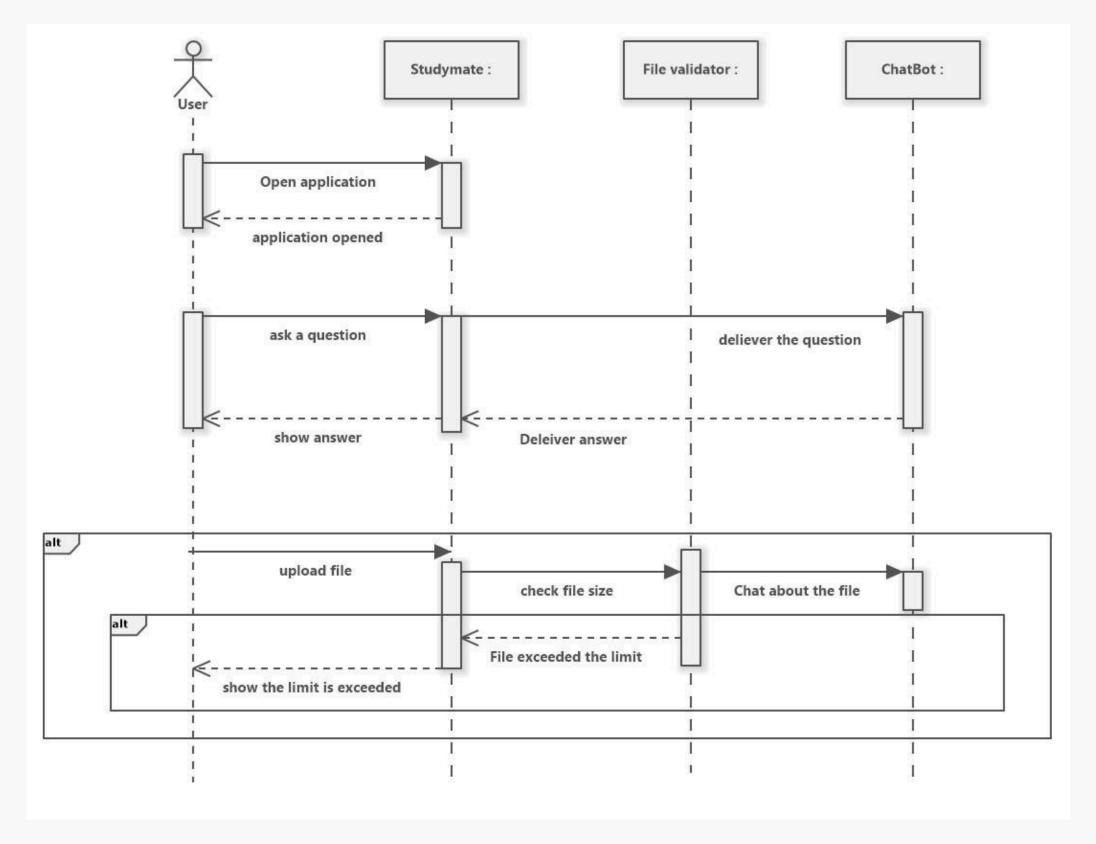






Sequence Diagram (ChatBot)

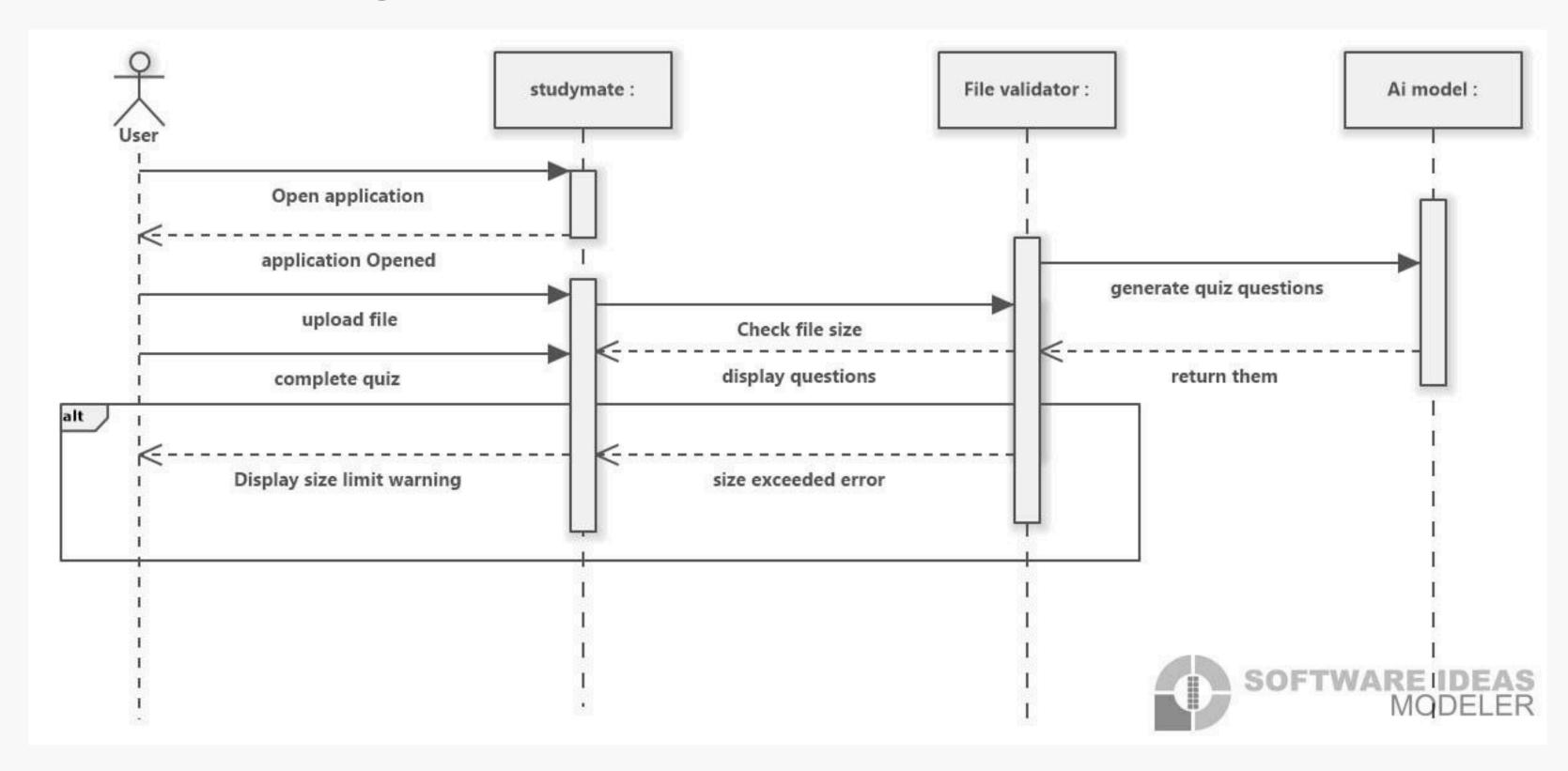






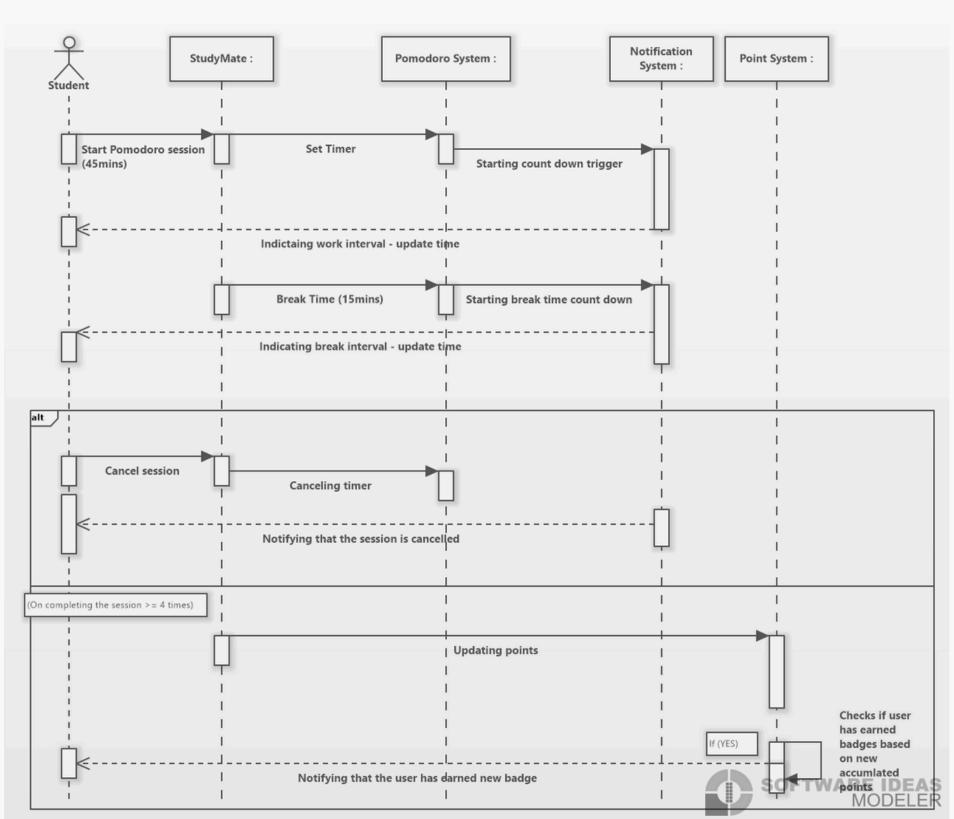
Sequence Diagram (Create quizes)







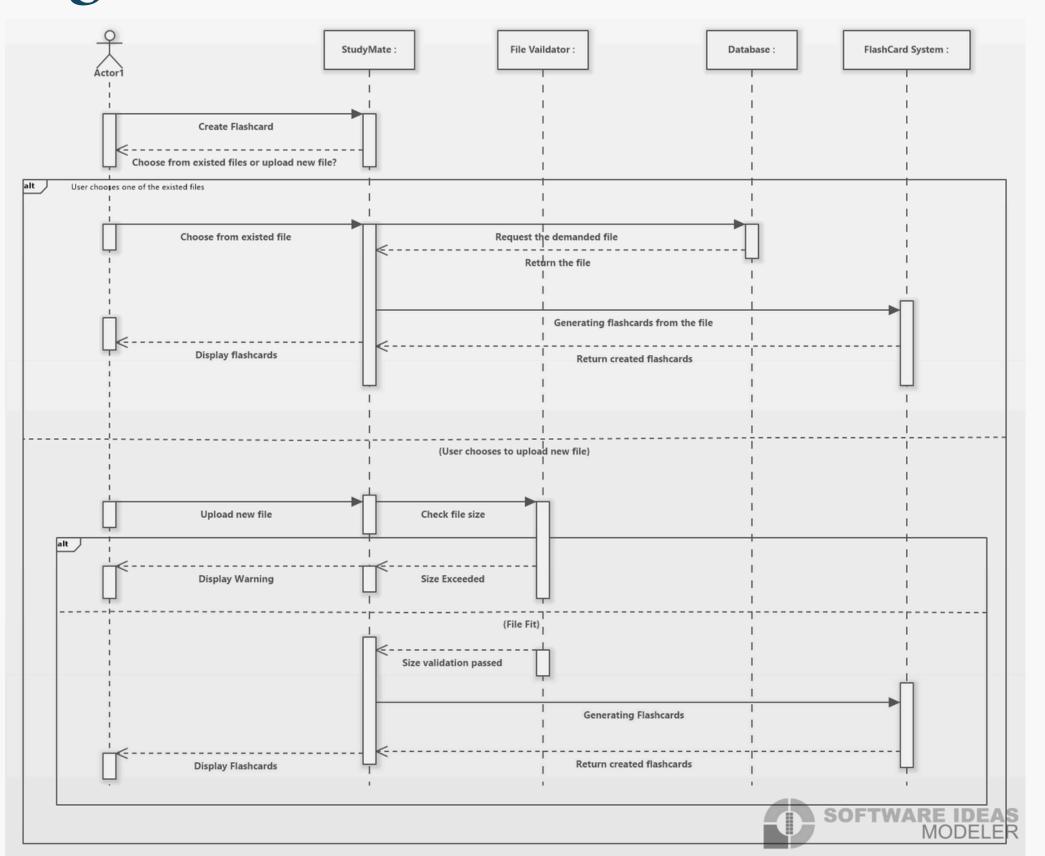
Sequence Diagram(Pomodoro)





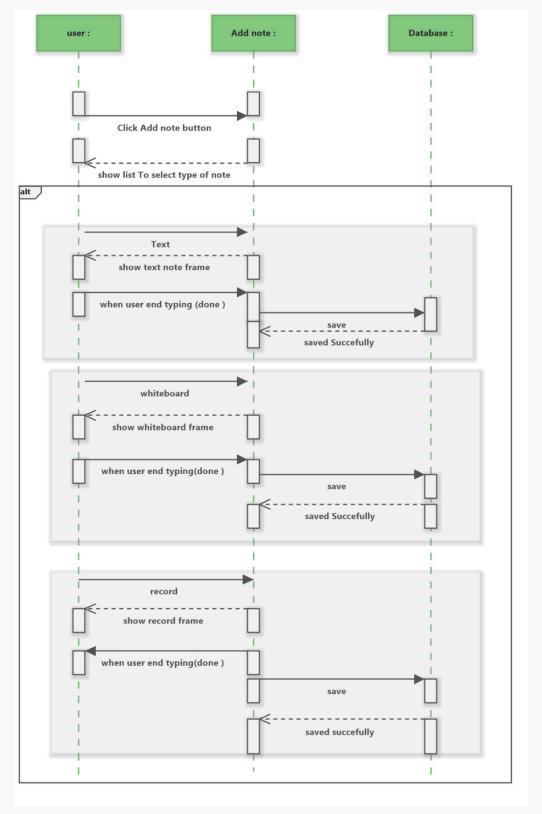


Sequence Diagram (FlashCards)





Sequence Diagram (Take Notes)

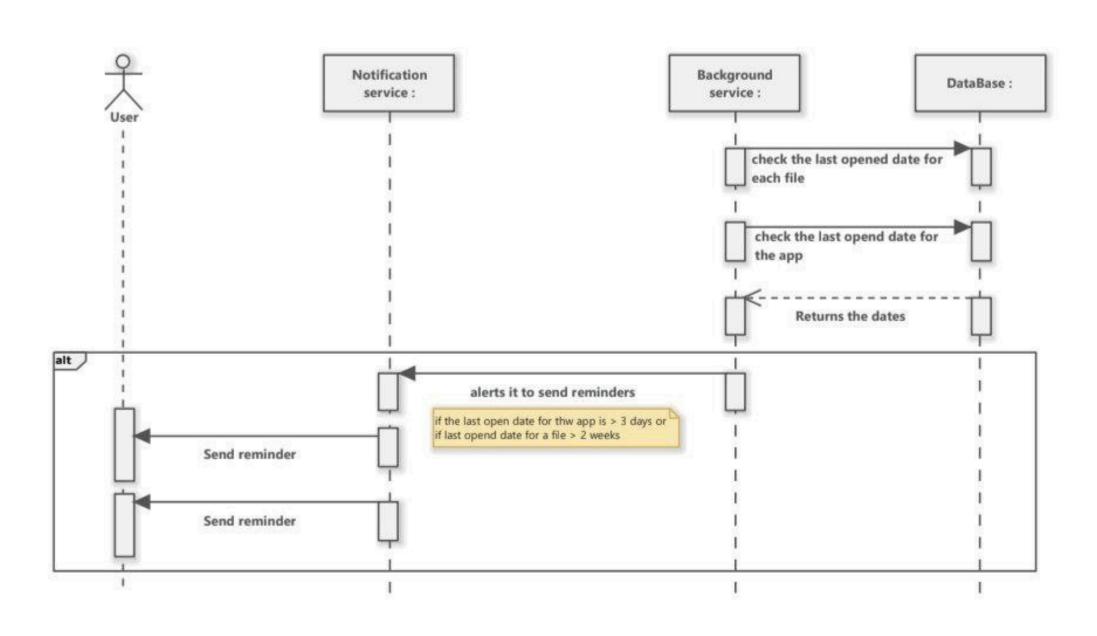






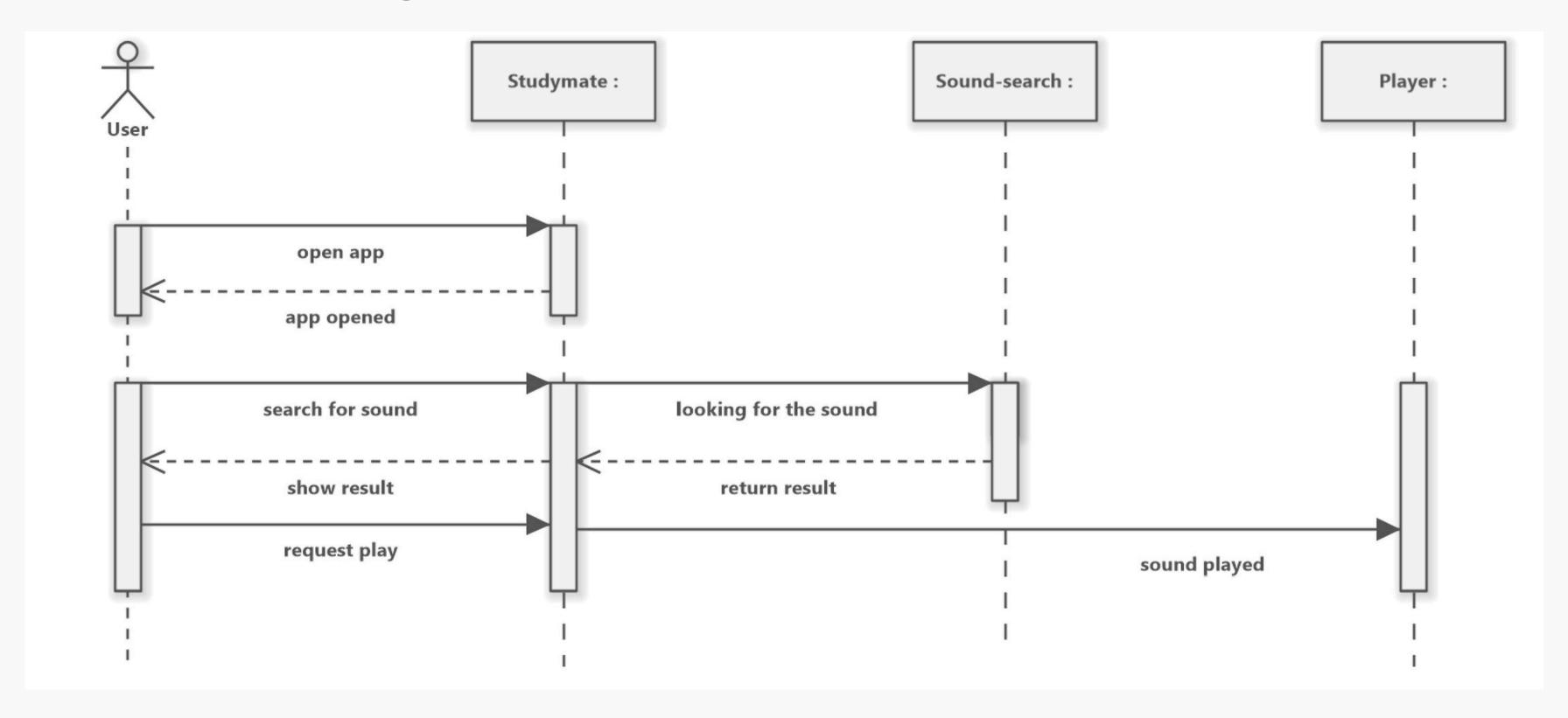
Sequence Diagram(Notifications)





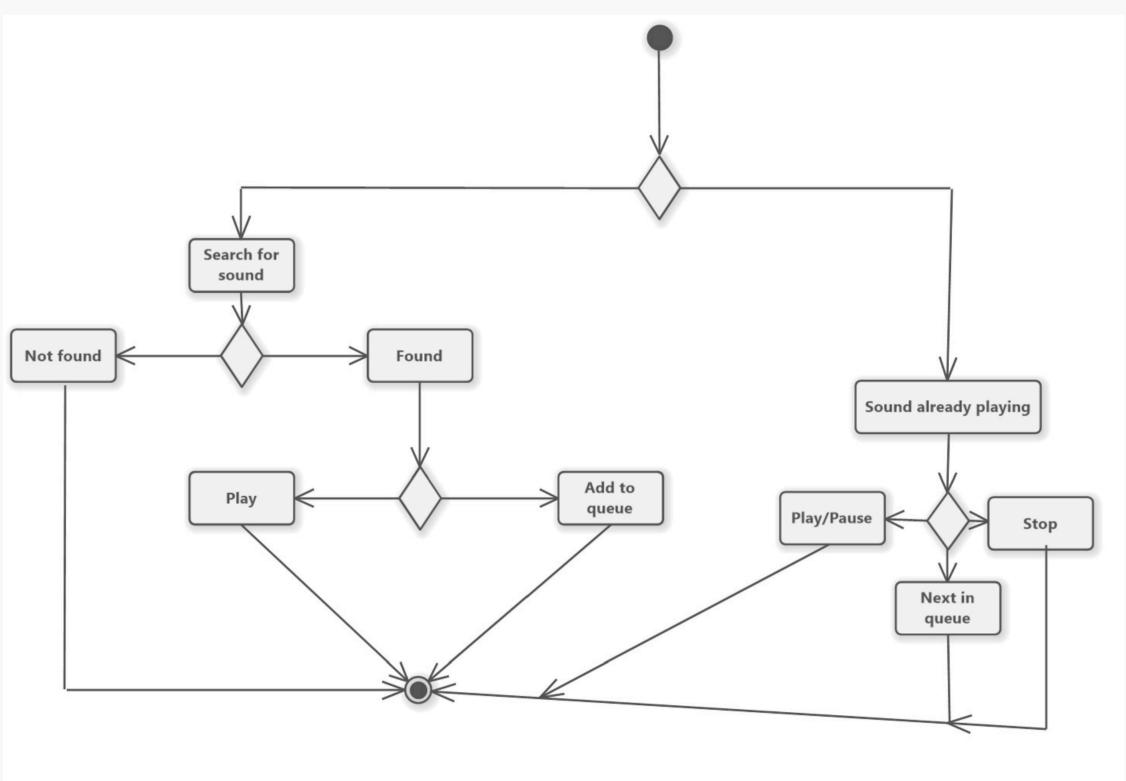






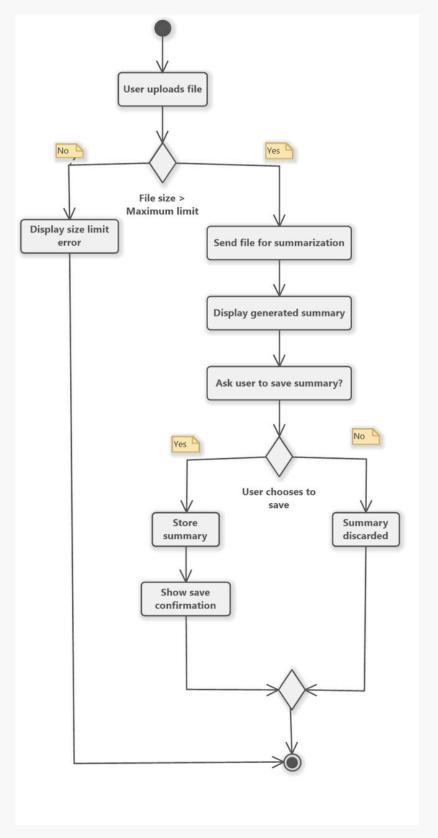


Activity Diagram(Background Sound)



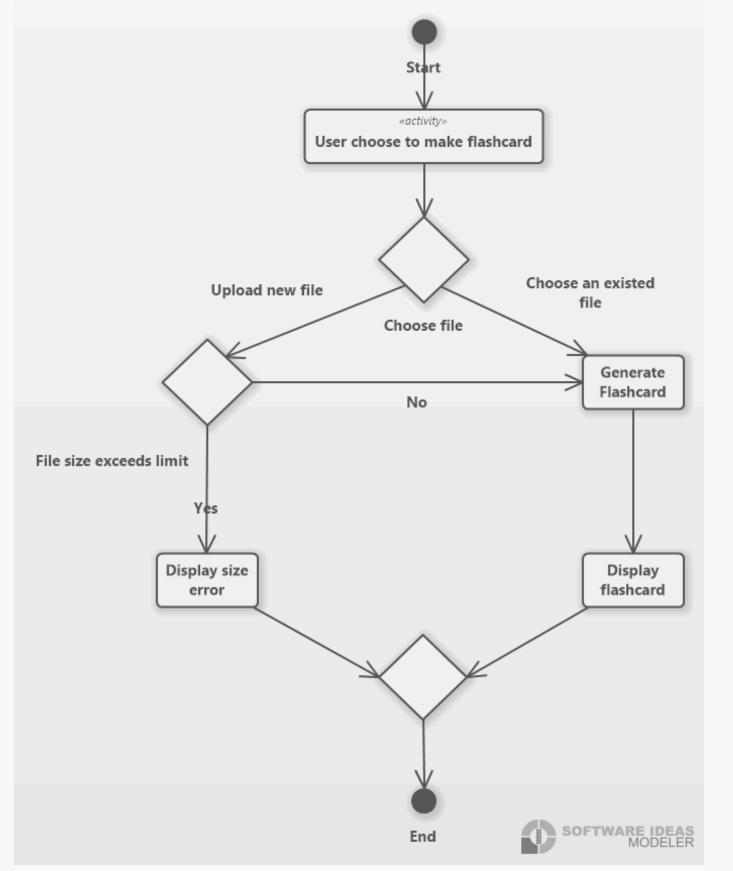


Activity Diagram(Summarize)





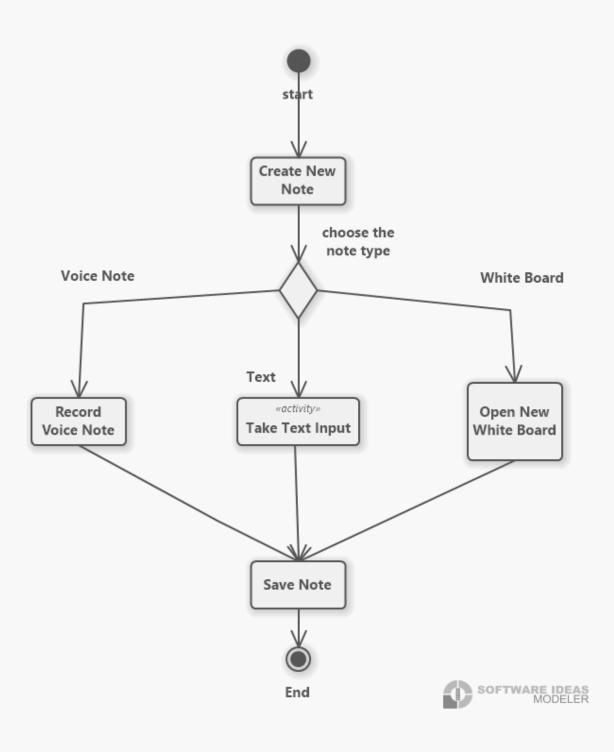
Activity Diagram(Flashcard)





Activity Diagram(Notes)

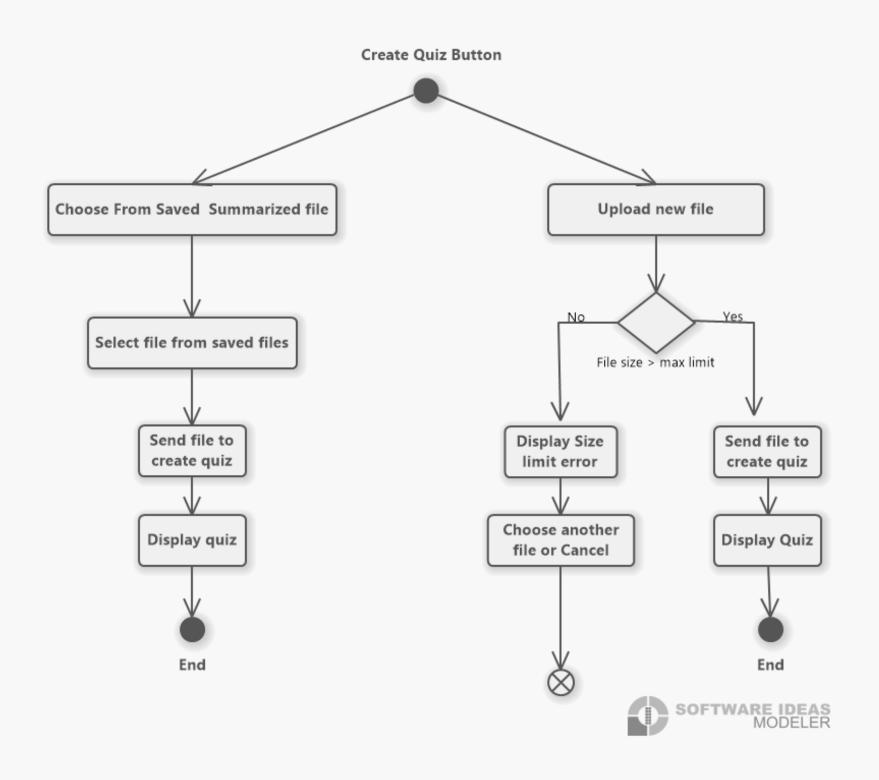






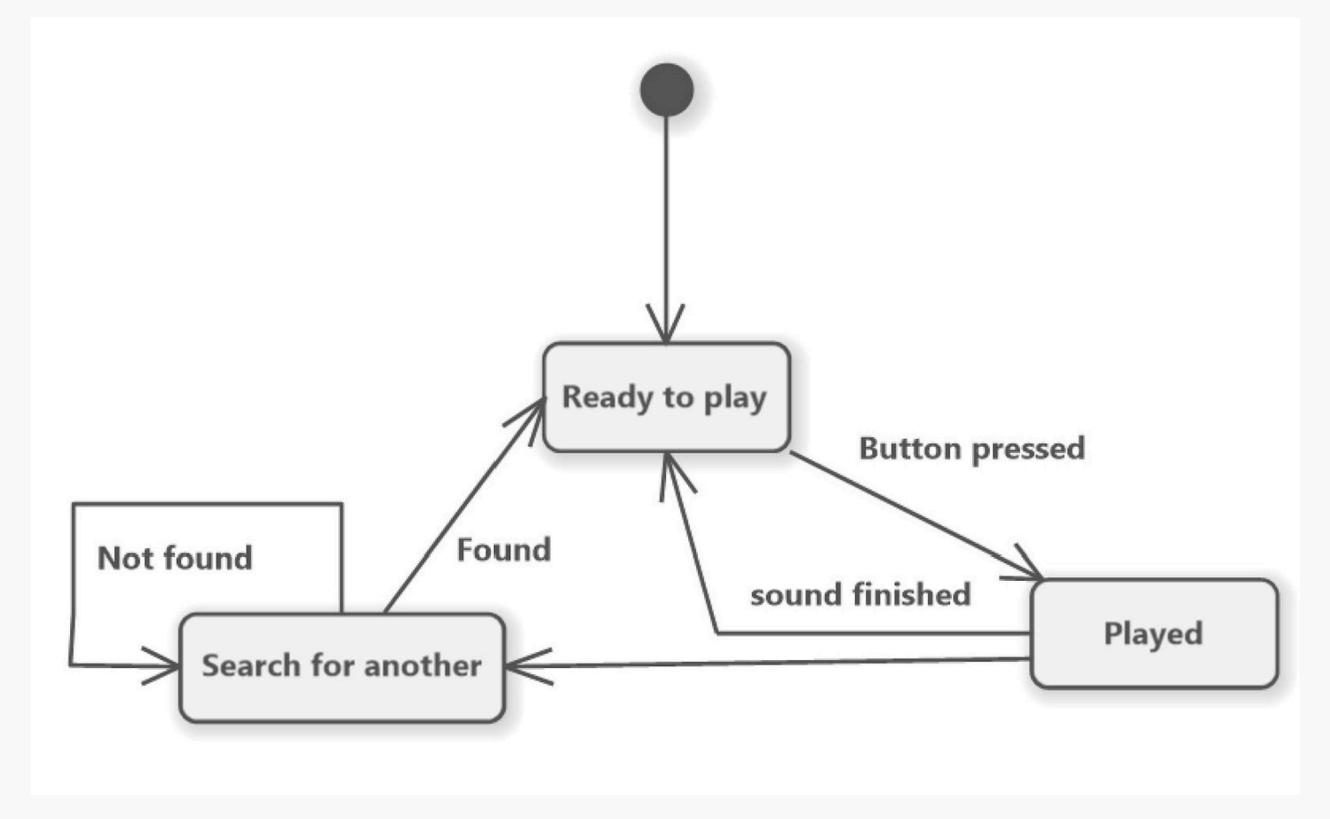
Activity Diagram (Create Quiz)





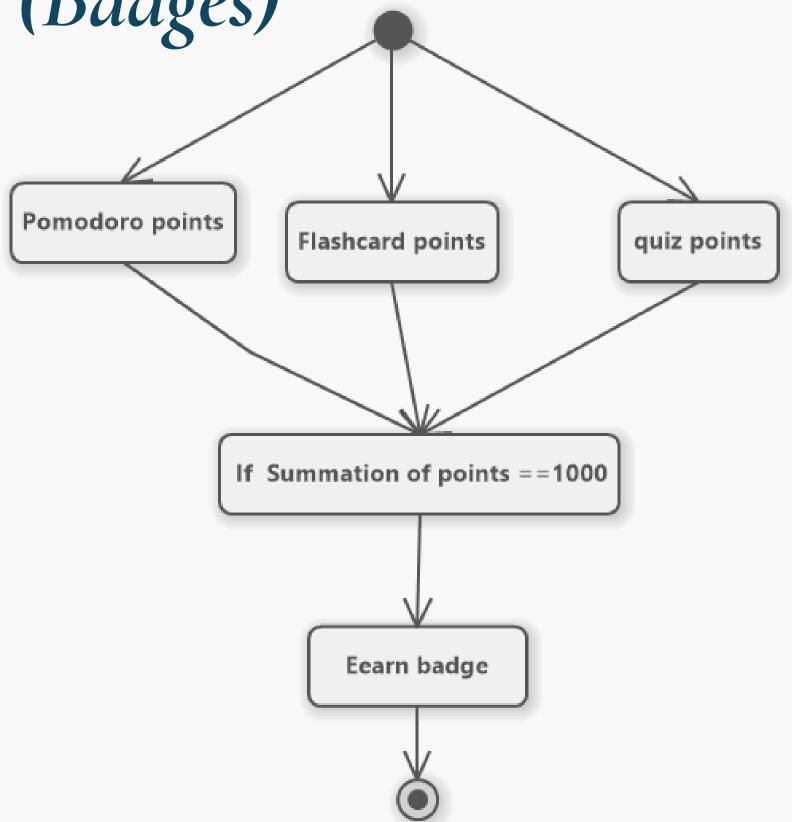


State Diagram(BG - Sound)





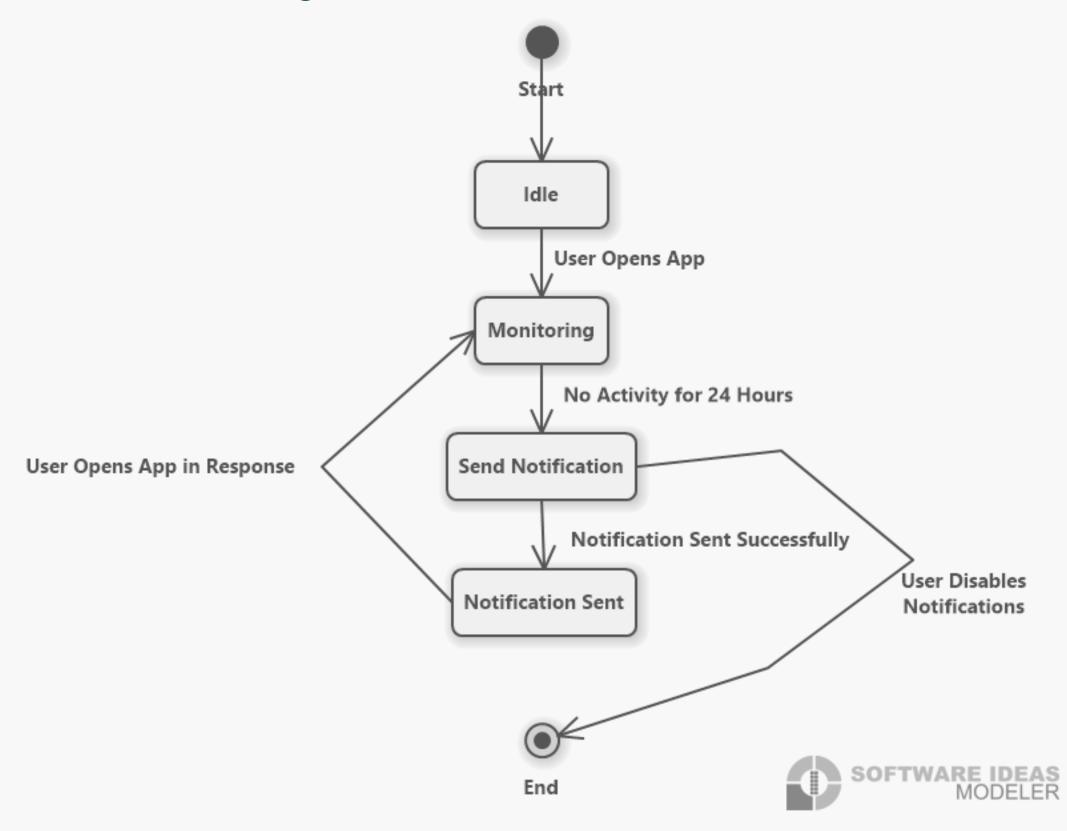
State Diagram (Badges)





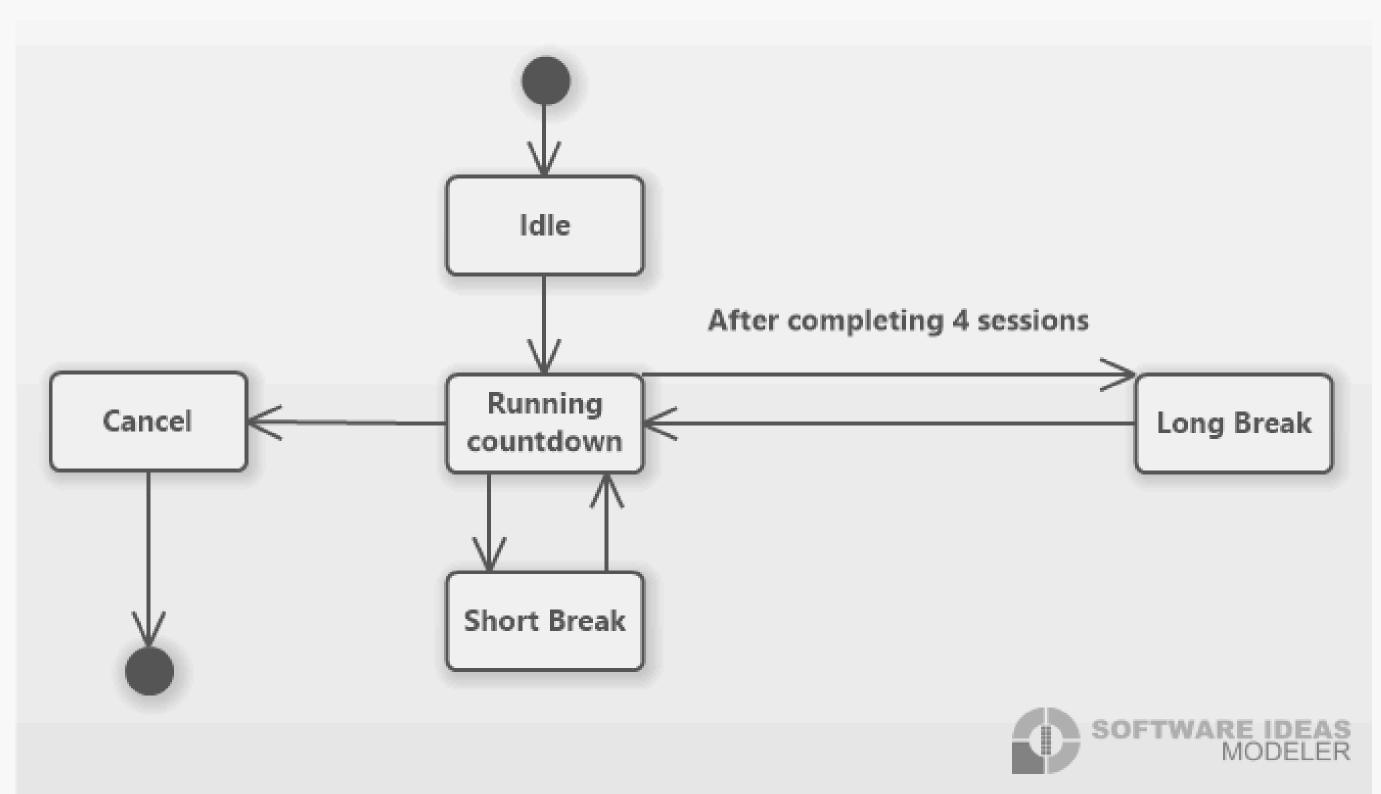


State Diagram (Notification)



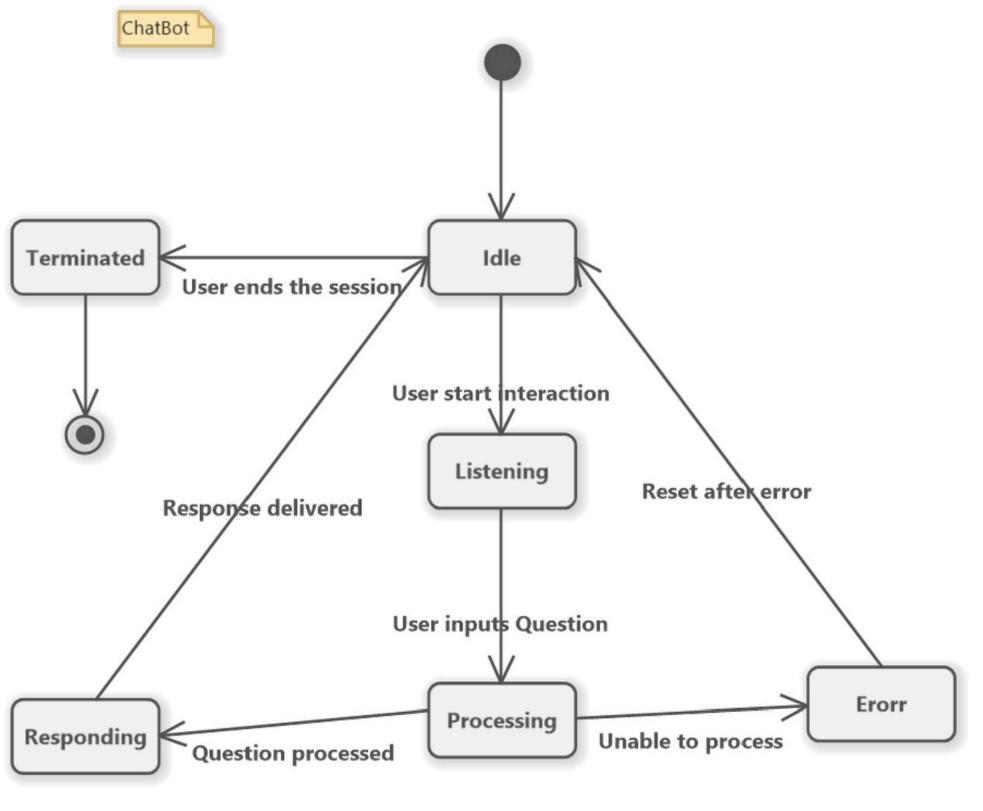


State Diagram (Pomodoro)





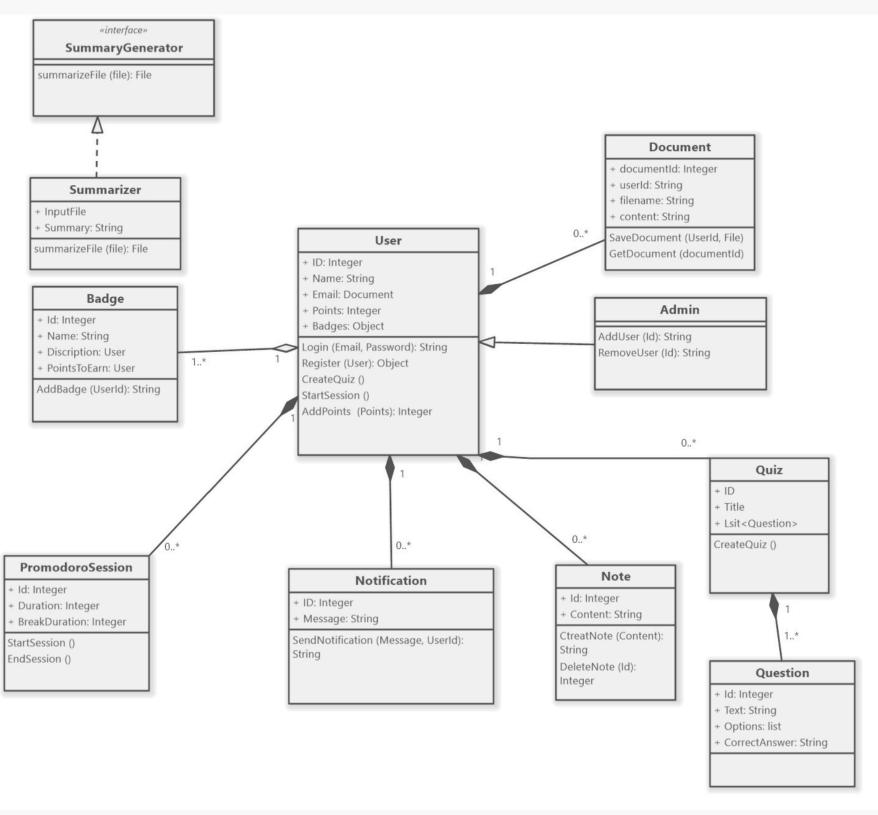
State Diagram (ChatBot)





Class Diagram

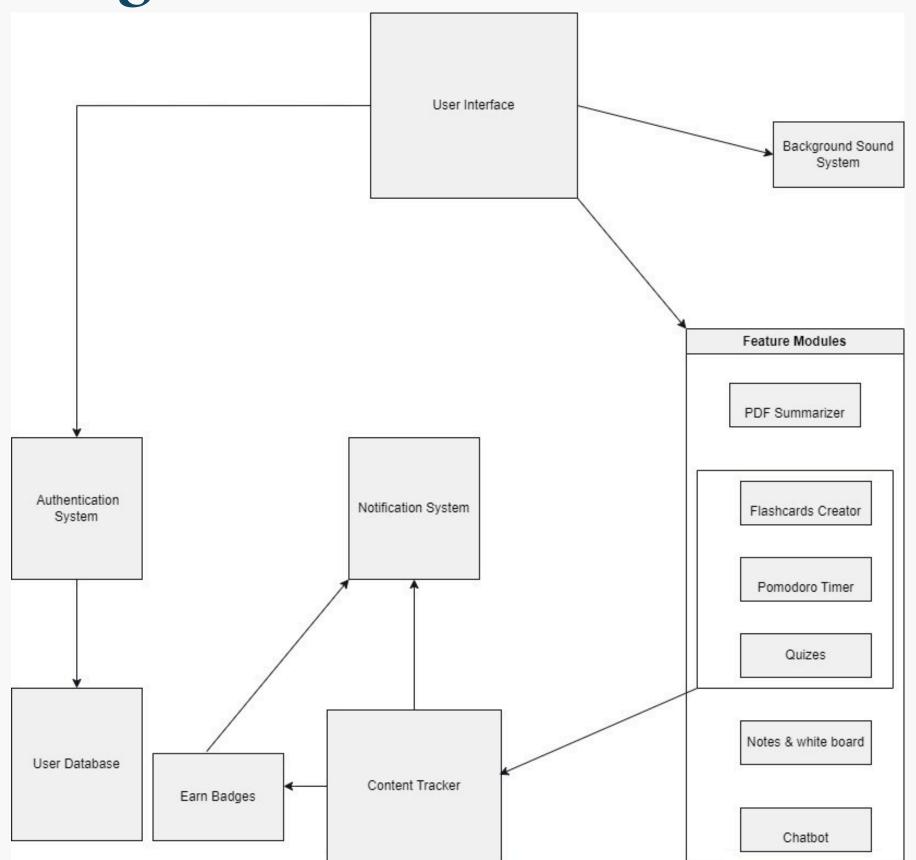






Architecture Diagram







Thank you