



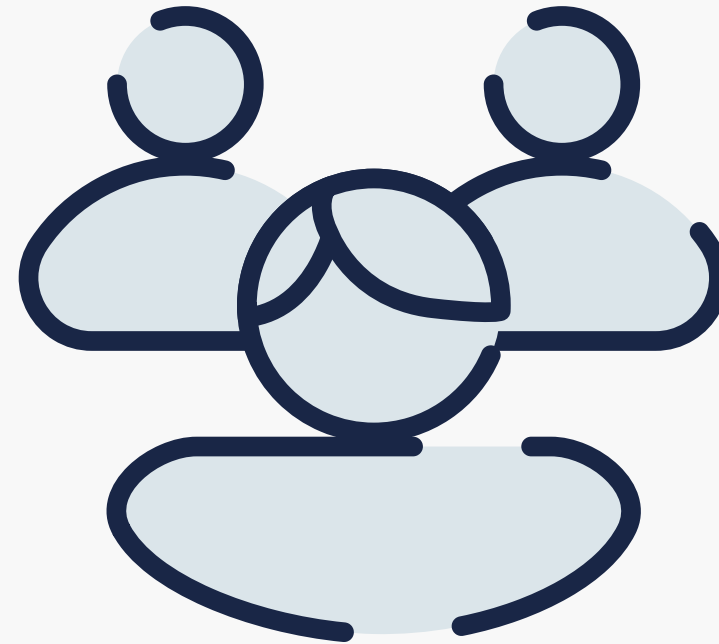
# *Study Mate*

Your Ideal Study Partner

Software Engineering



# *Team Members*



**Zaid Yousef**

Backend Engineer

**Ahmed Ashraf**

Backend Engineer

**Sama Mohamed**

AI Engineer

**Ziad Hossam**

Cloud Engineer

**Salma Elmaghawry**

Flutter Developer

**Somaya Hussien**

UI/Ux Designer



# *Project Idea*



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**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**.

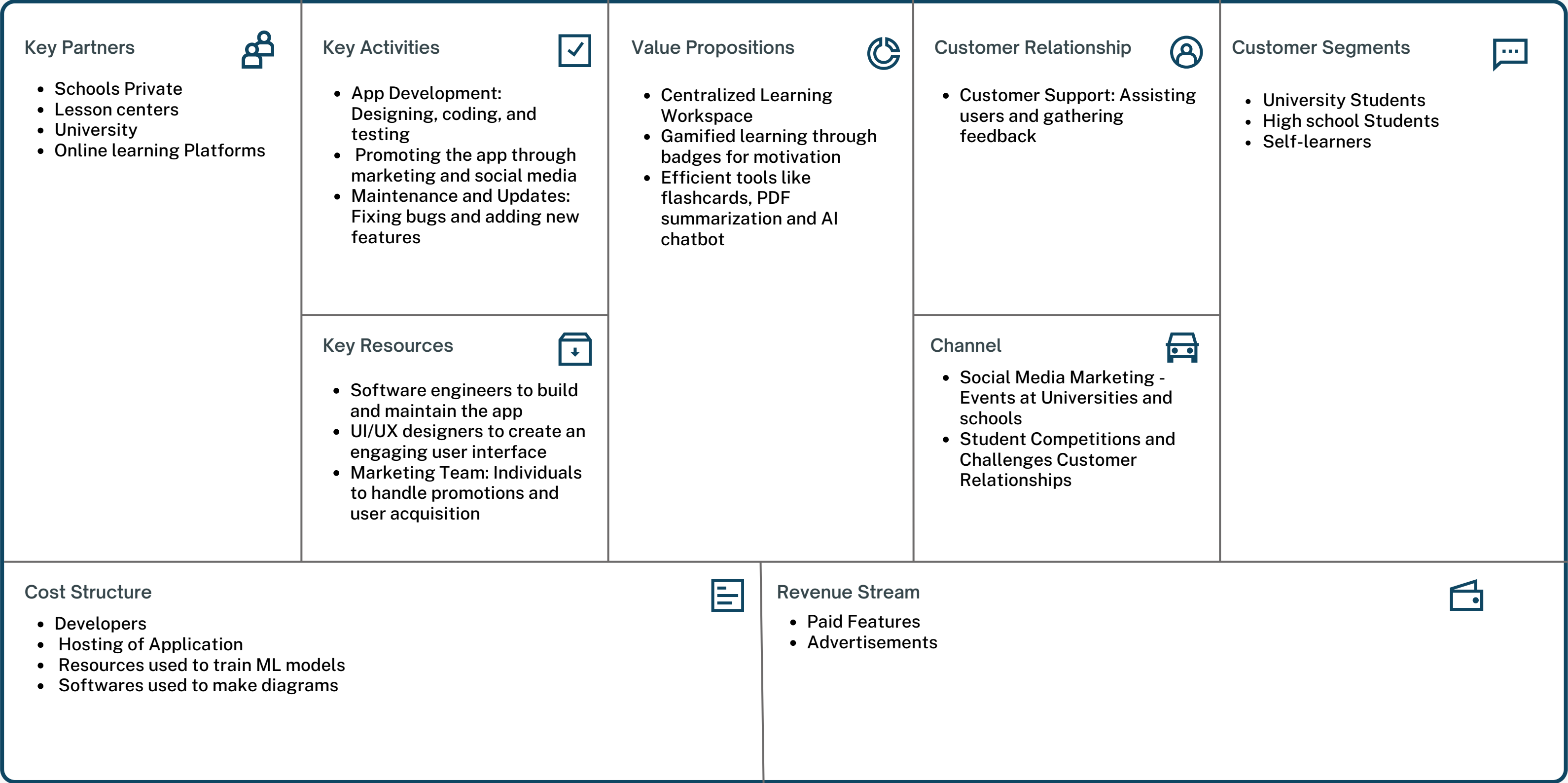
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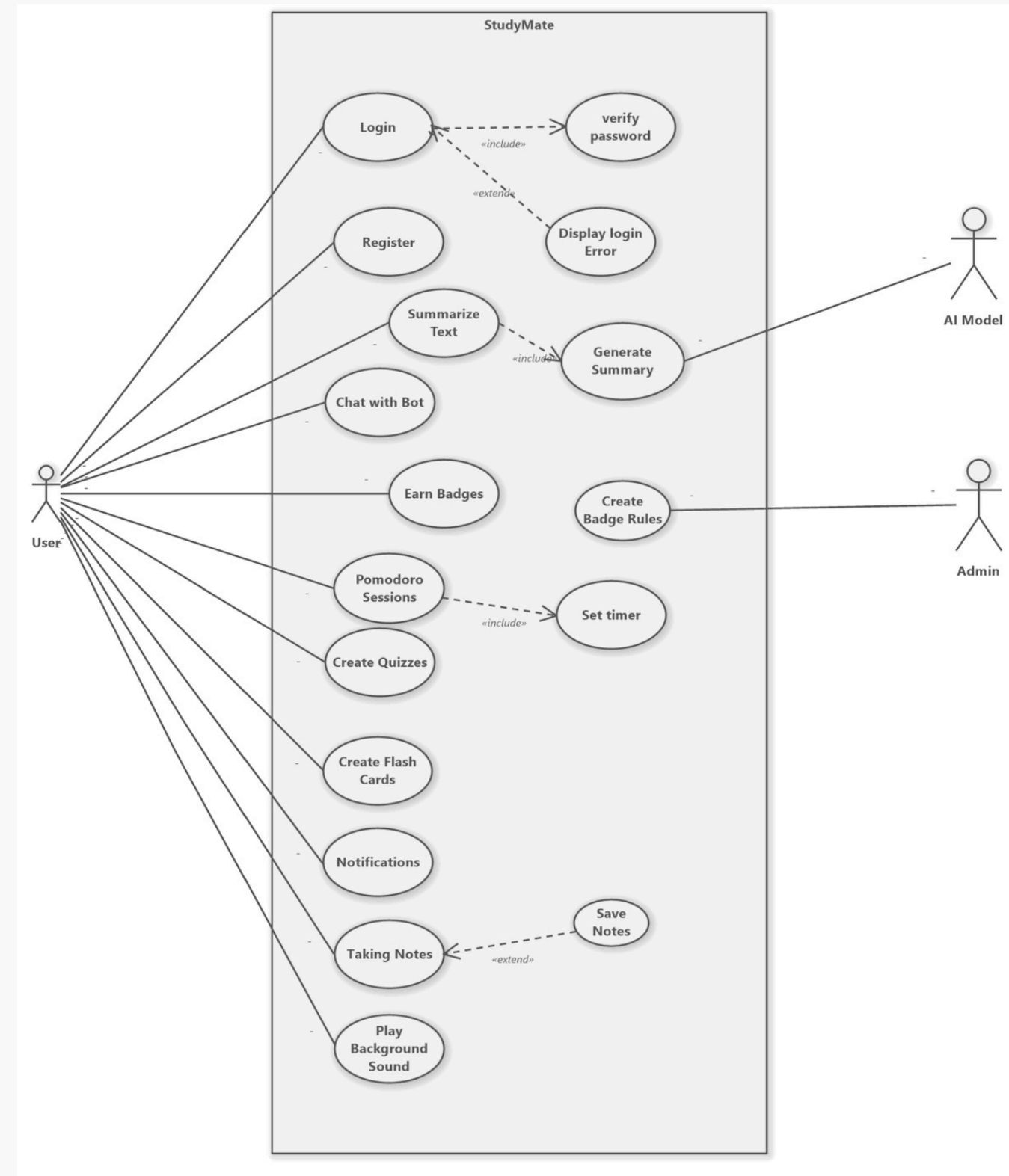
# Competitors

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

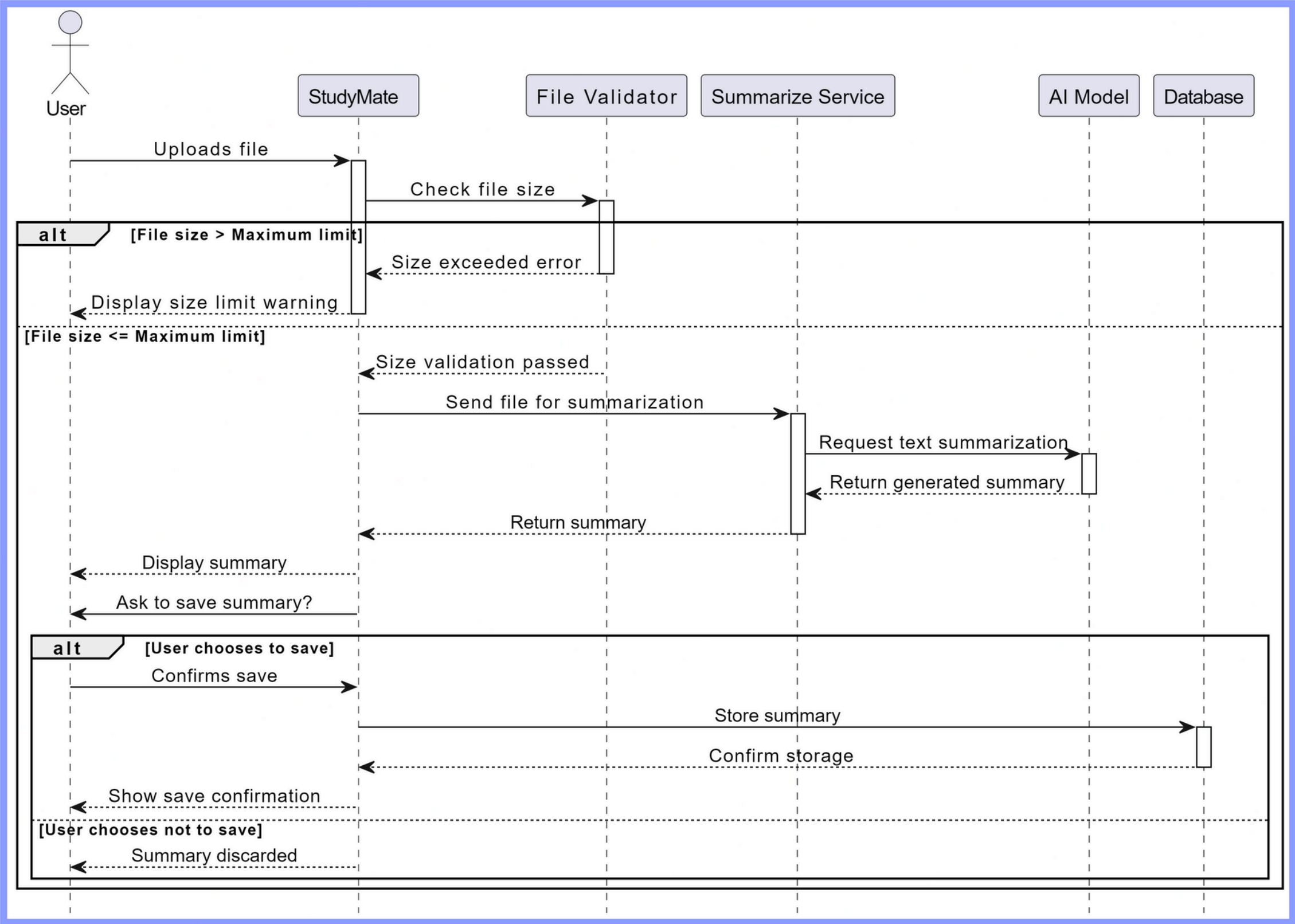
# Business Model



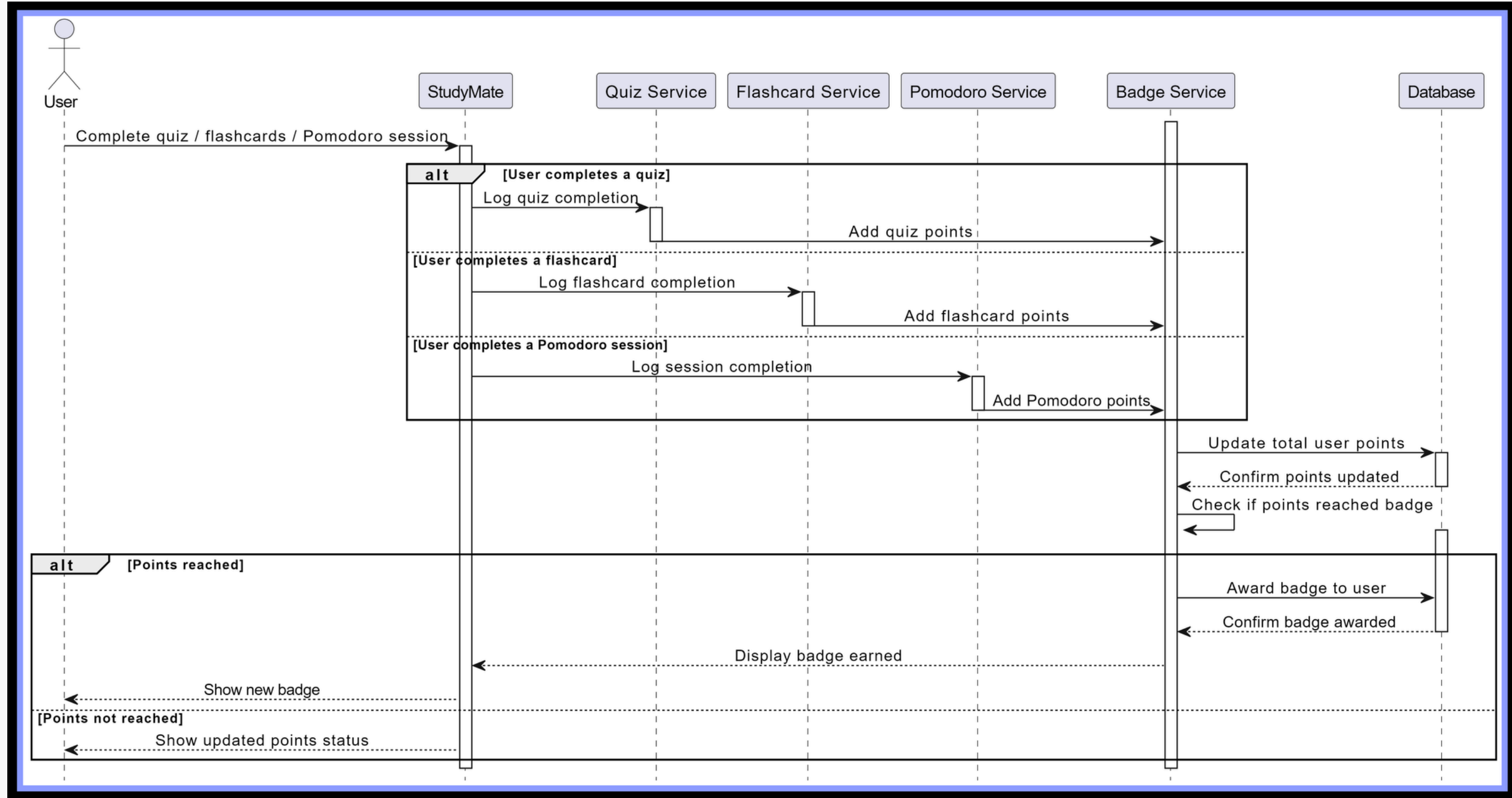
# Use Case Diagram



# Sequence Diagram (summarize)

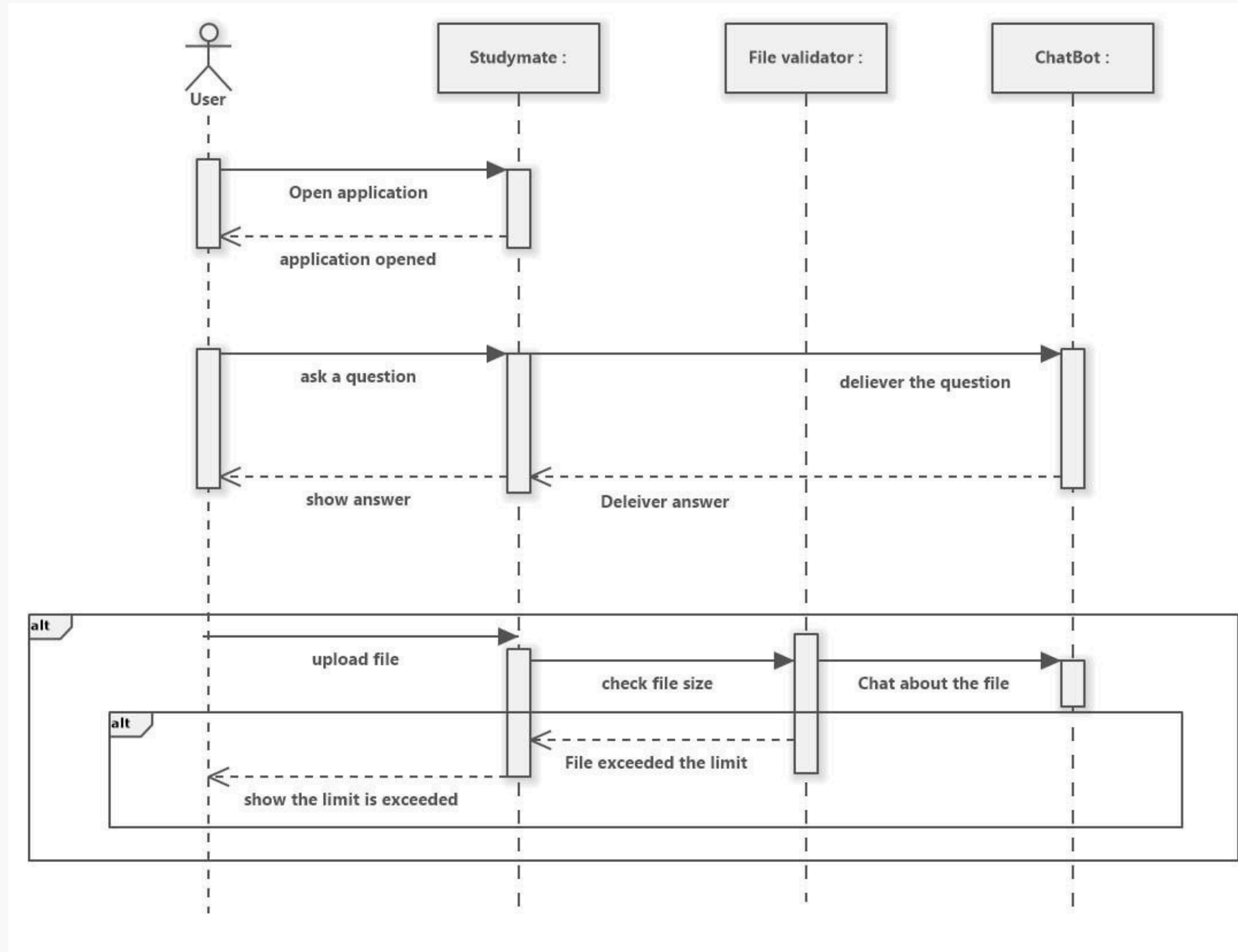


# Sequence Diagram (Earn Badges)

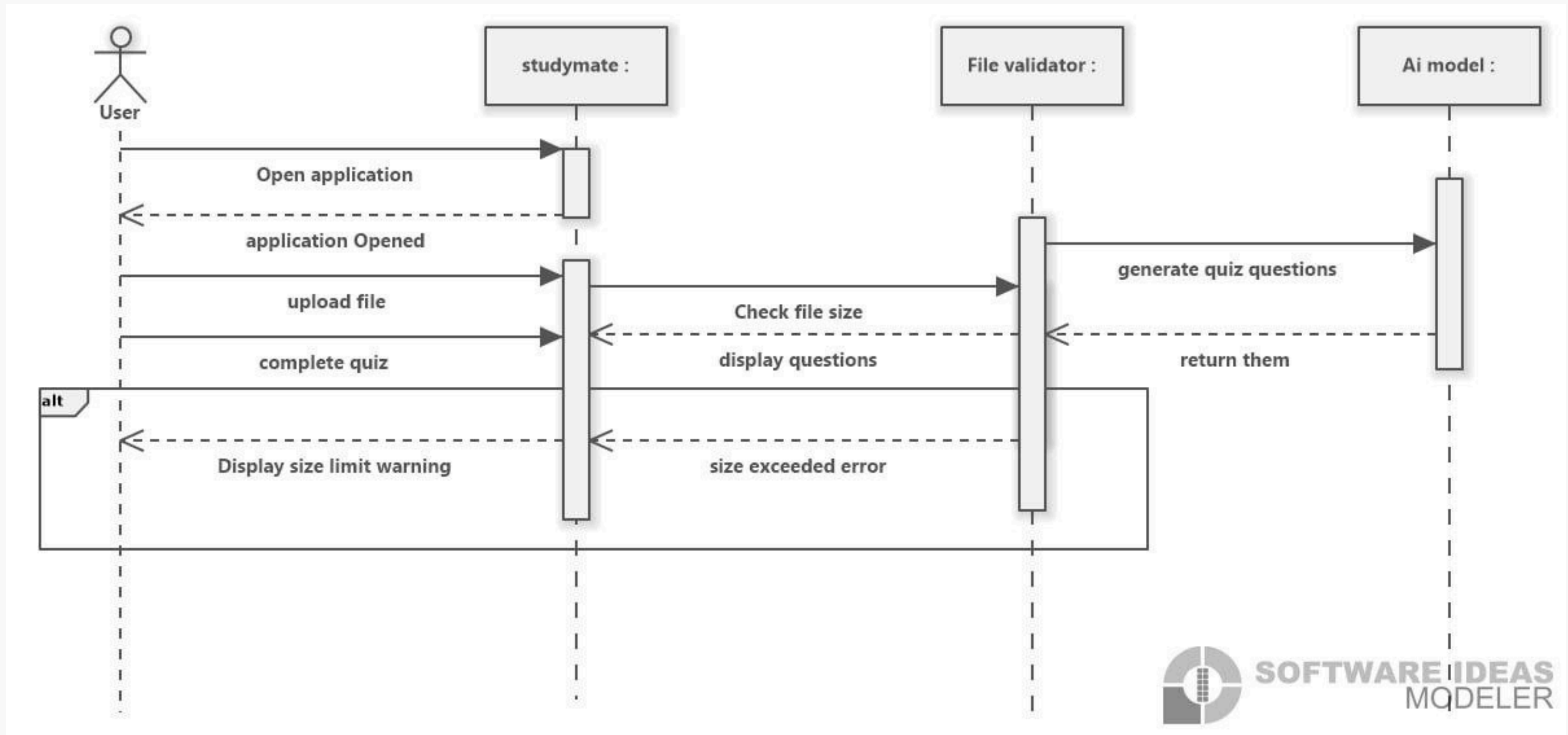




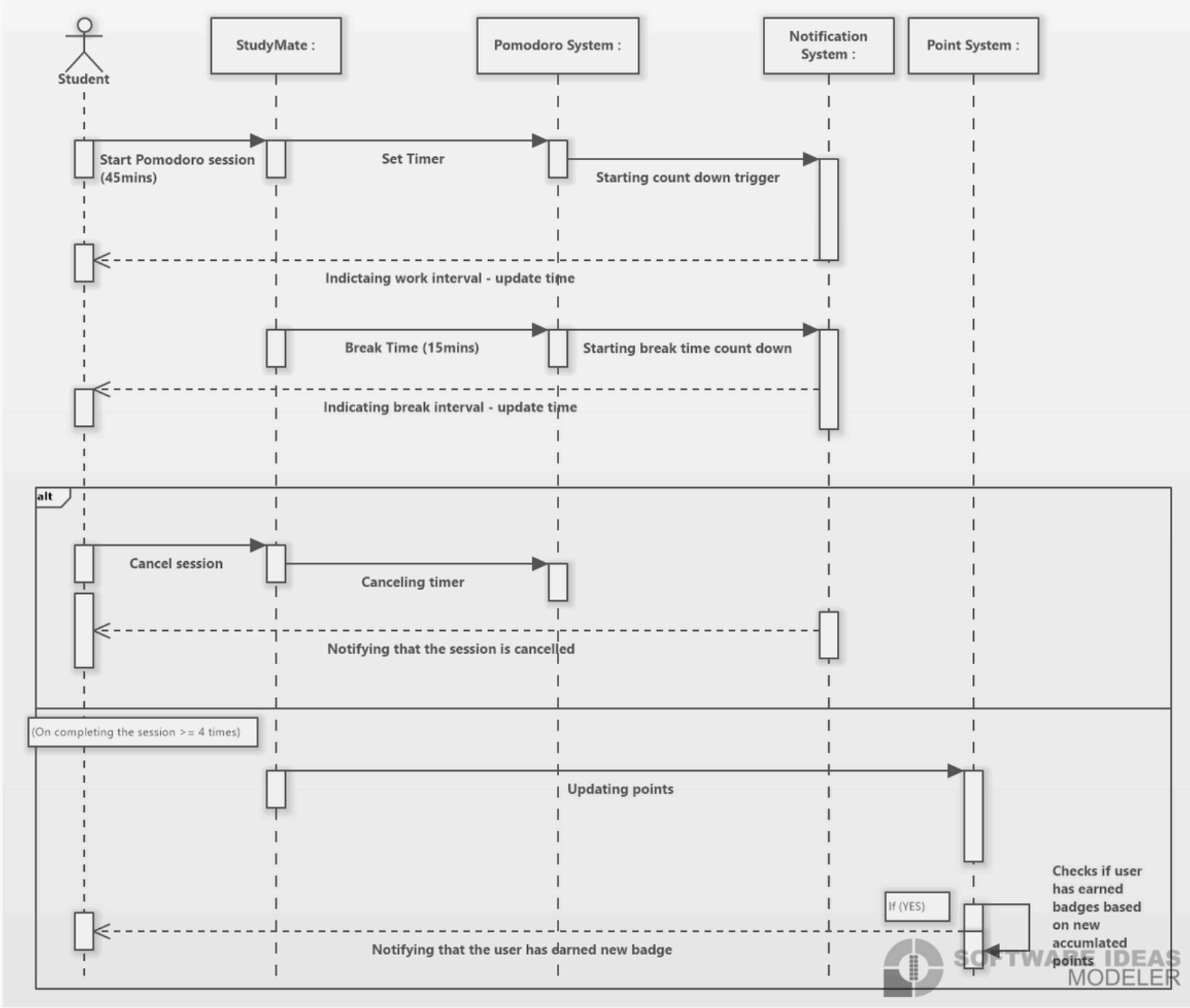
# Sequence Diagram (ChatBot)



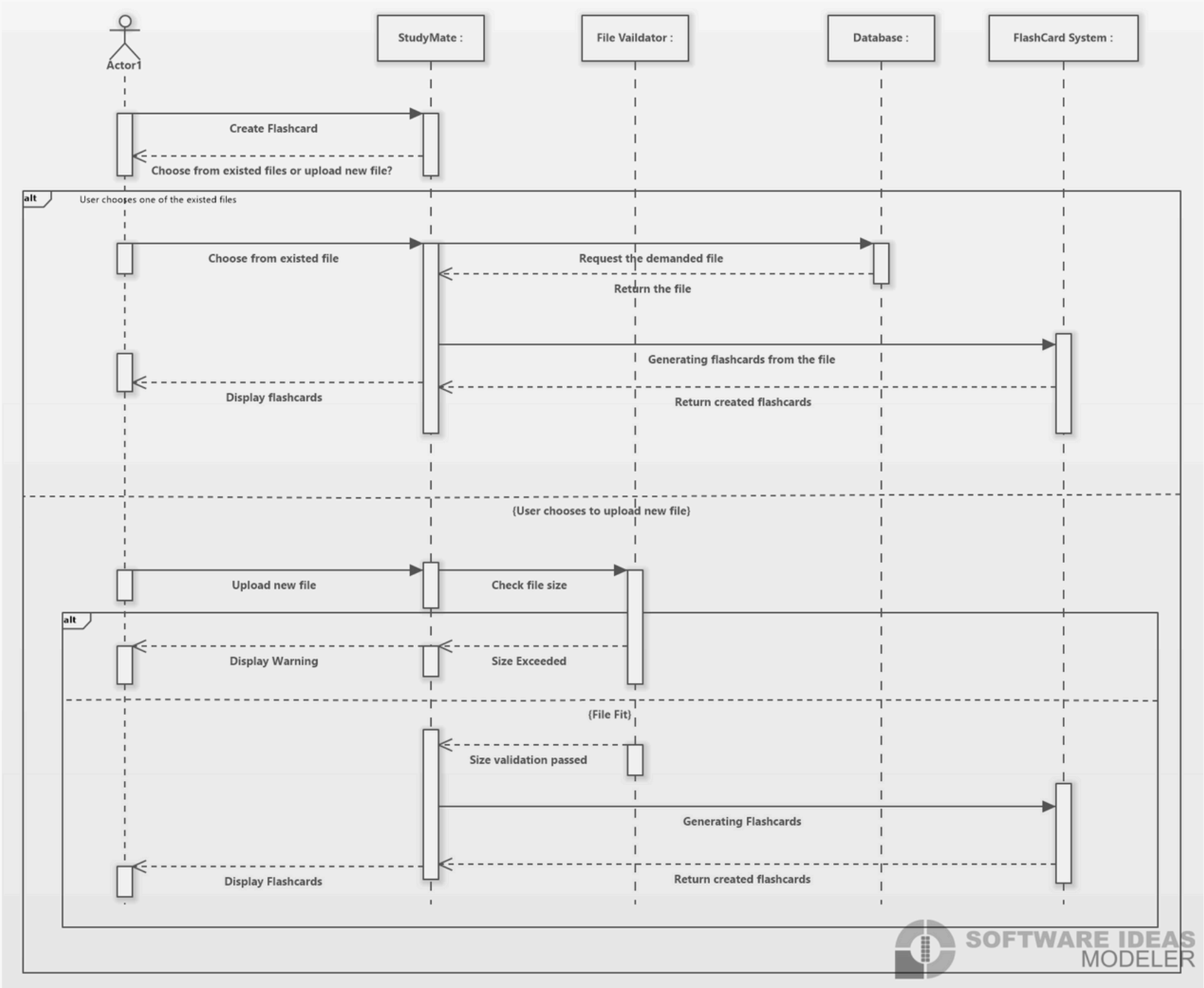
# Sequence Diagram (Create quizzes)



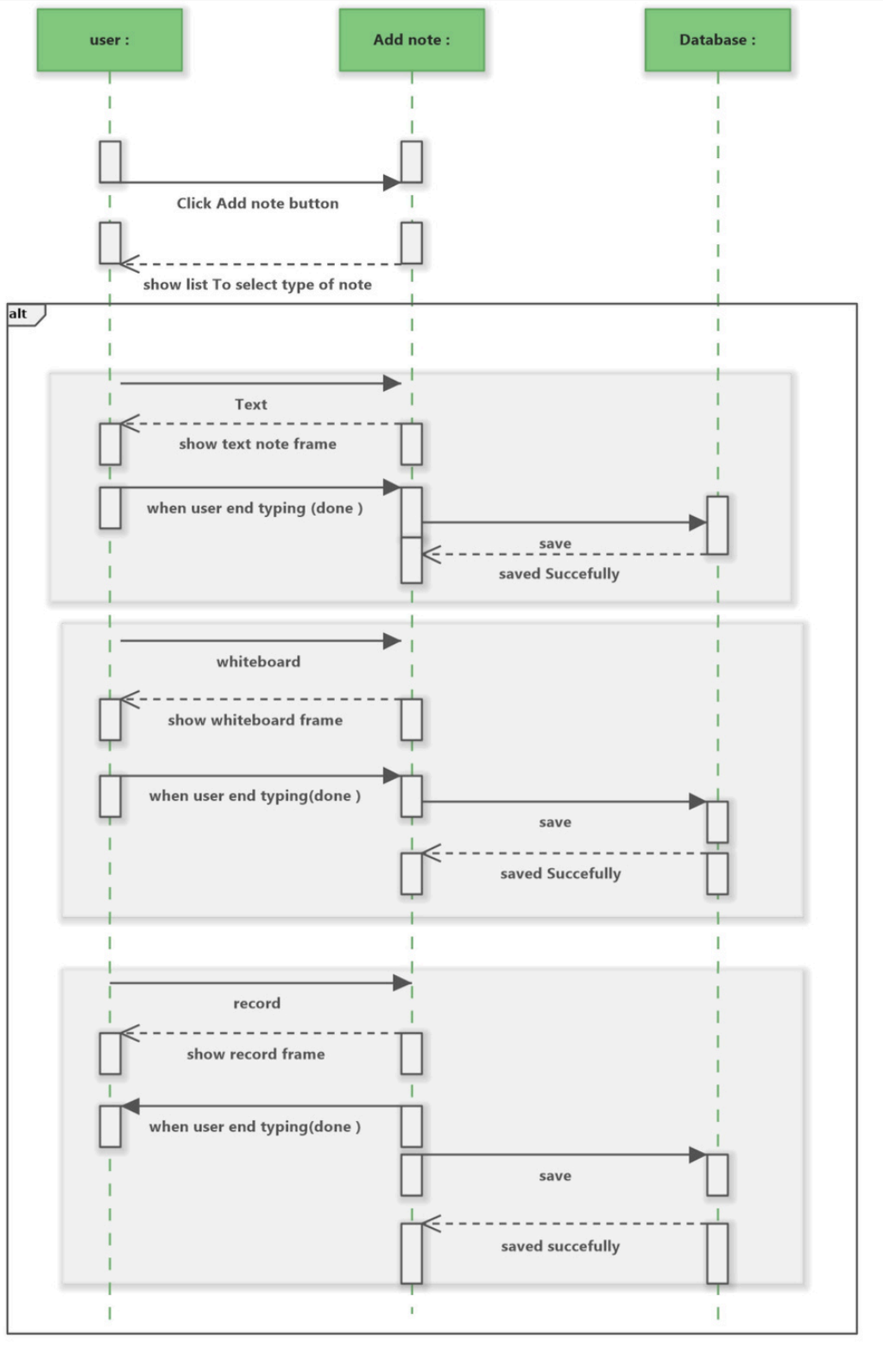
# Sequence Diagram(Pomodoro)



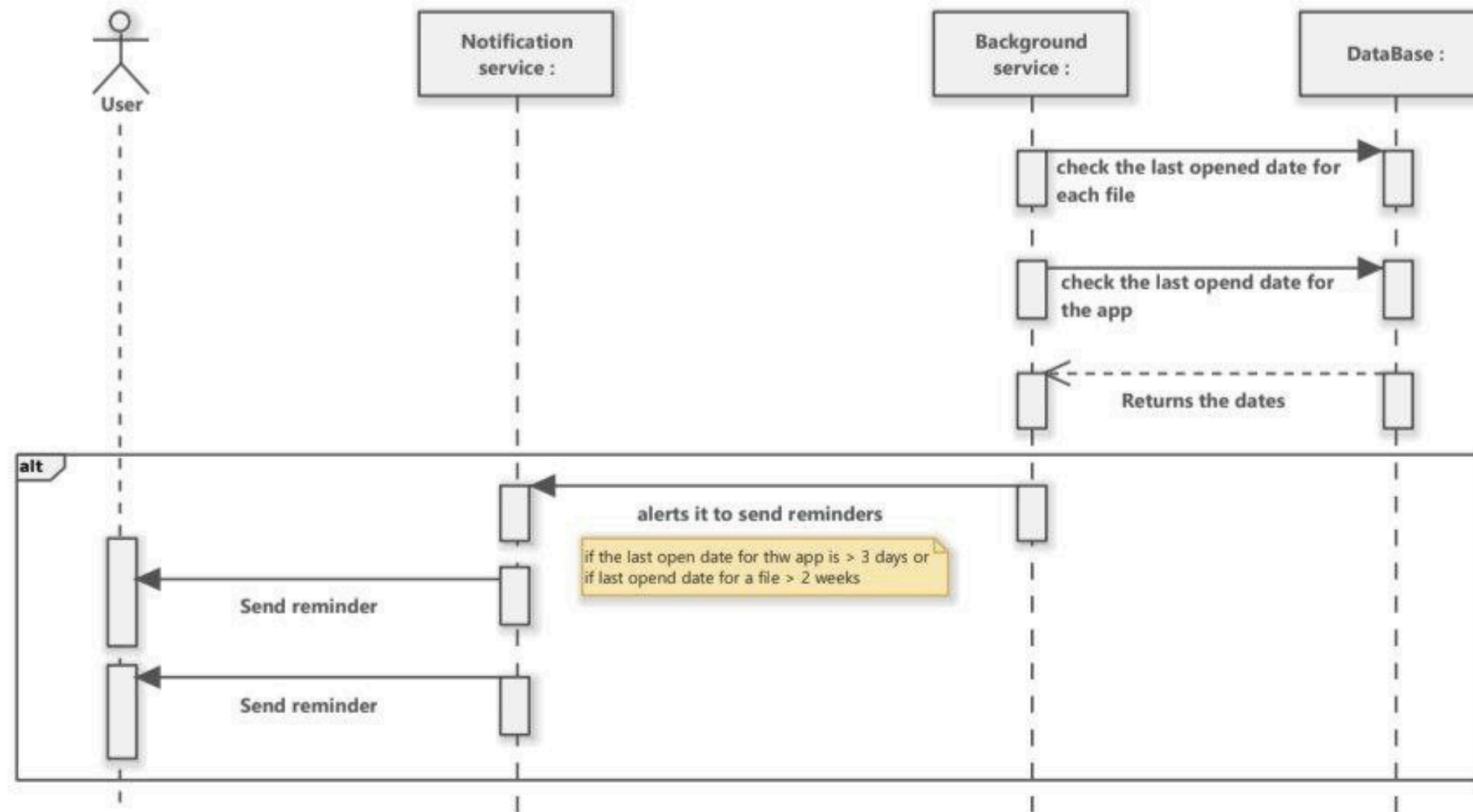
# Sequence Diagram (FlashCards)



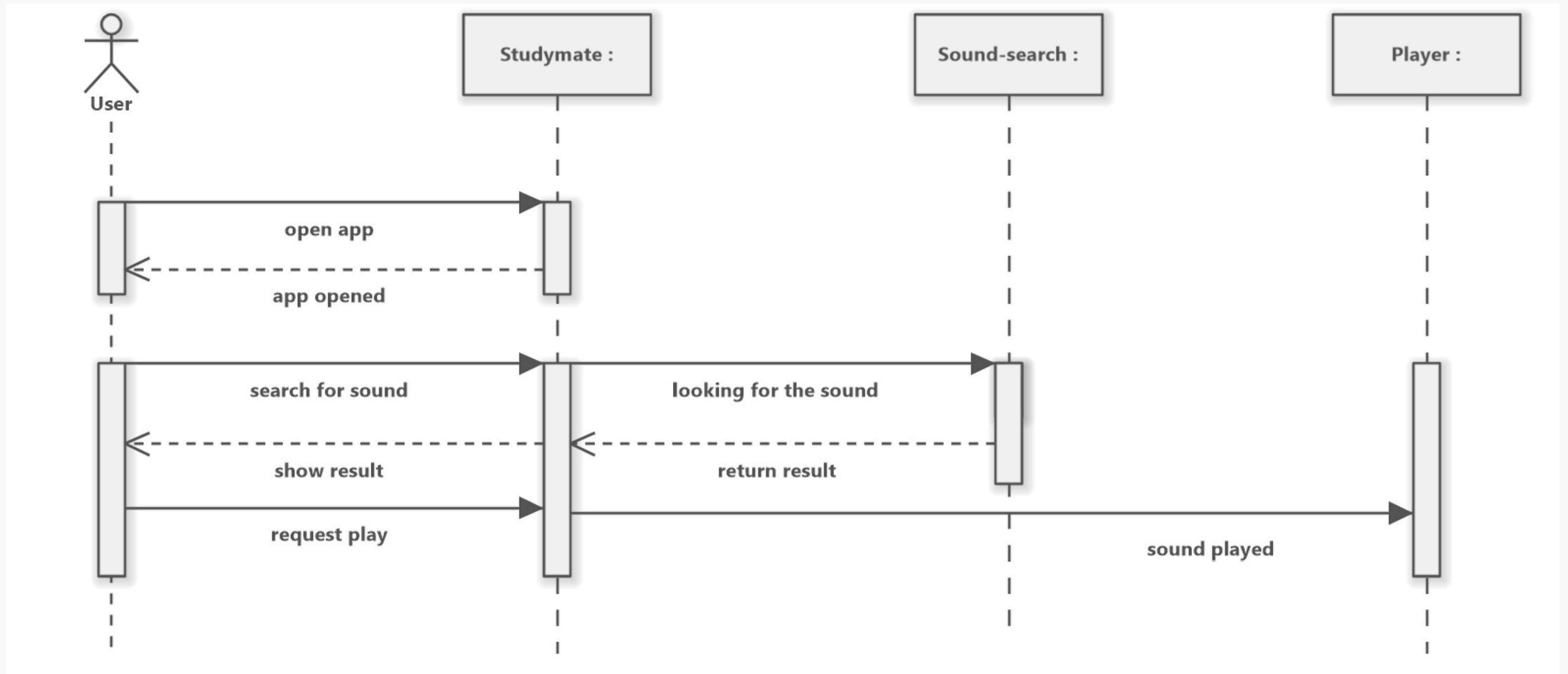
# Sequence Diagram (Take Notes)



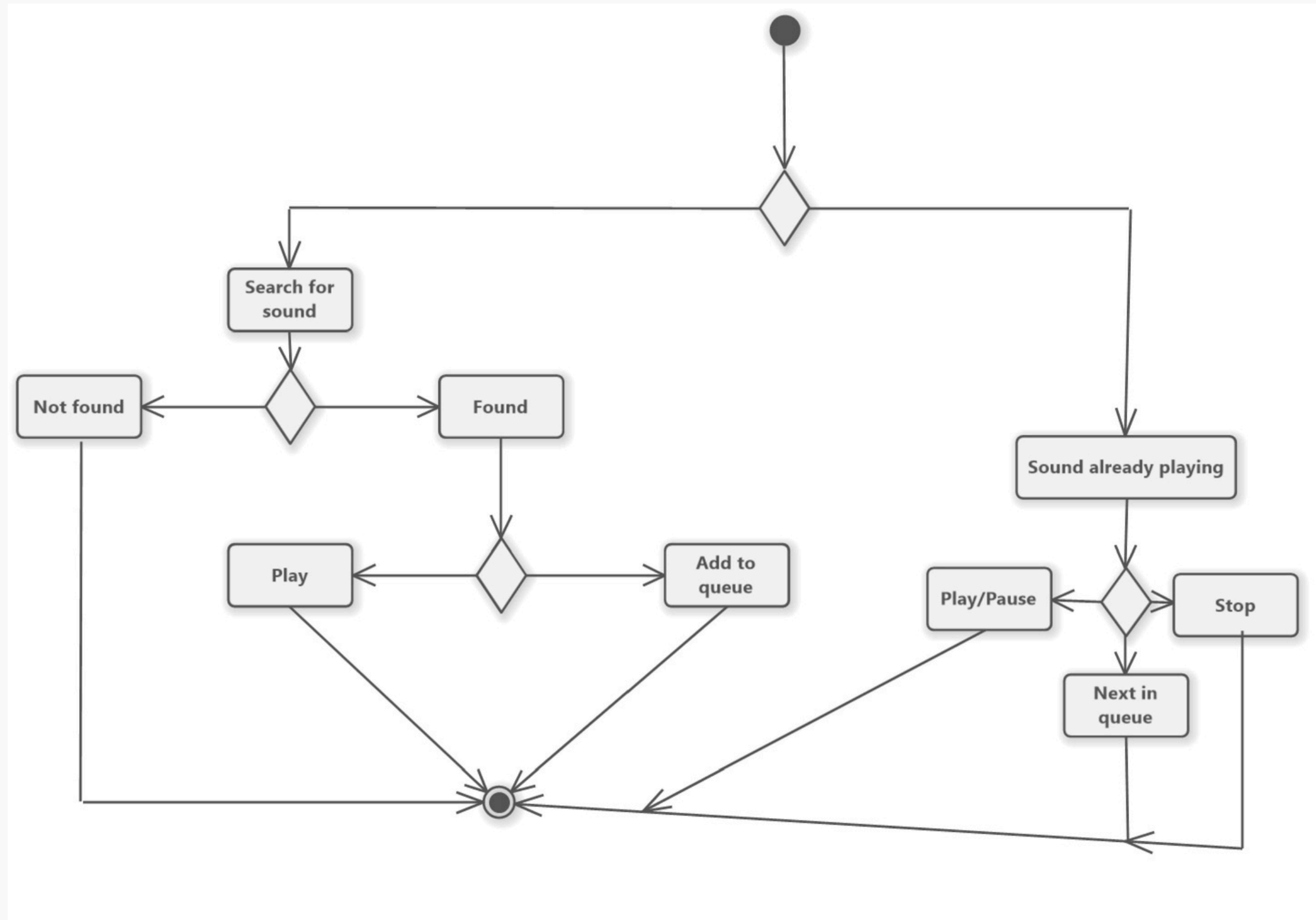
# Sequence Diagram(Notifications)



# Sequence Diagram (BG - Sound)

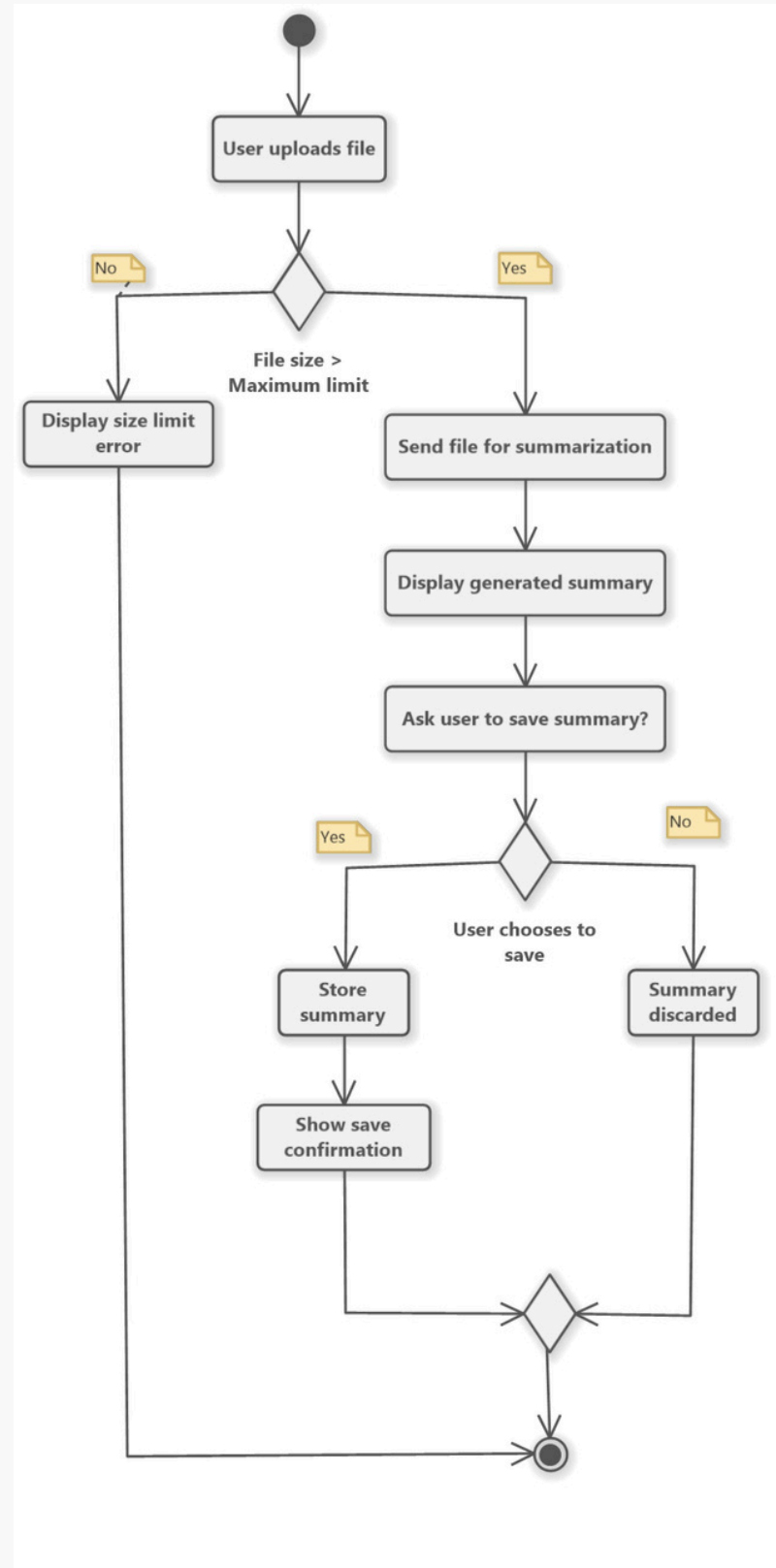


# Activity Diagram(Background Sound)

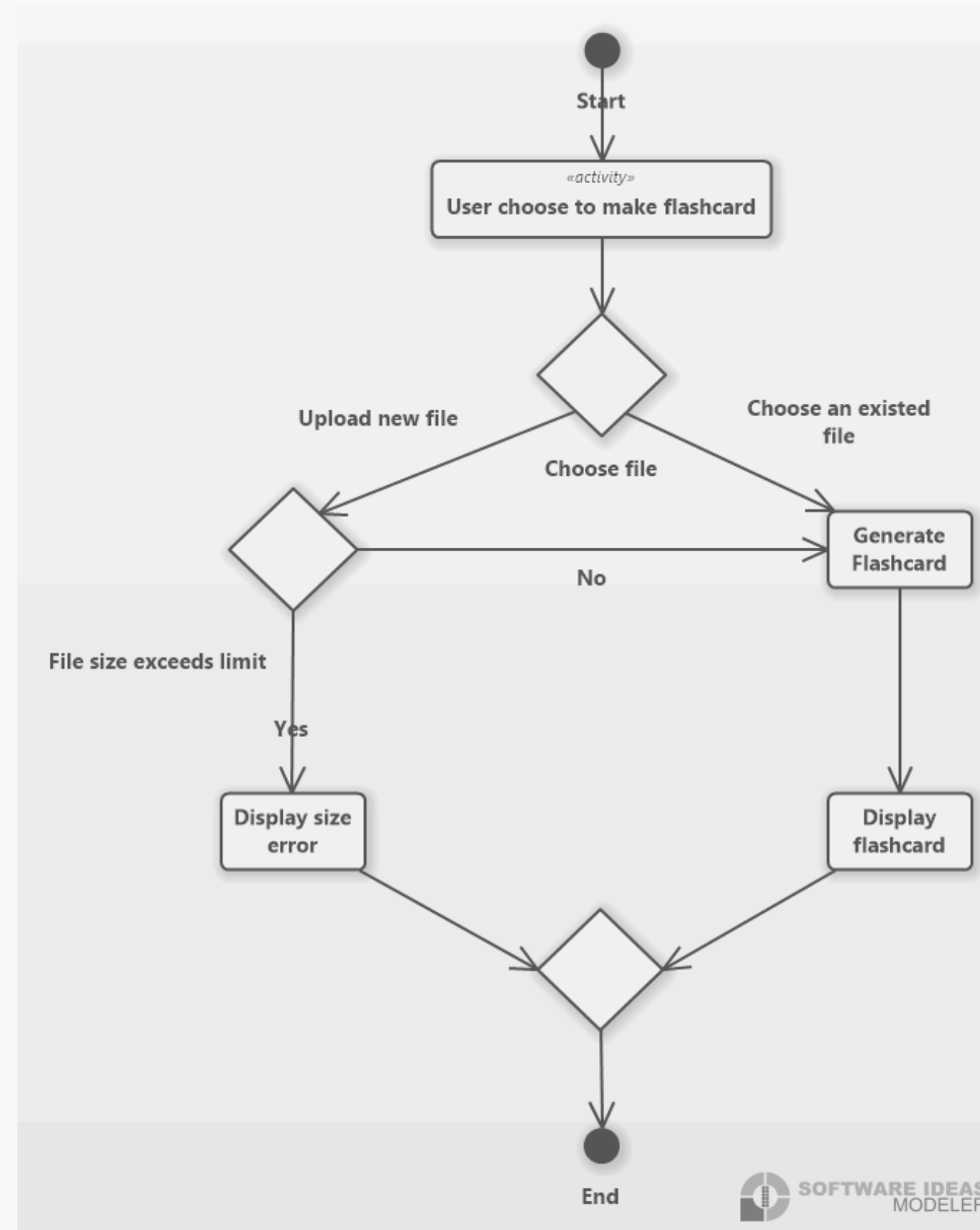




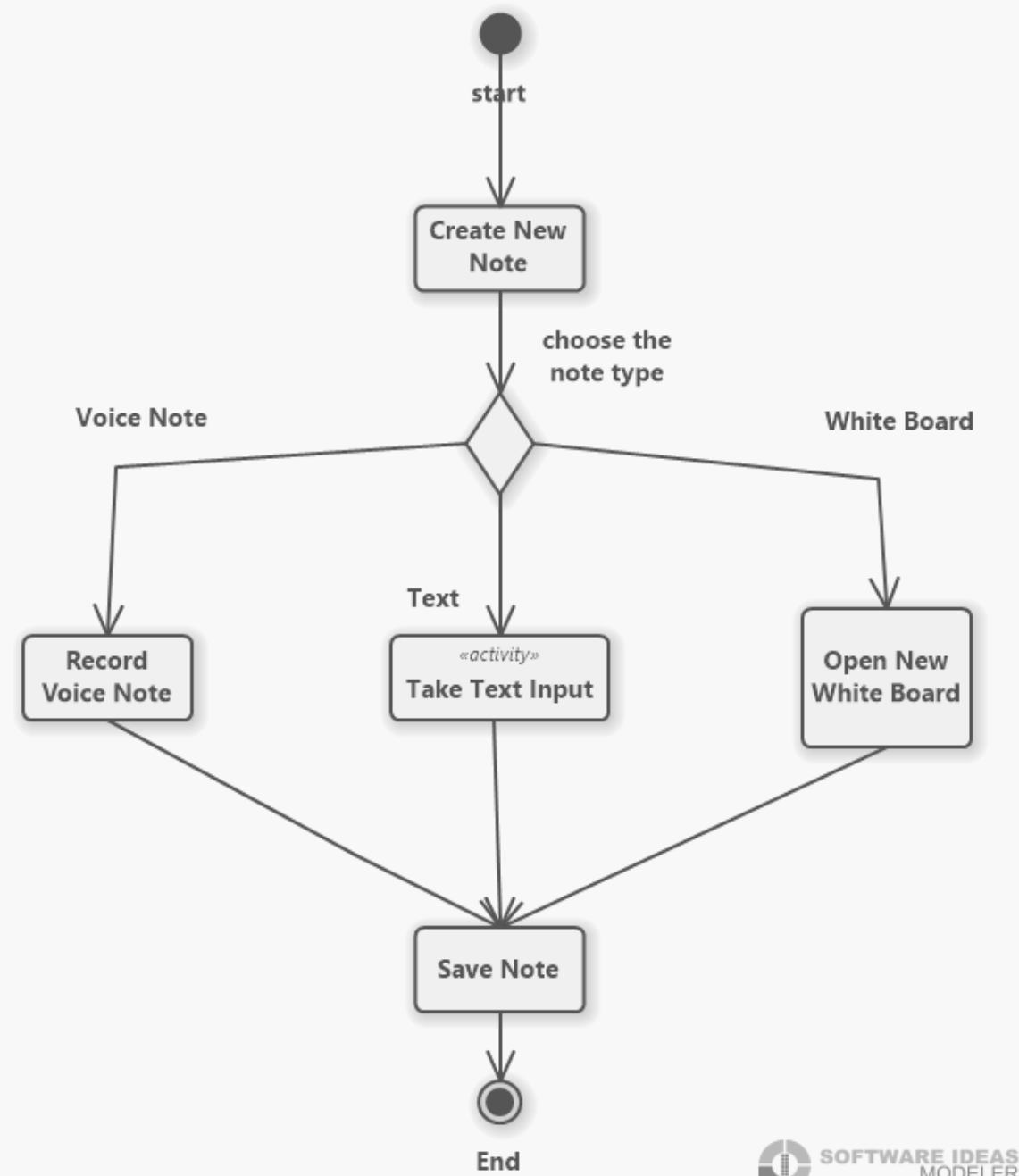
# Activity Diagram(Summarize)



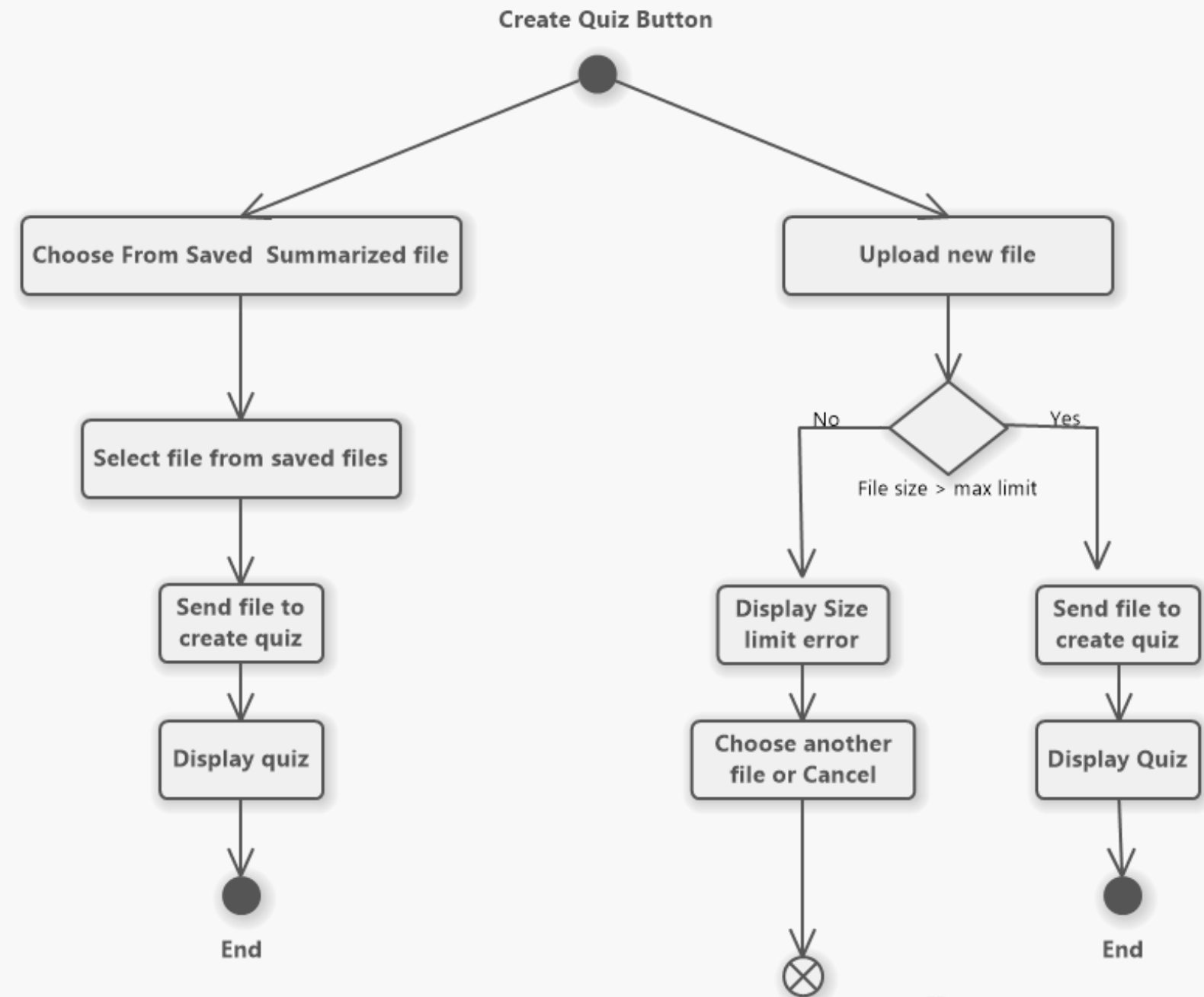
# Activity Diagram(Flashcard)



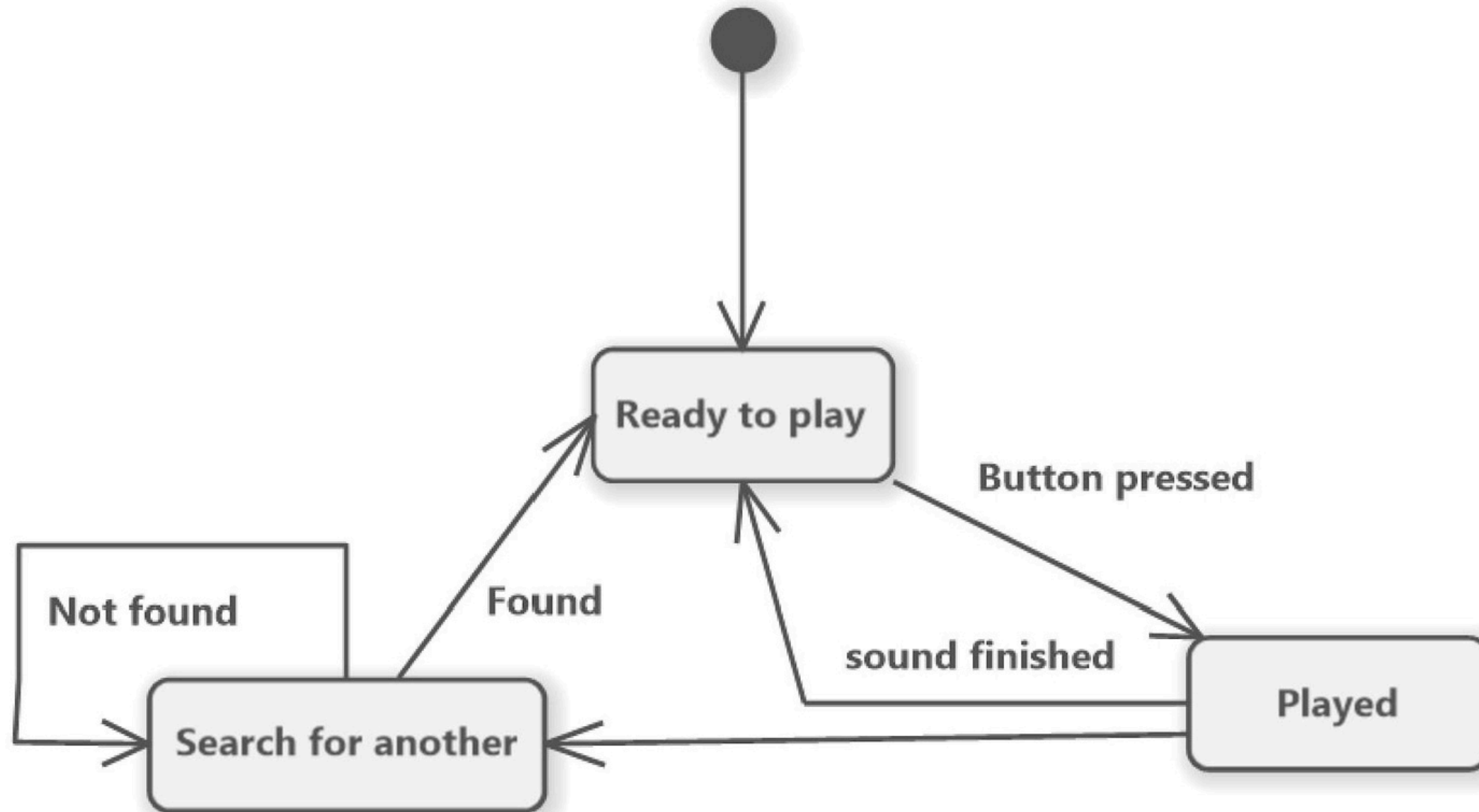
# Activity Diagram(Notes )



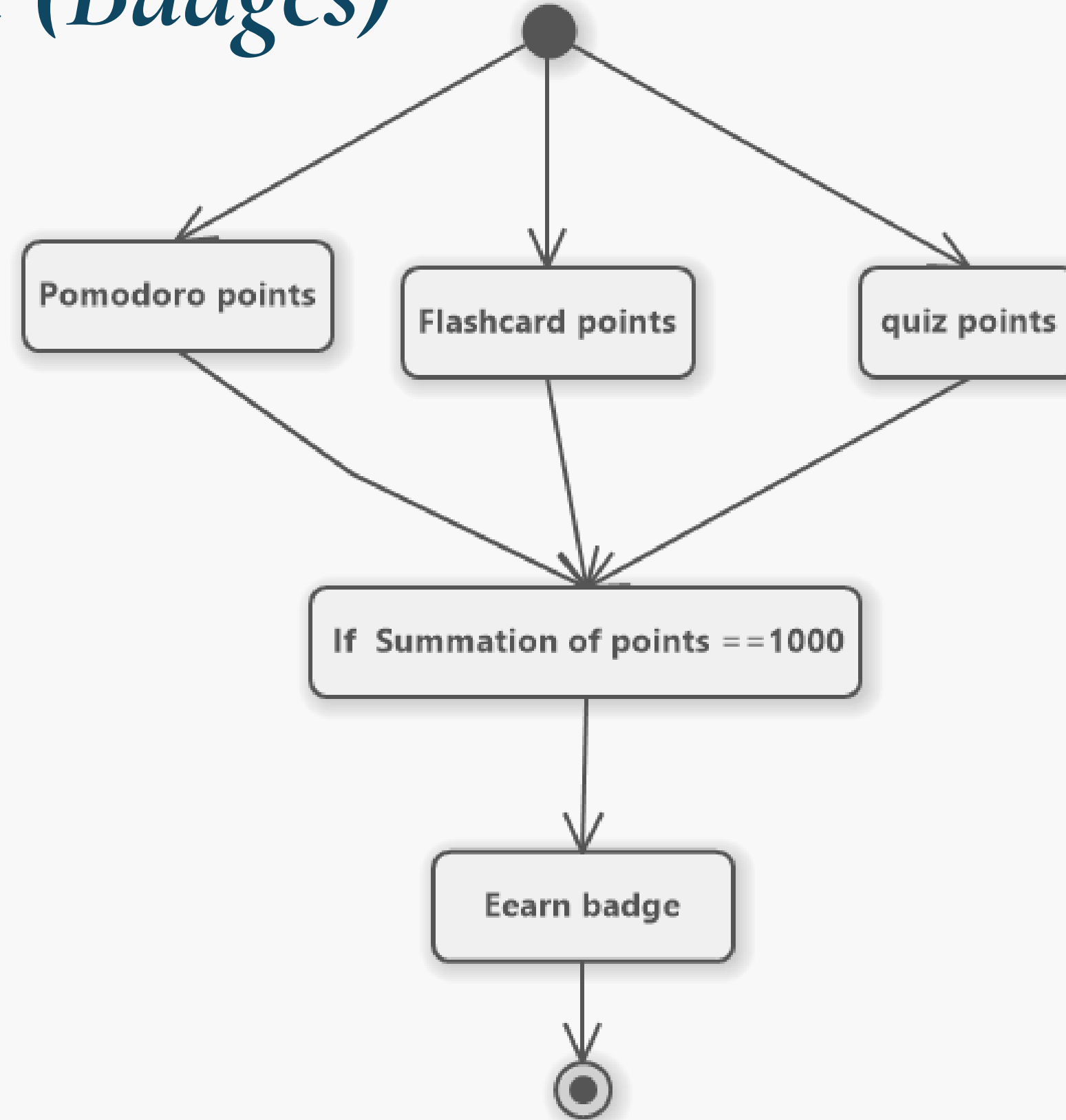
# Activity Diagram( Create Quiz)



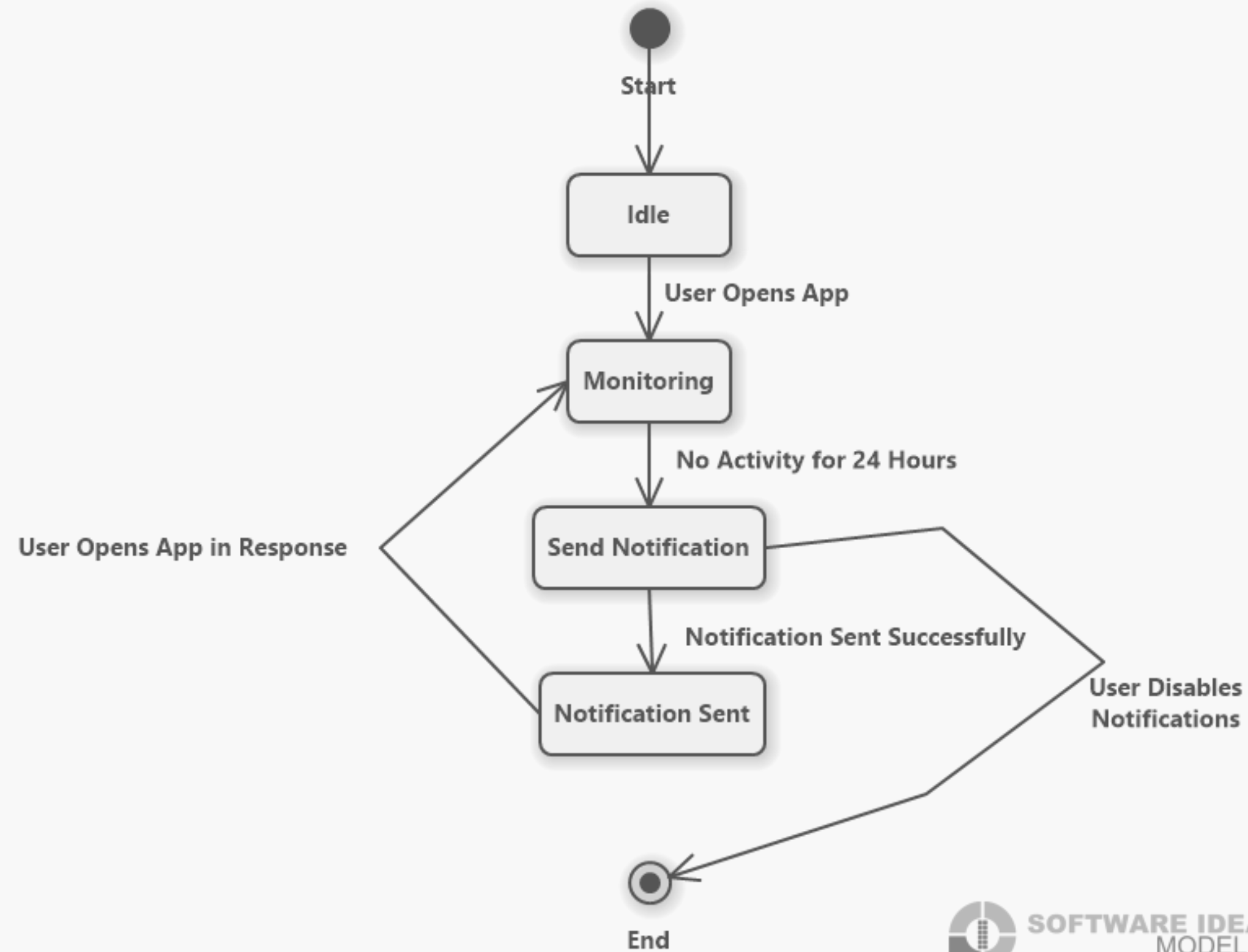
# State Diagram(BG - Sound)



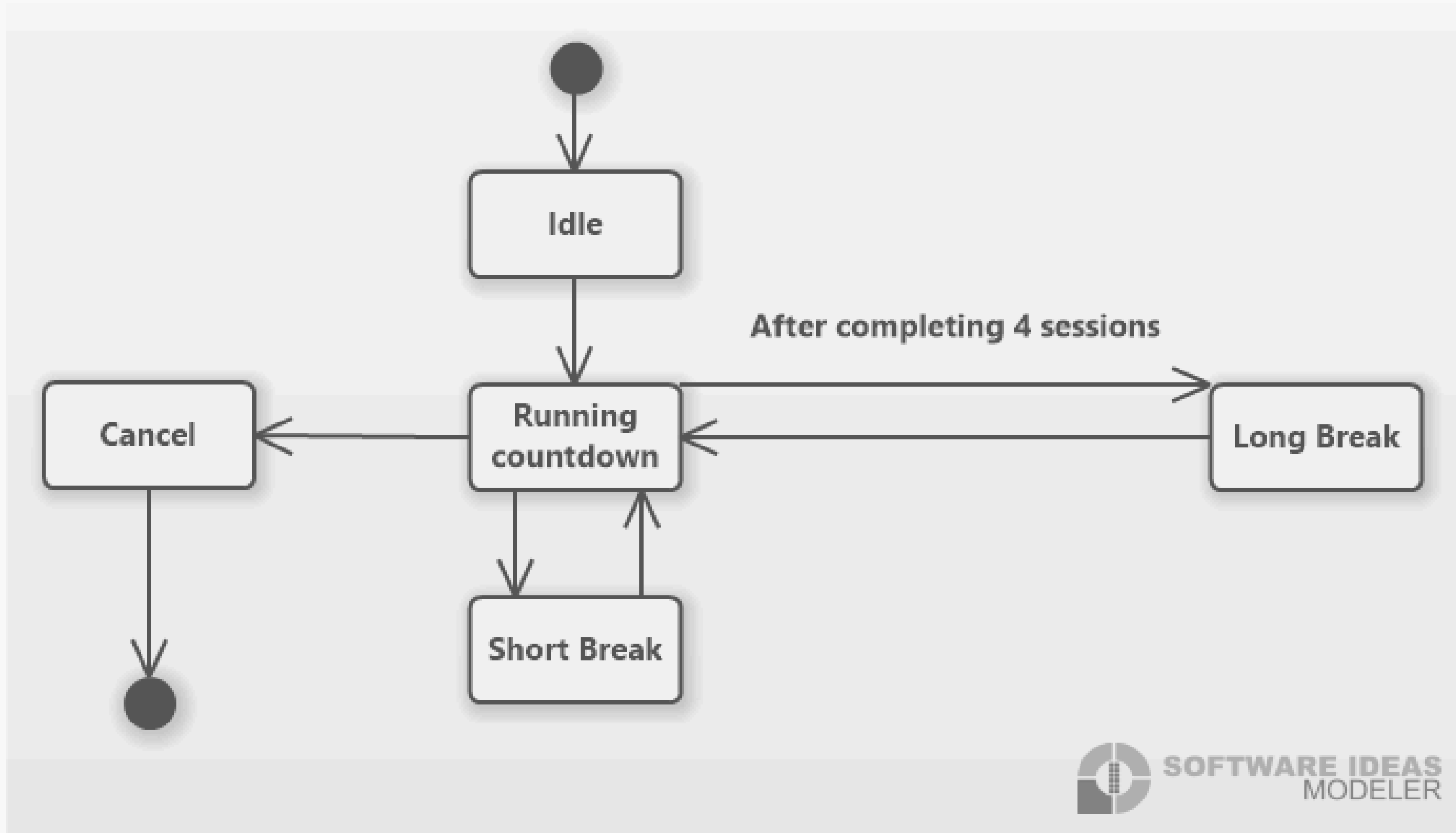
# State Diagram (Badges)



# State Diagram (Notification)

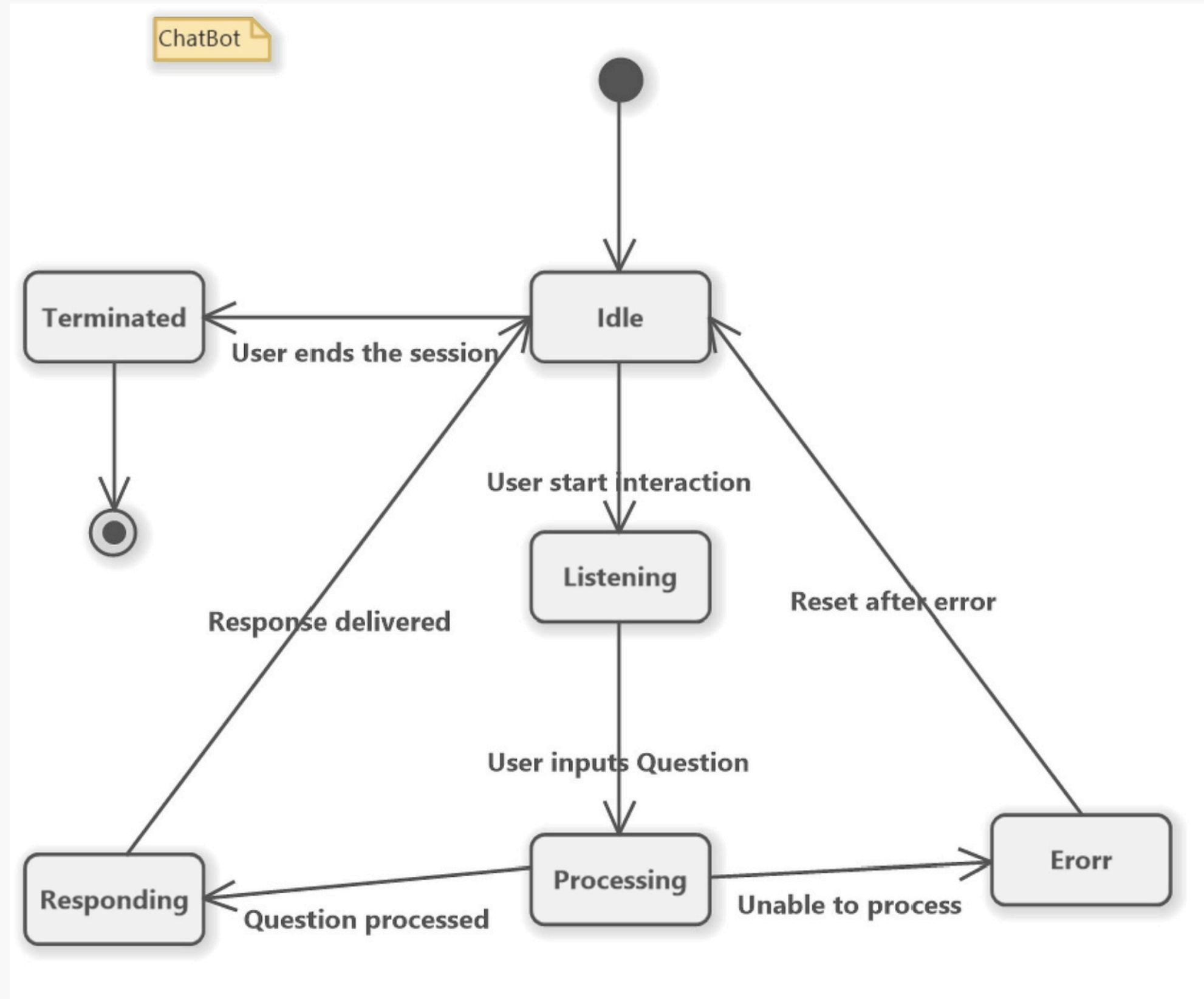


# State Diagram (Pomodoro)

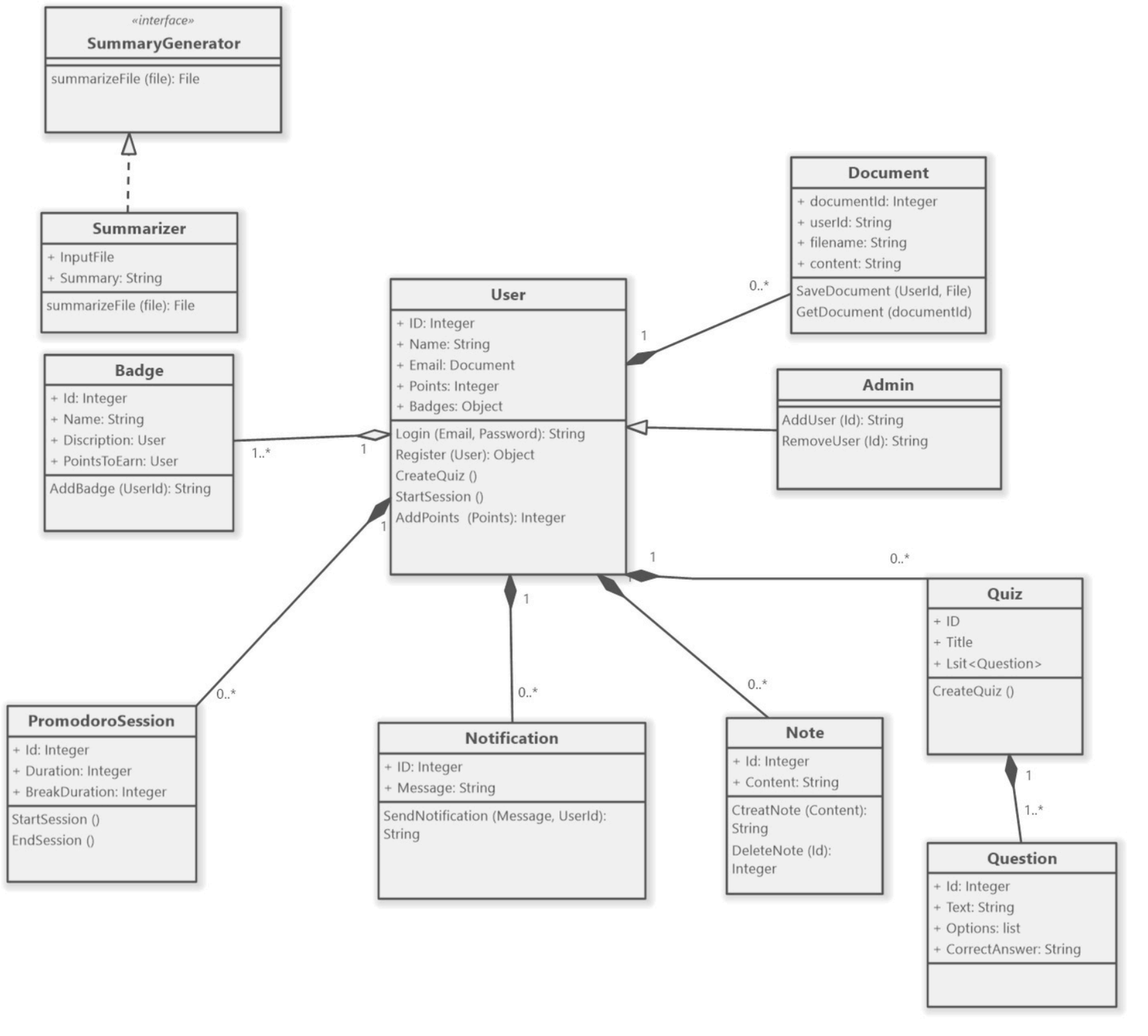




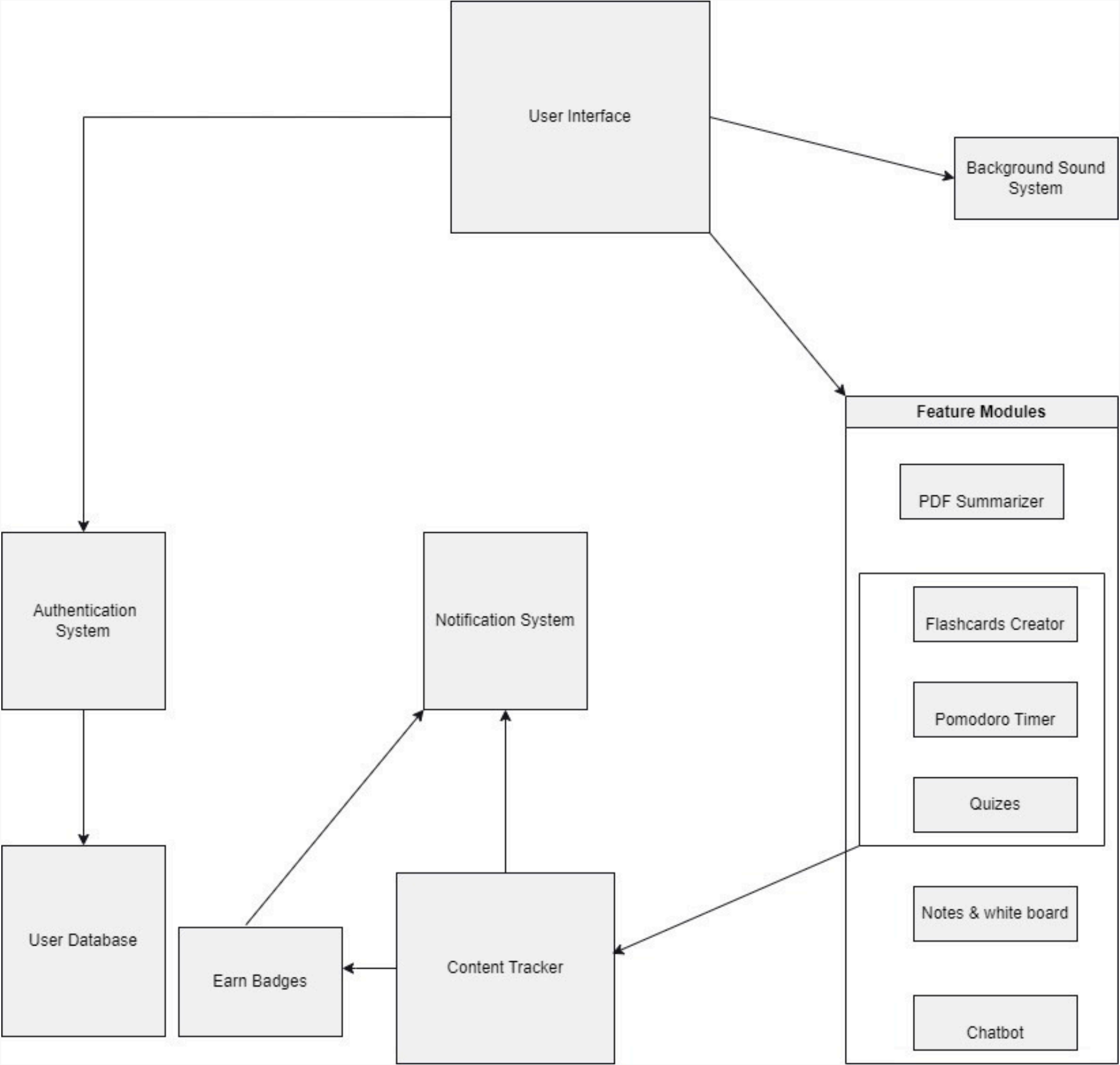
# State Diagram (ChatBot)



# Class Diagram



# Architecture Diagram





*Thank you*

