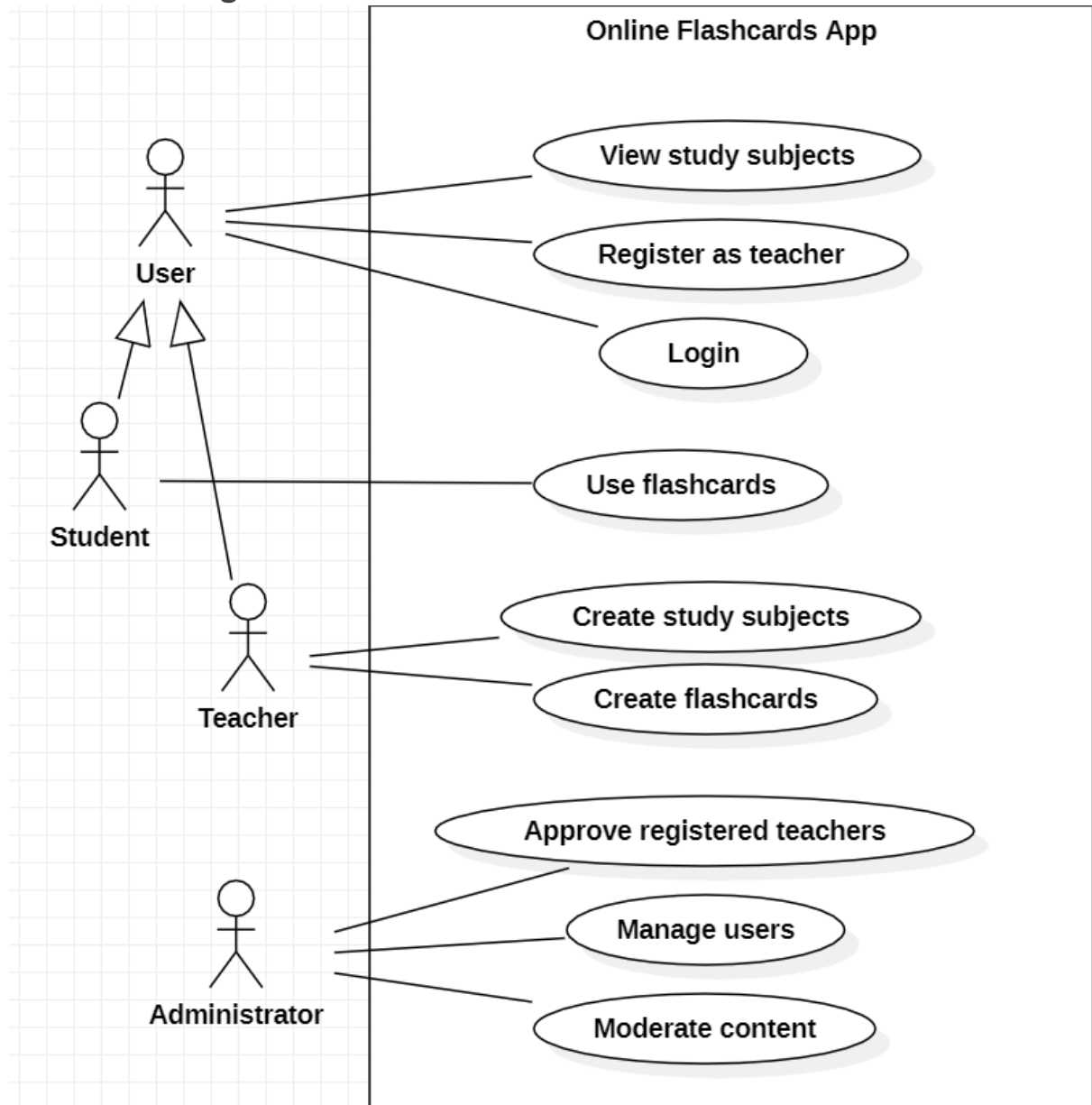# Online Flashcards App Use Case Diagram

Use Case Diagram

Actors

User

Users (or guests) are the most generic and common actors in the system. Users can view study subjects and related flashcards. Users can also register as teachers.

Student

Users can login as students. Students can use flashcards to study.

Teacher

Users can register as teachers. Teachers are capable of creating new study subjects, as well as creating flashcards for specific subjects.

Administrator

Administrators are the systems maintainers, predefined by the development team. Administrators manage the userbase, including the approval of newly registered teachers. Administrators also moderate the added contents (flashcards and subjects).

Use cases

- **View study subjects**
    - See a study subjects' learning materials and flashcards
- **Register as teacher**
    - Apply for registration as a teacher for creating subjects and flashcards
- **Login**
    - Use your credentials to gain broader access to the application
- **Use flashcards**
    - Open flashcards on a specific subject
    - Try to guess the correct answer on a flashcard
        - Click to flip a flashcard to show the correct answer
    - Track score on current flashcard set

- **Create study subjects**
  - Select the overall topic of the subject (languages, chemistry etc.)
  - Name and describe the subject
  - Add learning materials
  - Create flashcards
- **Create flashcards**
  - Add the desired amount of flashcards
    - The question on top of the card
    - The answer on the back of the card
- **Manage users**
  - View registered users
  - Delete inactive or inappropriate users
  - Approve registered teachers
- **Approve registered teachers**
  - Confirm that the registering user is a valid teacher
  - Set the role of the user as teacher
- **Moderate content**
  - View created study subjects and flashcards
  - Remove inappropriate or rule breaking content