Use Case Diagram

SkillForge System

Actors: Student, User, Instructor, Admin

Use Cases:
- Browse Courses
- Enroll in Course
- Complete Lessons
- Take Quiz
- View Progress & Analytics
- Earn Certificate
- Create Course
- Upload Lesson
- Design Quiz
- Manage Course
- Manage Users
- Approve Course
- Remove Course
- Monitor Analytics

Relationships: generalization, <<include>>

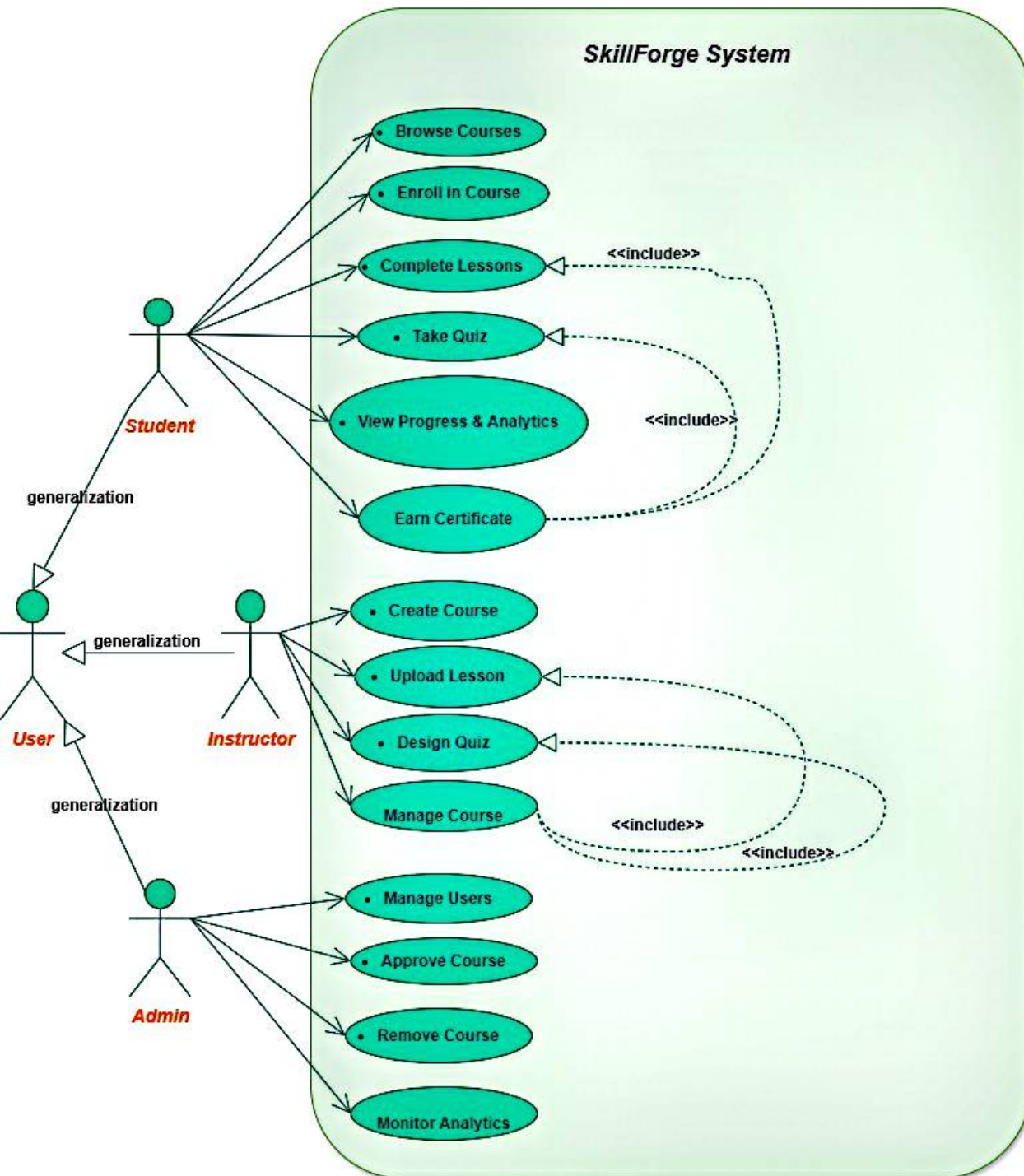## Explanation for Use Case Diagram:

The **Use Case Diagram** for the SkillForge System illustrates how different users interact with the system and what main functions they can perform. The general actor **User** is specialized into three main roles — **Student**, **Instructor**, and **Admin**. Students can browse and enroll in courses, complete lessons, take quizzes, view their progress, and earn certificates, where earning a certificate includes completing lessons and taking quizzes. Instructors can create and manage courses by uploading lessons and designing quizzes, where managing a course includes these actions. Administrators manage users, approve or remove courses, and monitor system analytics. The diagram shows these relationships through associations, include relationships, and generalization arrows, giving a clear overview of how each actor interacts with the SkillForge platform.