

# **CS-3332 Software Engineering I — UML Models (Version 2)**

GitHub Repo Builder/Importer App (adds Admin actor + admin classes)

**System Concept:**

This application helps users create a brand-new GitHub repository for a new idea or import an existing repository so they can continue contributing. Version 2 adds an Admin role for governance (permissions, approvals, audits).

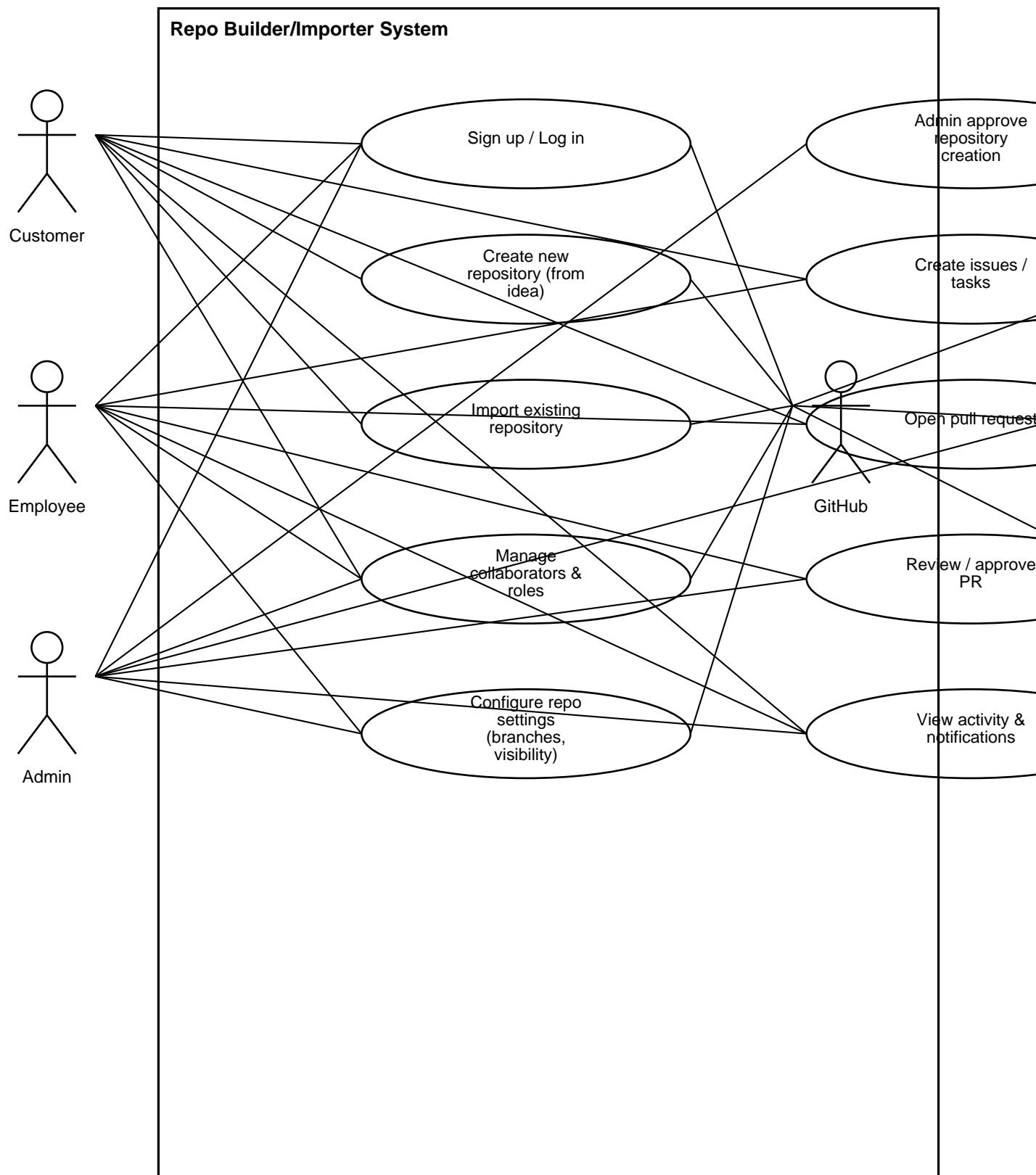
**Deliverables in this PDF:**

- 1) UML Use Case Diagram (with Admin)
- 2) UML Class Diagram (includes Admin + AuditLog)

**Actors:** Customer, Employee, Admin, GitHub (external system)

# UML Use Case Diagram (Version 2)

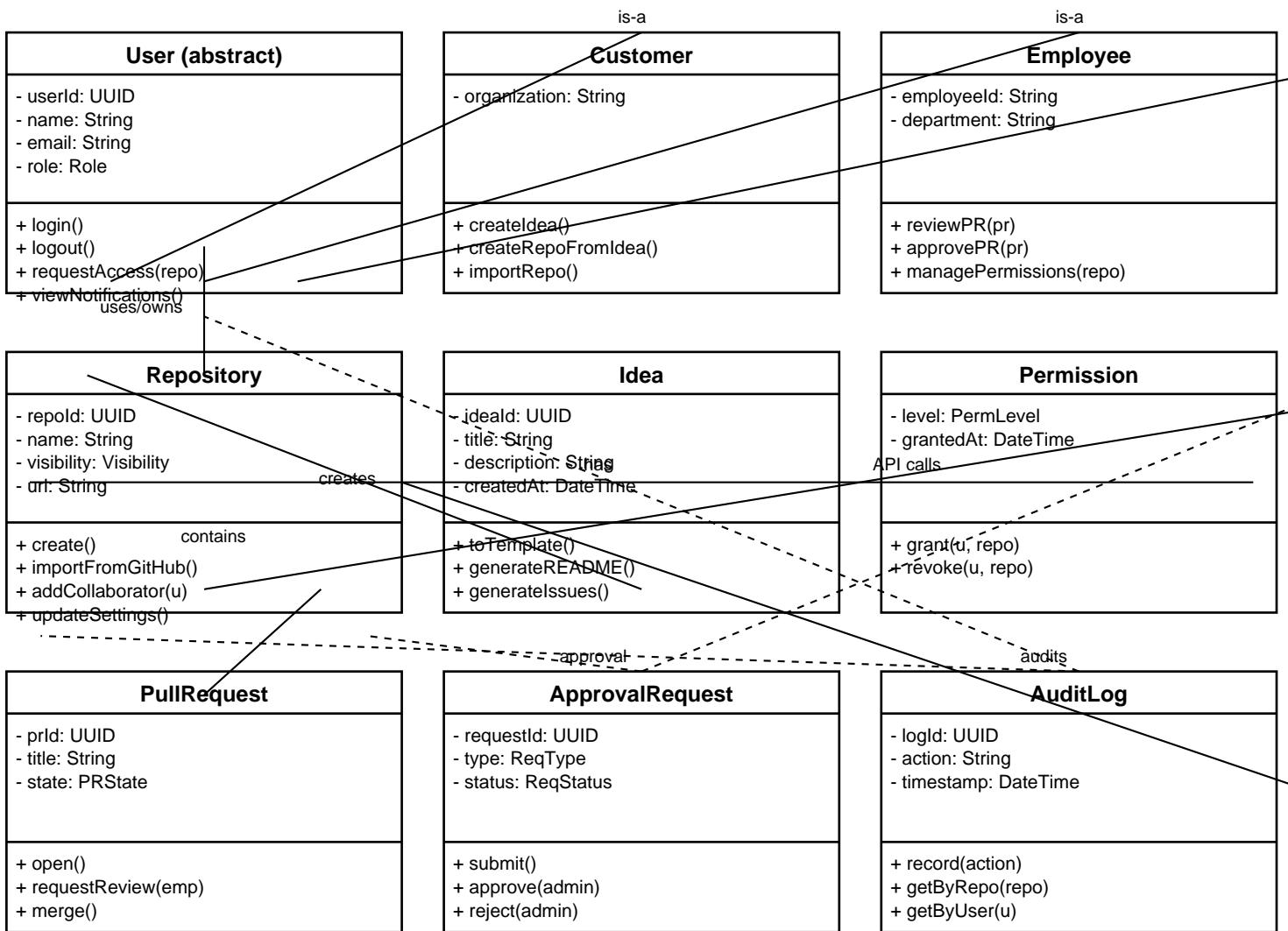
Admin included for governance + approvals



*Admin is included to reflect real-world governance: approvals, audits, and security controls.*

# UML Class Diagram (Version 2)

Adds Admin + AuditLog + ApprovalRequest



Version 2 adds Admin governance (approvals + audits). Recreate in Lucidchart/draw.io using the same structure.