

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).

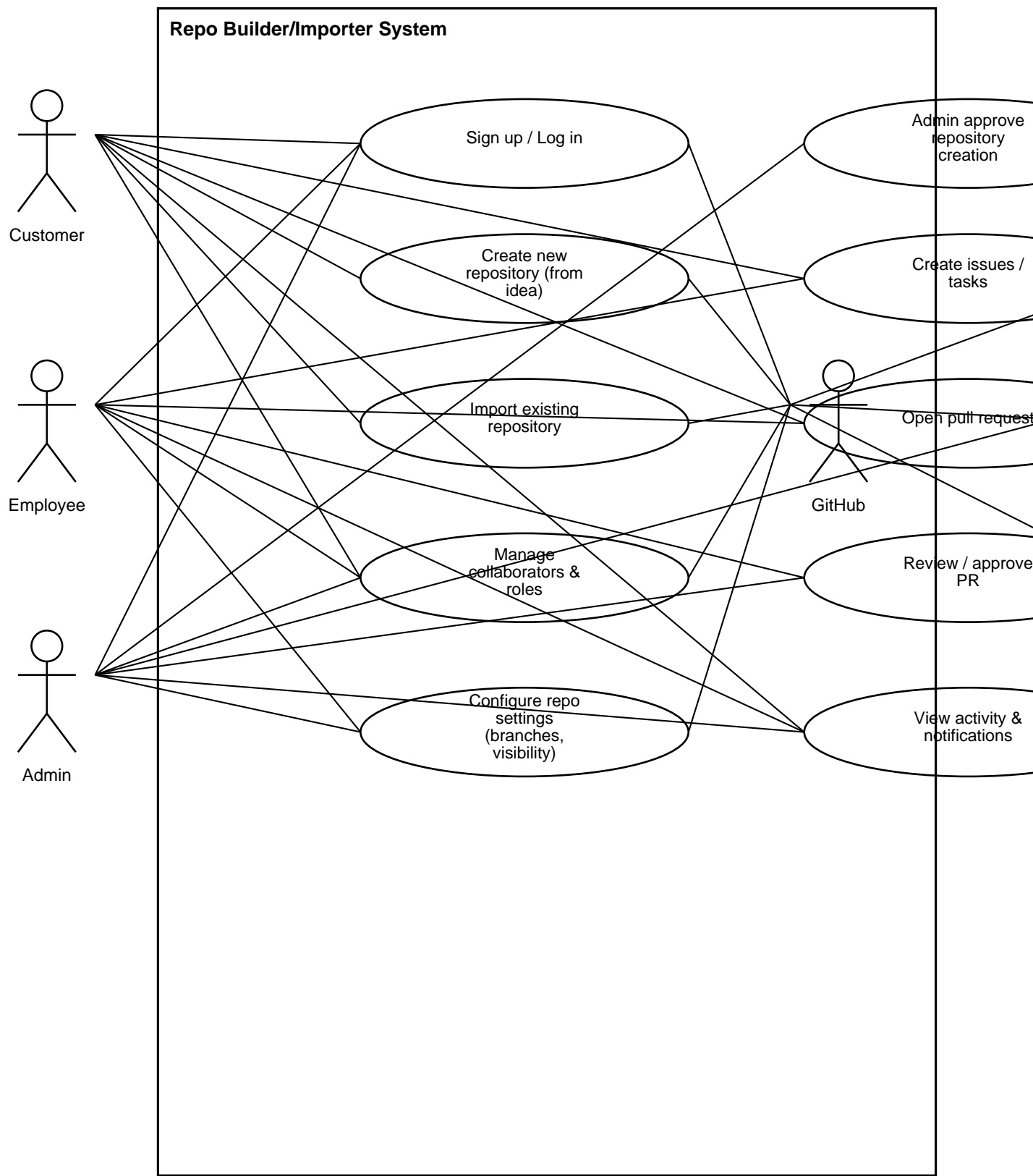
Deliverables in this PDF:

- 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)

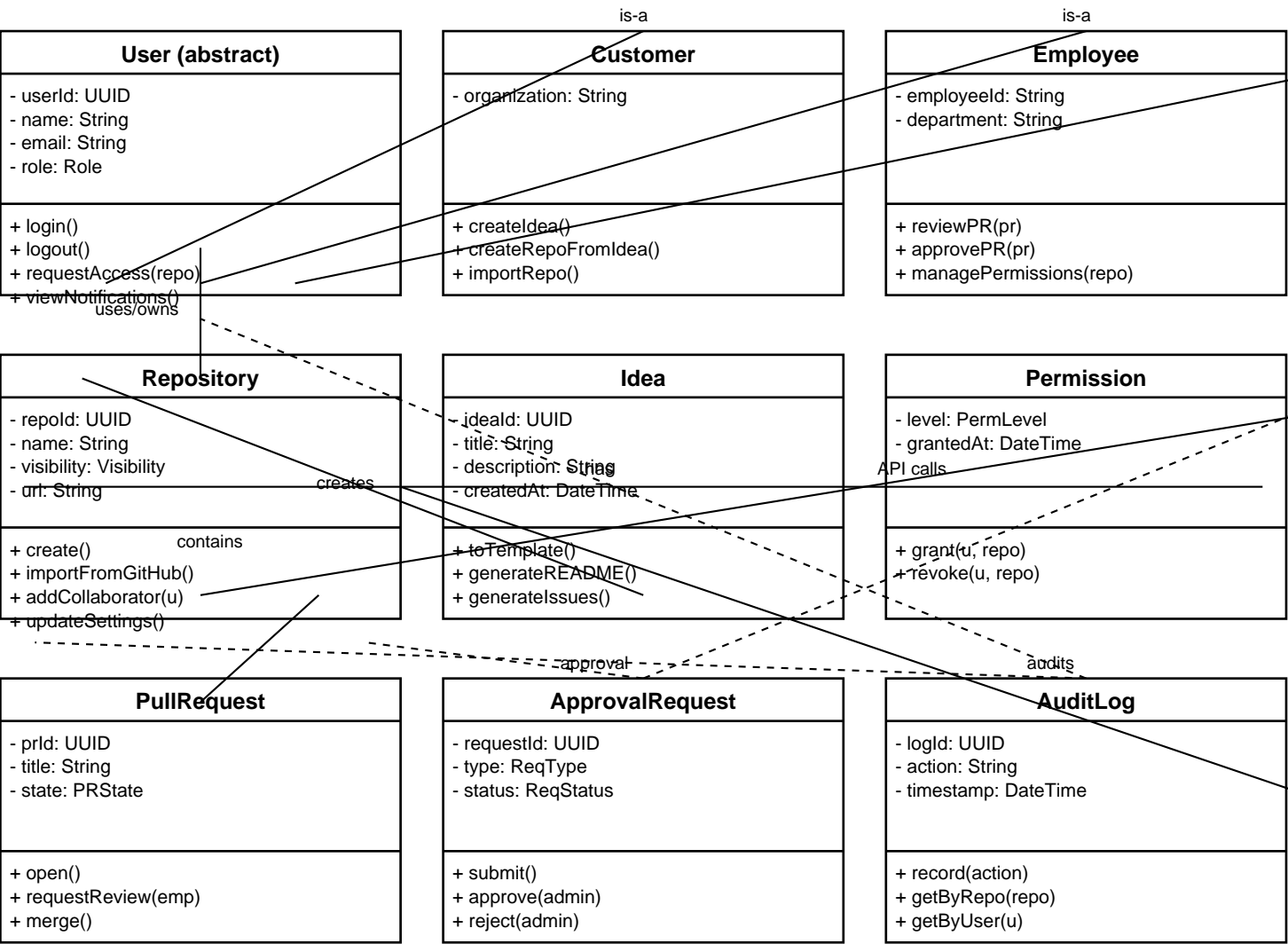
Admin included for governance + approvals



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.