Team Members	Roles
Abhishek Mishra	Scrum Master
Samiran Kosambe	Product Owner/Integrator
Amarsinh Dhepe	DB Design

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Introduction

The project is to develop an online Asset Management System (AMS). This document contains the work flow of the system and gives guidelines on how to build the functionality gradually in each of the course modules of the JEE LOT.

This project is aimed at developing Online Asset Management System. This is an Internet based application that can be accessed throughout the organization and this is a web basedapplication that can be accessed over the web. This system can be used to search for an asset based on search condition, assign a hardware asset to/from an employee based on request, insert new asset details, modify an existing asset details and display all asset allocation request details. This is an integrated system that contains both the user (Manager) component and the Admin component.There are three categories of people who would access the system viz. applicants, members of admission committee (mac) and administrators

1. Managers should be able to

- Login to the system using his/her credentials
- Raise a request for allocation of asset to an employee, by filling up the asset requisition form that auto generates the asset request ID.
- View the status of request, based on the asset request ID

2. The administrators should be able to

- Login into the system using his/her credentials

- Include new asset/modify asset details from the inventory.
- Approve/Reject a request on the basis of the details of the request raised. If raised request is approved, then allocate asset to an employee and change request status as ‘Allocated’.

Team Member Work Allocation

- Abhishek Mishra: Asset Service, UserMaster Service,AssetManagementSystemConsumer
- Samiran kosambe: Asset Allocation Service,AssetForm Service,AssetManagementSystemConsumer
- Amarsinh Dhepe: Employee Service ,AssetManagementSystemConsumer

Epic & Stories

Epic	Stories	As a/an	I want to	So that ..
Employee Service	Add an Employee	Manager	to enter the Employee details	A new Employee is added to the employee database
	Update an Employee	Manager	to change the details entered for the	To update the employee details in the employee

			employee	database
	Delete an Employee	Manager	To delete a employee	Employee will be soft deleted from the employee database
	Search an Employee	Manager	To search a employee by id or name	Easy to find a employee from the entire database

Epic	Stories	As a/an	I want to	So that ..
Authentication Service	Login into the system	Admin/Manager	Login as admin/Manager to the system	I can access admin services
	Logout from the System	Admin/Manager	Logout from the system	I can logout from the system

Epic	Stories	As a/an	I want to	So that ..
Asset Allocation Service	Add Allocation	Admin	to allocate assets	asset can be alocated into asset allocation database
	Get All Allocation	Admin	to get all the assets allocated	get all allocated asset from database

Epic	Stories	As a/an	I want to	So that ..
AssetForm Service	Add an Asset Form	Admin	Enter the Asset details	A new asset is added to the assetForm database
	Get all asset request	Admin	to get all the asset from database	get assets from database
	Reject a request	Admin	to reject the request of manager	change the status of request form pending to rejected
	Allocate an Asset request	Admin	to allocate the asset request	change the status of request form pending to allocated

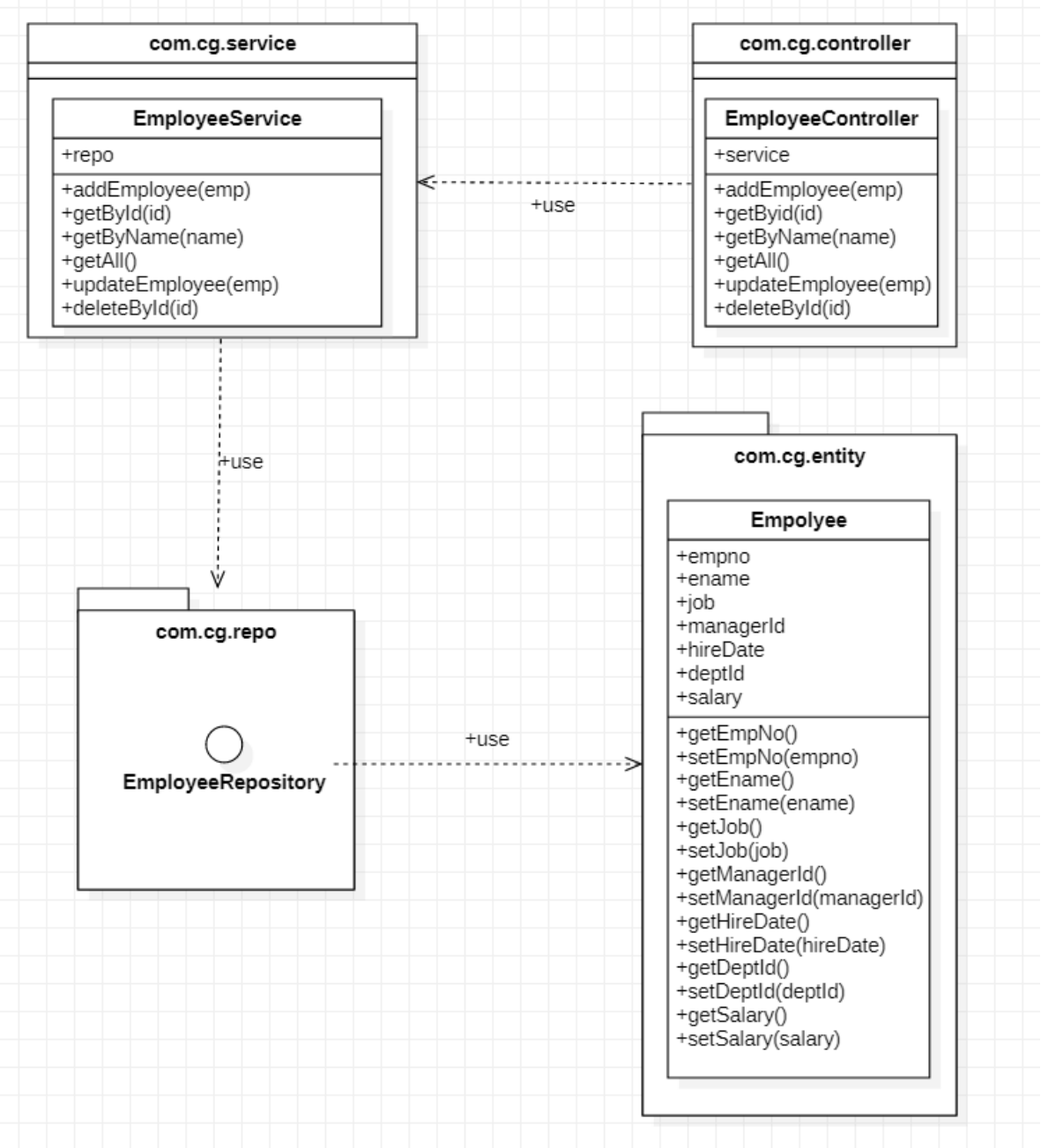
Epic	Stories	As a/an	I want to	So that ..
Asset Service	Add an Asset	Admin	to enter the asset details	A asset is added to the asset database
	Search an Asset	Admin	To search an asset by id or	Easy to find assets from the entire database

			name	
	delete an Asset	Admin	To delete an assets	Assets will be soft deleted from the asset database
	Update an Asset	Admin	to change the details entered for the asset	To update the asset details in the asset database

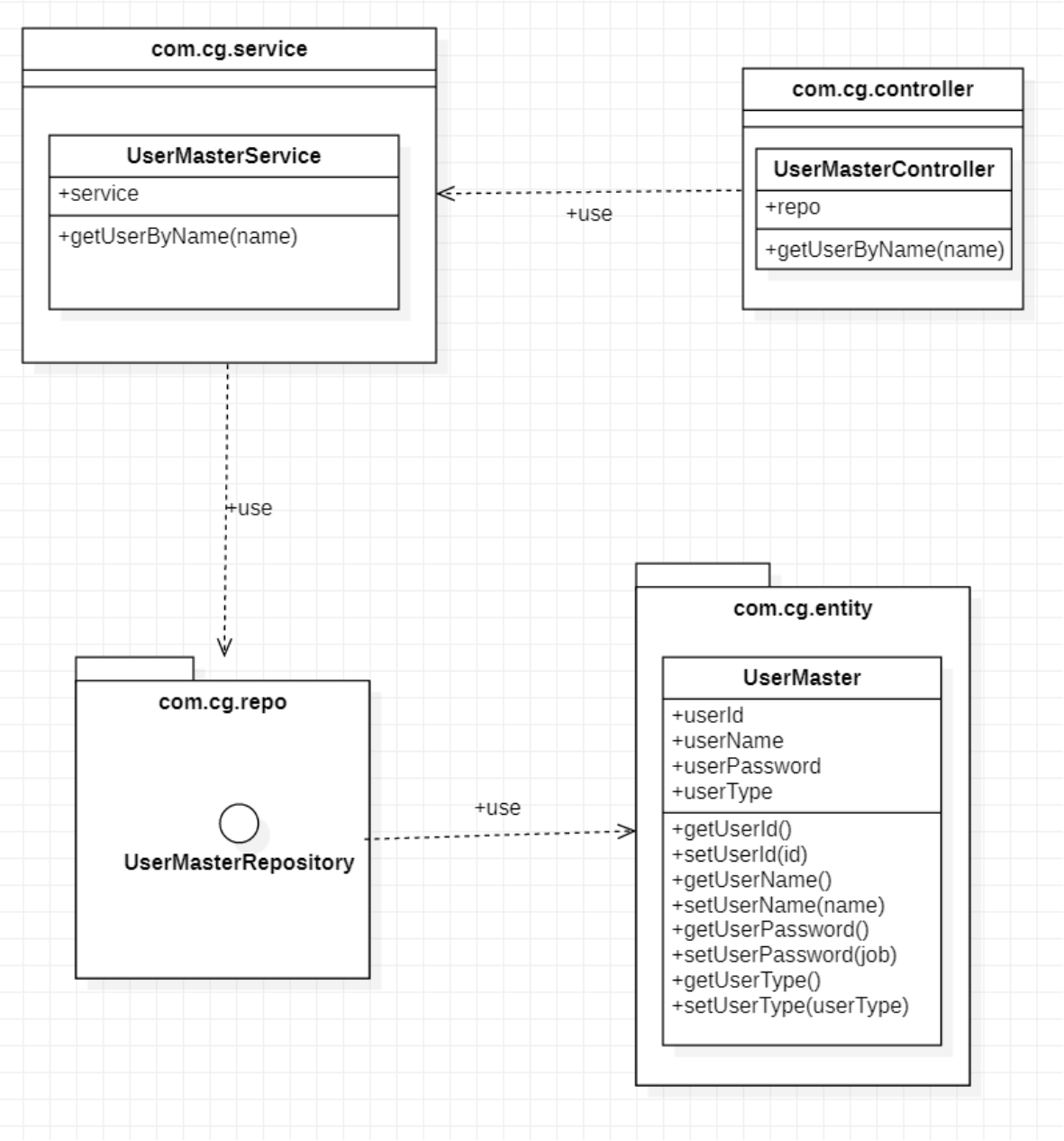
Use Case Diagram

Class Diagrams

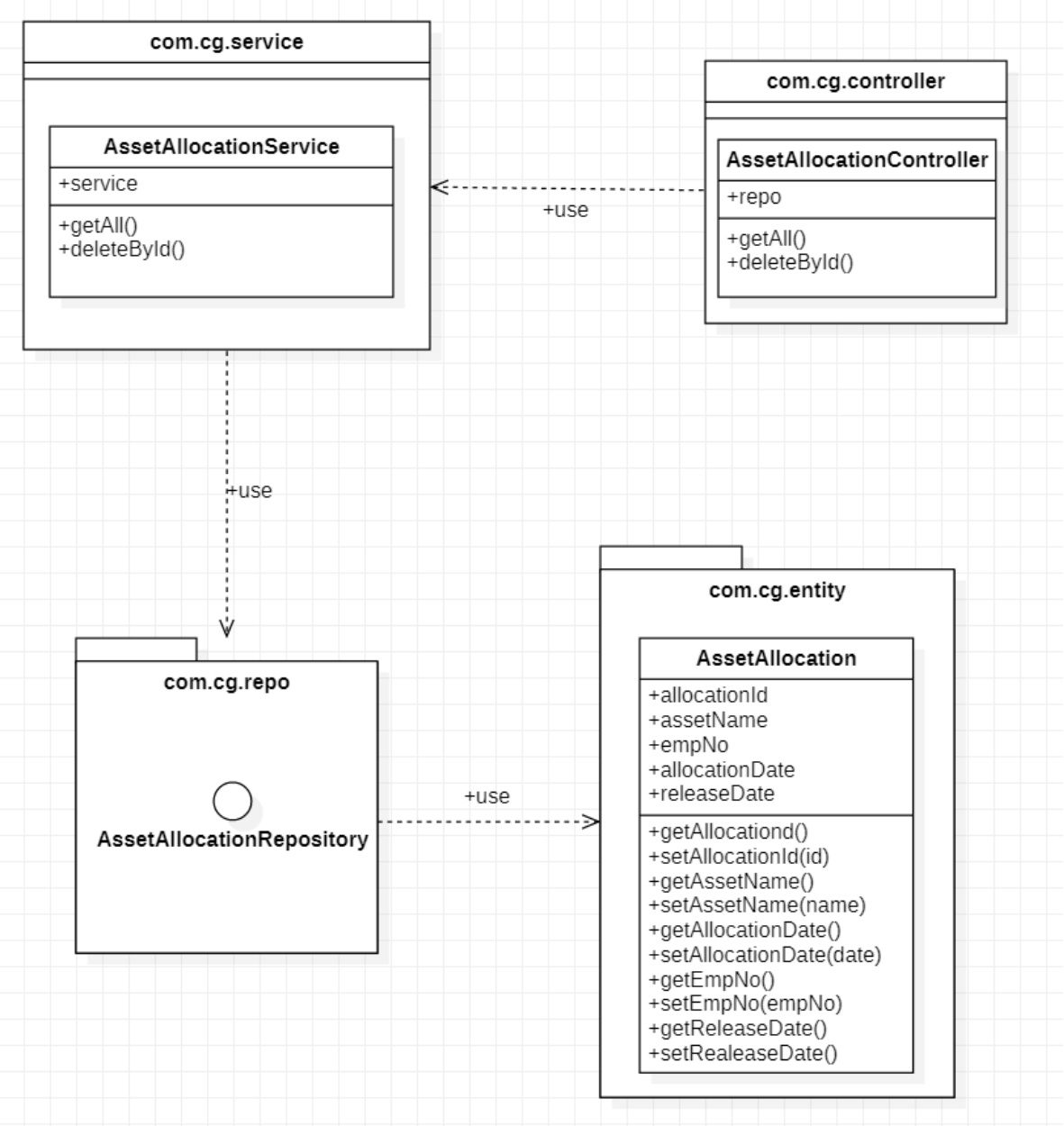
Employee Service Class Diagram:



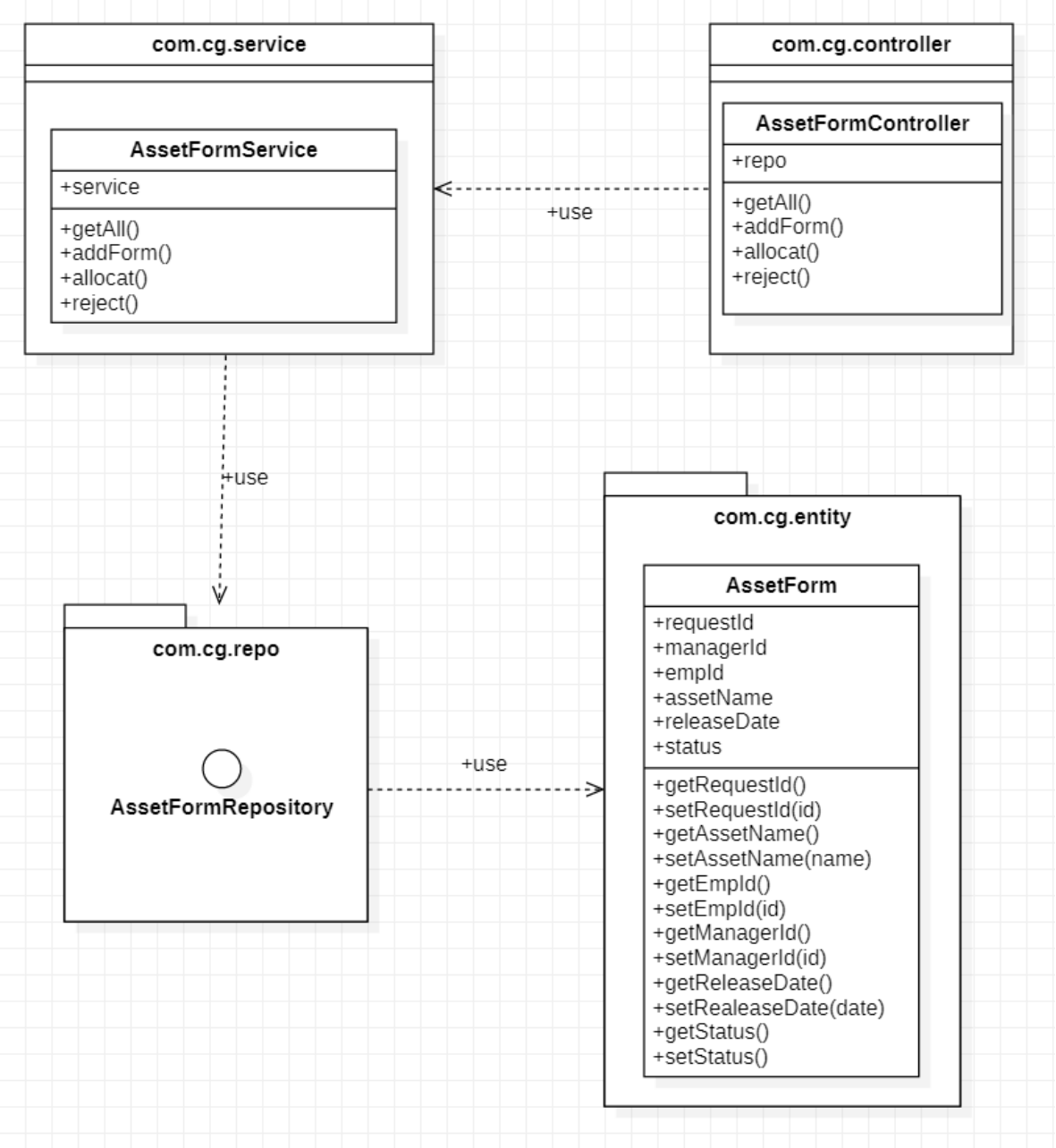
Authentication Service Class Diagram:



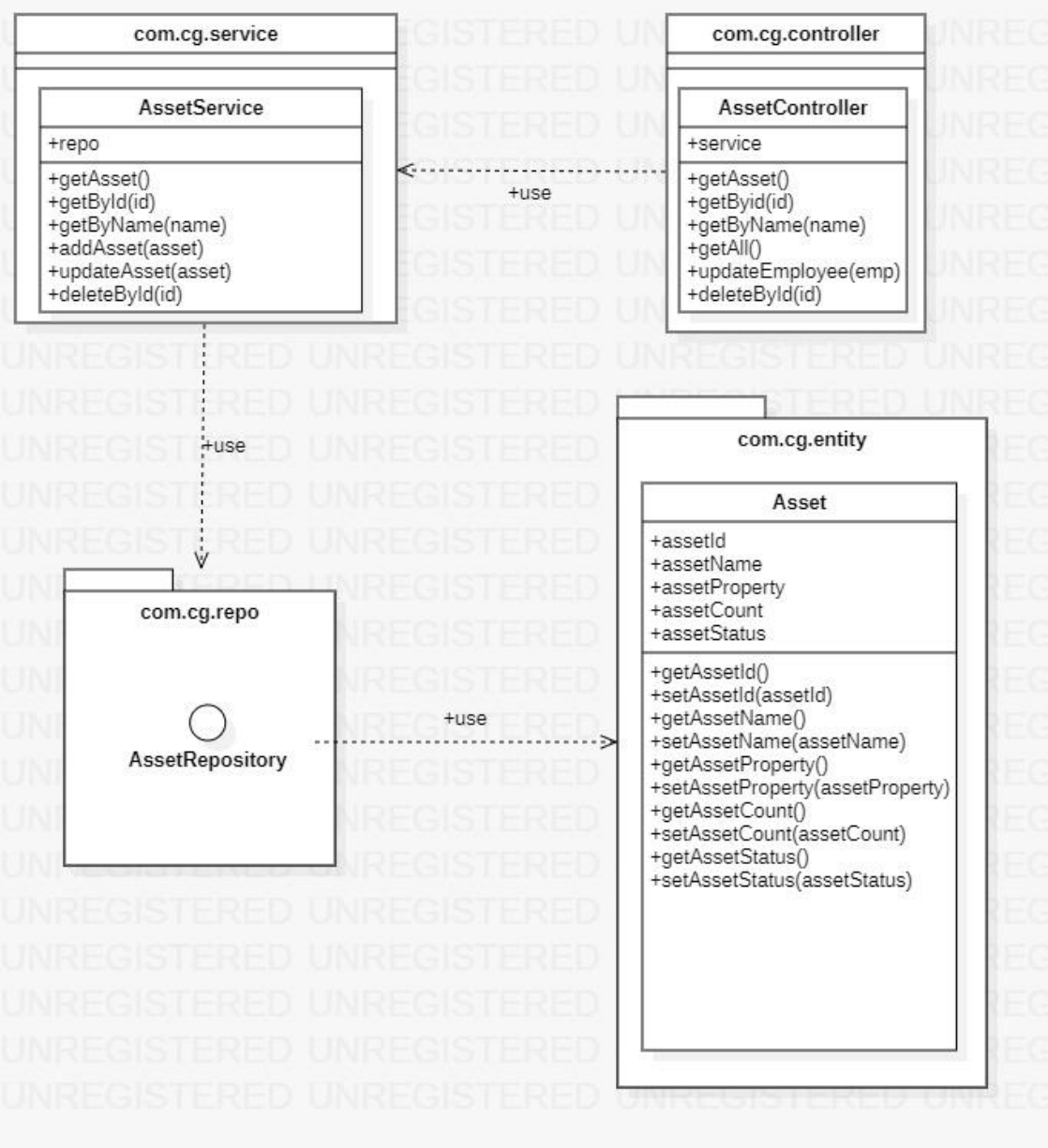
Asset Allocation Service Class Diagram:



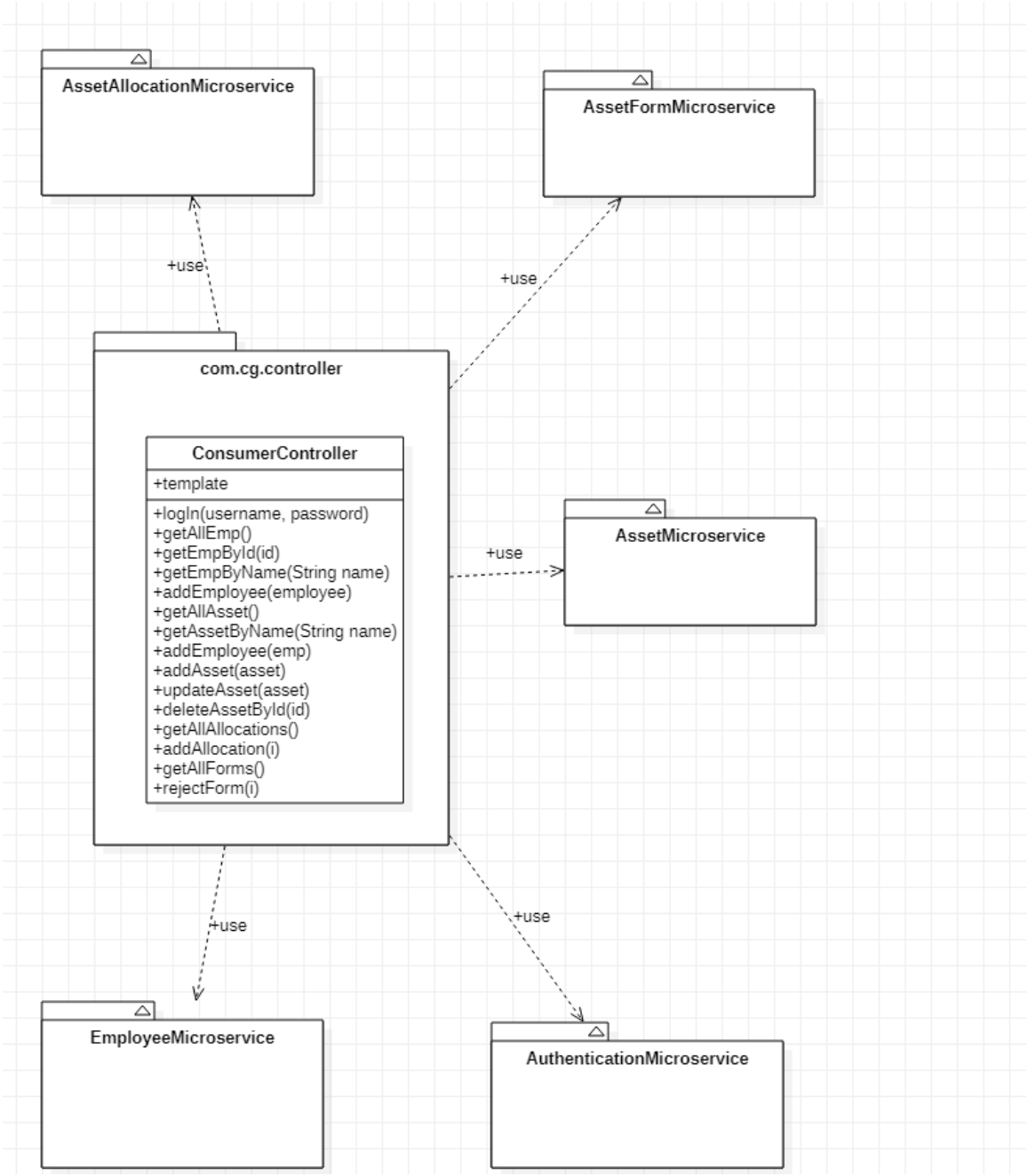
Asset Form Service Class Diagram:



Asset Service Class Diagram:



AssetManagementSystemConsumer Service


AssetAllocationMicroservice
AssetFormMicroservice
+use
+use
com.cg.controller
ConsumerController
+template
+logIn(username, password)
+getAllEmp()
+getEmpById(id)
+getEmpByName(String name)
+addEmployee(employee)
+getAllAsset()
+getAssetByName(String name)
+addEmployee(emp)
+addAsset(asset)
+updateAsset(asset)
+deleteAssetById(id)
+getAllAllocations()
+addAllocation(i)
+getAllForms()
+rejectForm(i)
+use
AssetMicroservice
+use
+use
EmployeeMicroservice
AuthenticationMicroservice