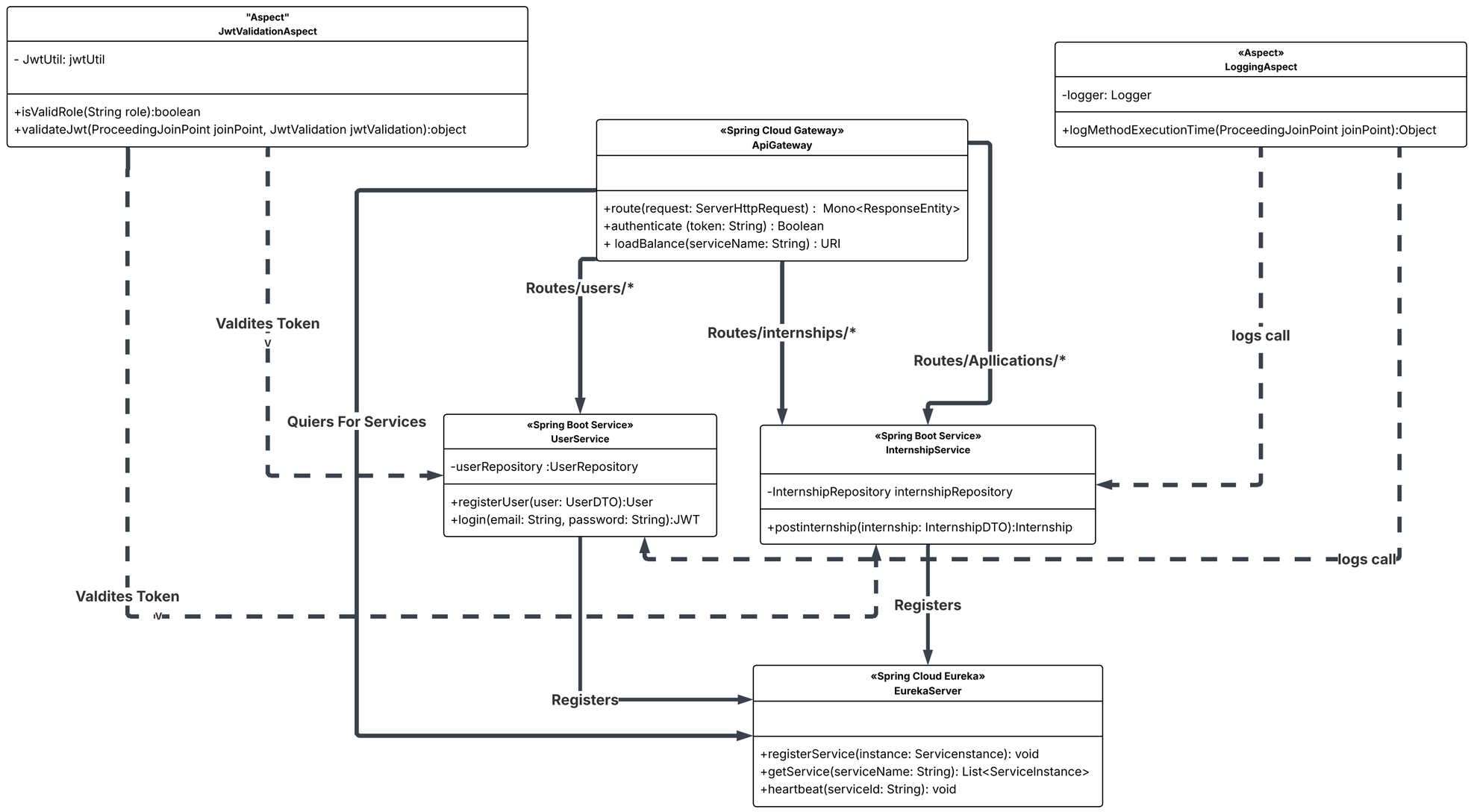
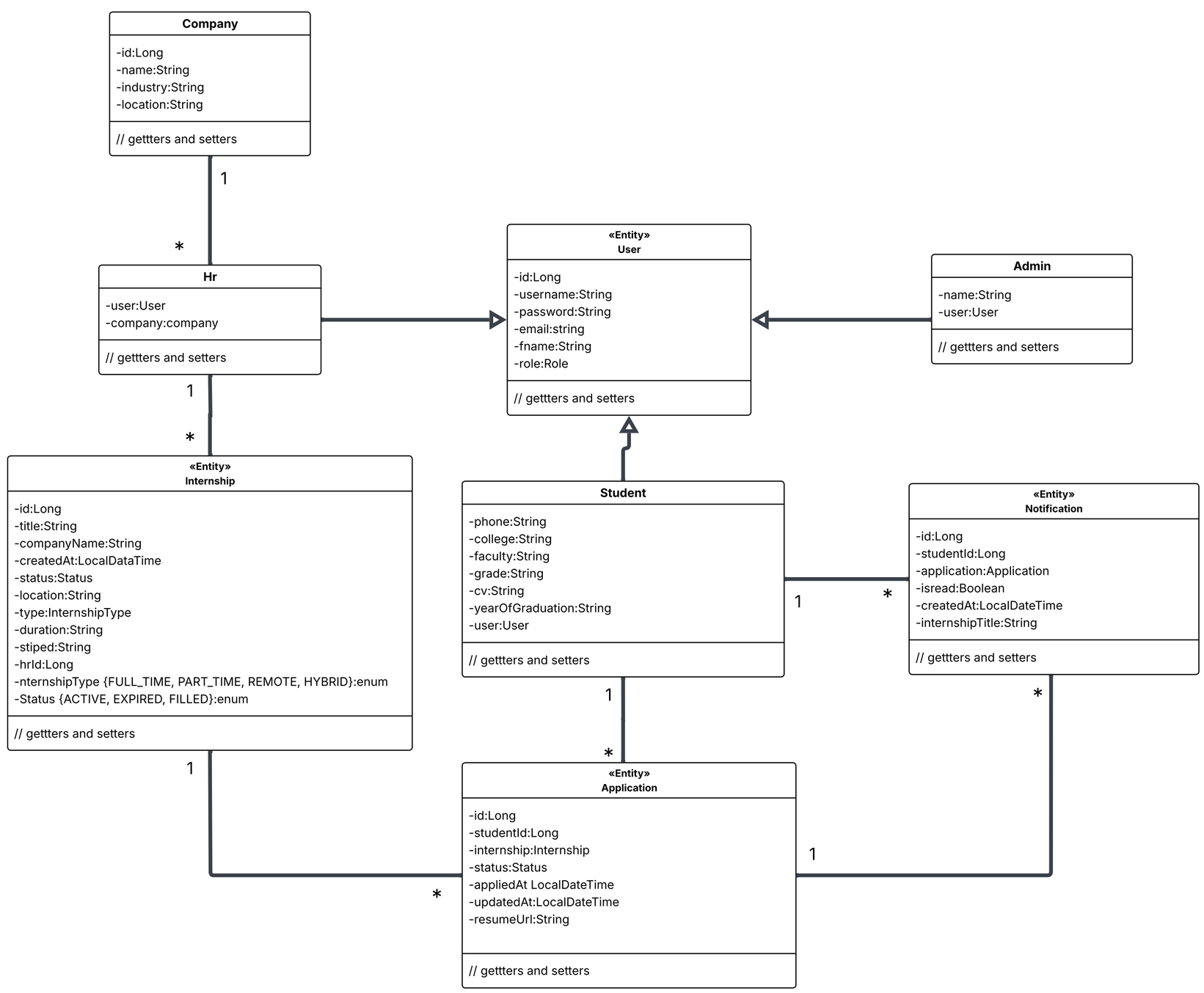

"Aspect"
JwtValidationAspect
- JwtUtil: jwtUtil
+isValidRole(String role):boolean
+validateJwt(ProceedingJoinPoint joinPoint, JwtValidation jwtValidation):object
«Spring Cloud Gateway»
ApiGateway
+route(request: ServerHttpRequest) : Mono<ResponseEntity>
+authenticate (token: String) : Boolean
+ loadBalance(serviceName: String) : URI
«Aspect»
LoggingAspect
-logger: Logger
+logMethodExecutionTime(ProceedingJoinPoint joinPoint):Object
Routes/users/*
Routes/internships/*
Routes/Apllications/*
Valdites Token
Quiers For Services
logs call
«Spring Boot Service»
UserService
-userRepository :UserRepository
+registerUser(user: UserDTO):User
+login(email: String, password: String):JWT
«Spring Boot Service»
InternshipService
-InternshipRepository internshipRepository
+postinternship(internship: InternshipDTO):Internship
logs call
Valdites Token
Registers
Registers
«Spring Cloud Eureka»
EurekaServer
+registerService(instance: Servicenstance): void
+getService(serviceName: String): List<ServiceInstance>
+heartbeat(serviceId: String): void


Company
-id:Long
-name:String
-industry:String
-location:String
// gettters and setters
1
*
Hr
-user:User
-company:company
// gettters and setters
1
*
«Entity»
Internship
-id:Long
-title:String
-companyName:String
-createdAt:LocalDataTime
-status:Status
-location:String
-type:InternshipType
-duration:String
-stiped:String
-hrId:Long
-nternshipType {FULL_TIME, PART_TIME, REMOTE, HYBRID}:enum
-Status {ACTIVE, EXPIRED, FILLED}:enum
// gettters and setters
1
*
«Entity»
User
-id:Long
-username:String
-password:String
-email:string
-fname:String
-role:Role
// gettters and setters
Admin
-name:String
-user:User
// gettters and setters
Student
-phone:String
-college:String
-faculty:String
-grade:String
-cv:String
-yearOfGraduation:String
-user:User
// gettters and setters
1
*
«Entity»
Notification
-id:Long
-studentId:Long
-application:Application
-isread:Boolean
-createdAt:LocalDateTime
-internshipTitle:String
// gettters and setters
*
«Entity»
Application
-id:Long
-studentId:Long
-internship:Internship
-status:Status
-appliedAt LocalDateTime
-updatedAt:LocalDateTime
-resumeUrl:String
// gettters and setters
*
1