View

main
+renderAuth()
+renderDashboard()
+renderRequestTracking()

Controller

PermissionController
+assignRequest(userId : String, requestId : String)
+createTeam(leaderId : String, memberIds : String[]) : Team
+addTeamMember(teamId : String, memberId : String)
+removeTeamMember(teamId, String, memberId : String)
+changeTeamLeader(teamId : String, newLeaderId : String)

<<use>>

RoleController
+getUserById(id : String) : User
+getAllUsers() : User[]

RequestsFacade
+getUserRequests(userId : String) : Request[]
+registerRequest(request : Request)
+saveRequestModification(requestId : String, modifiedData : String, modificationDate : Date)
+getRequestById(id : String) : Request

<<use>>

NotificationController
+notifyPayment(teacherId : String, applicantId : String)
+notifyRequestUpdate(requestId : String)

RequestSearchEngine
+setStrategy(strategy : SearchStrategy)
+search(criteria : SearchCriteria, data : String)

<<Interface>>
SearchStrategy
+searchRequest(data : String) : Request[]

ProviderStrategy

TypeStrategy

IdStrategy

DateStrategy

ManagerStrategy

<<enumeration>>
SearchCriteria
-ID
-RQ_TYPE
-DATE
-PROVIDER
-MANAGER

Modeljy

<<enumeration>>
UserRole
-ADMIN
-LEADER
-MEMBER

role

User
-name : String
-id : String
+User(id : String, name : String)

1   leader

Team
+addMember(user : User)
+removeMember(user : User)
+changeTeamLeader(user : User)

1..*   members

1   provider

Request
-id : String
-creationDate : Date
+Request(id : String, creationDate : Date)
+setStatus(status : StatusType)
+setProvider(provider : User)

status

1

<<enumeration>>
StatusTypeQ
-IN_PROCESS
-CENCO_ACCEPTED
-CENCO_REJECTED
-DEAN_ACCEPTED
-DEAN_REJECTED
-ACCOUNTING_PAID
-ACCOUNTING_REJECTED
-CLOSED