

<<Interfaz>>

CourseMapper

+ updateCourseFromDto(dto: CourseDTO, entity: Course): void

+ toEntity(dto: CourseDTO): Course

+ toDto(entity: Course): CourseDTO

PublicFileUrlBuilder

Mappers

<<interfaz>>

+ updateFromDto(dto: ProposalDTO, entity: Proposal): void

<<Interfaz>>
ProgramMapper

+ updateFromDto(dto: ProgramDTO, entity: Program): void

+ toDto(entity: Proposal): ProposalDTO

+ toEntity(dto: ProposalDTO): Proposal

+ toDto(entity: Program): ProgramDTO + toEntity(dto: ProgramDTO): Program

ProposalMapper

SupabaseProperties supabaseProperties

ProgramTools

+ ProgramTools(programService: ProgramService)+ searchProgramByName(name: String): String

programService: ProgramService

CourseTools

+ CourseTools(courseService: CourseService,

courseService: CourseService

Lectura de

PlanRow

ExcelStudyPlanParser

getCellValue(row: Row, columnIndex: int): String

CsvStudyPlanParser

SPLIT_REGEX: String = ",(?=(?:[^\"]*\"[^\"]*\")*[^\"]*\$)"

- extractRows(is: InputStream): List<String[]>

+ getSupportedExtensions(): List<String>

+ extractRows(is: InputStream): List<String[]>

+ getSupportedExtensions(): List<String>

- isRowEmpty(row: Row): boolean

- snies: Long

- credits: Integer

- relation: String

+ getters()

+ setters()

- semester: Integer

- requisitos: List<Long>

<<Interfaz>>

StudyPlanParser

+ parse(file: MultipartFile): List<PlanRow>

<<Abstract>>

AbstractStudyPlanParser

- MIN_COLUMNS: int

- COURSE_NAME_INDEX: ir

- SNIES_INDEX: int

- TYPE_INDEX: int

AREA_INDEX: int

- CYCLE_INDEX: int

- CREDITS_INDEX: int

- RELATION_INDEX: int

- SEMESTER_INDEX: int

- REQUISITES_INDEX: int

+ parse(file: MultipartFile): List<PlanRow>

extractRows(is: InputStream): List<String[]>

+ supports(filename: String): boolean

getSupportedExtensions(): List<String>

parseRequisitos(raw: String): List<Long>

value: String, fieldName: String): T

- parseEnumValue<T>(enumClass: Class<T>,

supports(filename: String): boolean

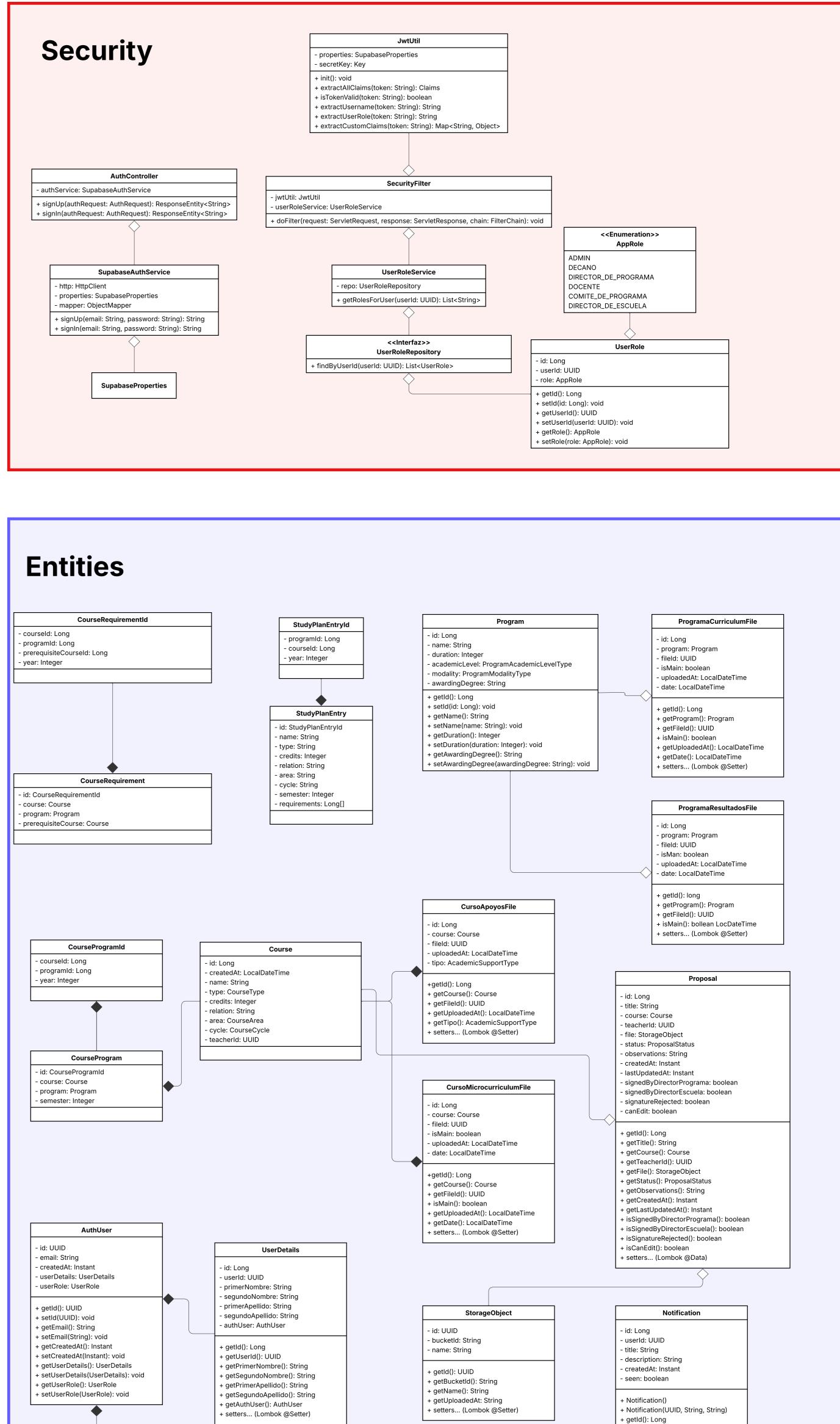
- courseName: String

courseType: CourseType

- courseArea: CourseArea

courseCycle: CourseCycle

- programService: ProgramService



UserRole

- id: Long

- userld: UUID

role: AppRoleauthUser: AuthUser

+getId(): Long + getUserId(): UUID + getRole(): AppRole

+ getAuthUser(): AuthUser + setters... (Lombok @Setter) + getUserId(): UUID + setUserId(UUID): void

+ getTitle(): String + setTitle(String): void

+ getDescription(): String

+ getCreatedAt(): Instant + isSeen(): boolean + setSeen(boolean): void

+ setDescription(String): void