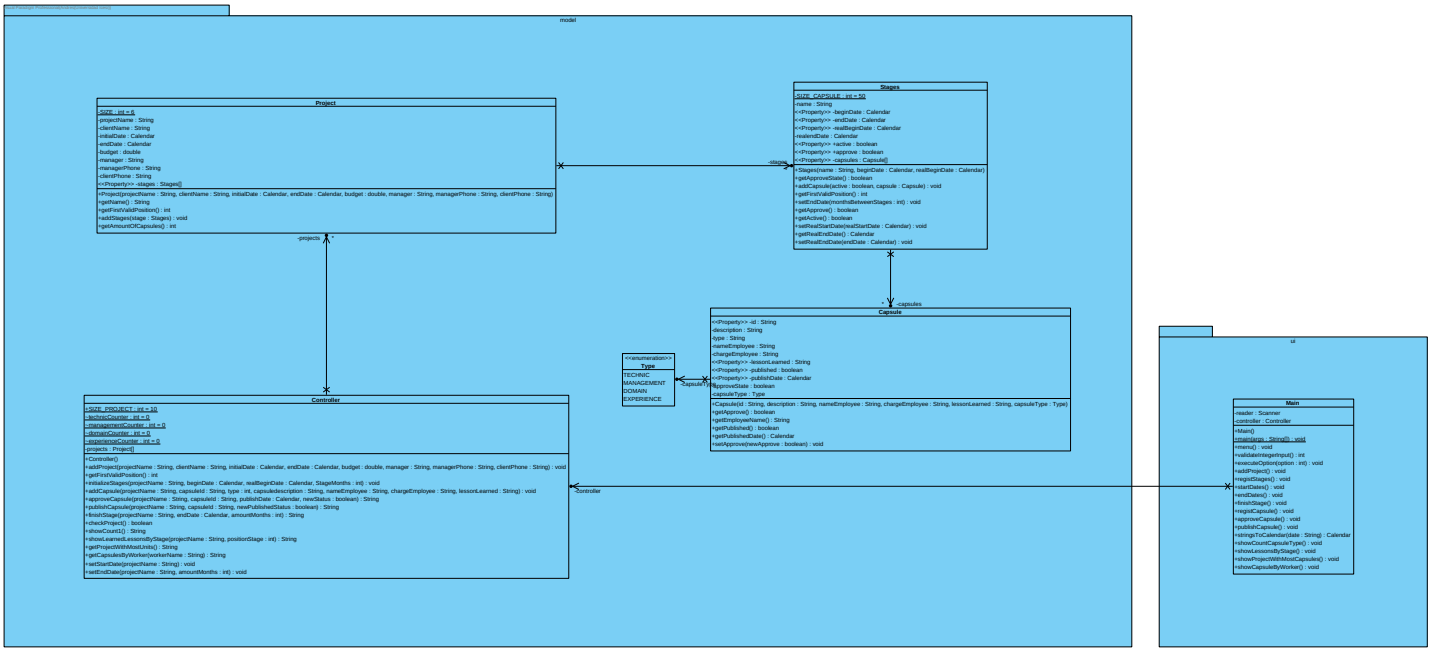
model
Project
-SIZE : int = 6
-projectName : String
-clientName : String
-initialDate : Calendar
-endDate : Calendar
-budget : double
-manager : String
-managerPhone : String
-clientPhone : String
<<Property>> -stages : Stages[]
+Project(projectName : String, clientName : String, initialDate : Calendar, endDate : Calendar, budget : double, manager : String, managerPhone : String, clientPhone : String)
+getName() : String
+getFirstValidPosition() : int
+addStages(stage : Stages) : void
+getAmountOfCapsules() : int
-projects
*
Stages
-SIZE_CAPSULE : int = 50
-name : String
<<Property>> -beginDate : Calendar
<<Property>> -endDate : Calendar
<<Property>> -realBeginDate : Calendar
-realendDate : Calendar
<<Property>> -active : boolean
<<Property>> +approve : boolean
<<Property>> -capsules : Capsule[]
+Stages(name : String, beginDate : Calendar, realBeginDate : Calendar)
+getApproveState() : boolean
+addCapsule(active : boolean, capsule : Capsule) : void
+getFirstValidPosition() : int
+setEndDate(monthsBetweenStages : int) : void
+getApprove() : boolean
+getActive() : boolean
+setRealStartDate(realStartDate : Calendar) : void
+getRealEndDate() : Calendar
+setRealEndDate(endDate : Calendar) : void
-stages
-capsules
Capsule
<<Property>> -id : String
-description : String
-type : String
-nameEmployee : String
-chargeEmployee : String
<<Property>> -lessonLearned : String
<<Property>> -published : boolean
<<Property>> -publishDate : Calendar
-approveState : boolean
-capsuleType : Type
+Capsule(id : String, description : String, nameEmployee : String, chargeEmployee : String, lessonLearned : String, capsuleType : Type)
+getApprove() : boolean
+getEmployeeName() : String
+getPublished() : boolean
+getPublishedDate() : Calendar
+setApprove(newApprove : boolean) : void
<<enumeration>>
Type
TECHNIC
MANAGEMENT
DOMAIN
EXPERIENCE
-capsuleType
Controller
+SIZE_PROJECT : int = 10
-technicCounter : int = 0
-managementCounter : int = 0
-domainCounter : int = 0
-experienceCounter : int = 0
-projects : Project[]
+Controller()
+addProject(projectName : String, clientName : String, initialDate : Calendar, endDate : Calendar, budget : double, manager : String, managerPhone : String, clientPhone : String) : void
+getFirstValidPosition() : int
+initializeStages(projectName : String, beginDate : Calendar, realBeginDate : Calendar, StageMonths : int) : void
+addCapsule(projectName : String, capsuleId : String, type : int, capsuledescription : String, nameEmployee : String, chargeEmployee : String, lessonLearned : String) : void
+approveCapsule(projectName : String, capsuleId : String, publishDate : Calendar, newStatus : boolean) : String
+publishCapsule(projectName : String, capsuleId : String, newPublishedStatus : boolean) : String
+finishStage(projectName : String, endDate : Calendar, amountMonths : int) : String
+checkProject() : boolean
+showCount() : String
+showLearnedLessonsByStage(projectName : String, positionStage : int) : String
+getProjectWithMostUnits() : String
+getCapsulesByWorker(workerName : String) : String
+setStartDate(projectName : String) : void
+setEndDate(projectName : String, amountMonths : int) : void
-Controller
ui
Main
-reader : Scanner
-controller : Controller
+Main()
-main(args : String[]) : void
+menu() : void
+validateMenuInput() : int
+executeOption(option : int) : void
+addProject() : void
+registStages() : void
+startDates() : void
+endDates() : void
+finishStage() : void
+registCapsule() : void
+approveCapsule() : void
+publishCapsule() : void
+stringToCalendar(date : String) : Calendar
+showCountCapsuleType() : void
+showLessonsByStage() : void
+showProjectWithMostCapsules() : void
+showCapsulesByWorker() : void