Capsule

+ Capsule(String, String, String, String, String):

- learning: String
- collaboratorPost: String
- date: GregorianCalendar
- approved: boolean
- id: int
- description: String
- type: String

+ setApproved(): void
+ generateHTML(): void

description: String
id: int
type: String
approved: boolean
collaboratorPost: String
learning: String
keywords: String
collabName: String
date: GregorianCalendar

Utils

+ Utils():

+ checkCollabCapsules(Project[], String, int): void
+ print(Object): void
+ validateType(): String
+ checkLearningByKeyword(Project[], String, int): String
+ projectWithMostCapsules(Project[], int): int
+ validateCapsule(String): int
+ menu(): void
+ validateLearning(): String

gregorianCalendar: GregorianCalendar

<<record>> IntervalTime

+ IntervalTime(GregorianCalendar, GregorianCalendar):

+ endDate(): GregorianCalendar
+ startDate(): GregorianCalendar

1 plannedTime

Stage

+ Stage(String):

- stageName: String
- active: boolean
- capsules: Capsule[]

+ addCapsule(Capsule): void
+ setInactive(): void
+ setApproved(): void
+ setActive(): void

approvedStatus: boolean
stageName: String
realIntervalTime: String
plannedIntervalTime: IntervalTime
capsules: Capsule[]
active: boolean

StageController

+ StageController():

- activeStage: short
- stages: Stage[]

- createStages(): void
+ setStageActive(): void
+ getStage(int): Stage

stages: Stage[]
activeStage: Stage
activeStageNumber: short

<<enumeration>> State

+ State():

+ valueOf(String): State
+ values(): State[]

1 state

Project

+ Project():

- projectManagersName: String[]
- clientName: String
- plannedDateOfEnd: GregorianCalendar
- budget: float
- projectManagersPhone: String[]
- projectName: String
- plannedDateOfStart: GregorianCalendar
- stages: StageController
- state: State

+ showLearnings(int): void
+ capsulesLength(): int
+ switchStage(): void
+ approve(): void
+ getState(): void
+ reject(): void

budget: float
projectManagersPhone: String
stage: Stage
plannedDateOfStart: GregorianCalendar
projectManagersName: String
stages: Stage[]
state: String
plannedDateOfEnd: GregorianCalendar
capsules: Capsule[]
clientName: String
projectName: String

ProjectController

+ ProjectController():

- projectCount: short

+ getProjectState(int): void
+ createProject(): void
+ approveProject(int): void
+ getProject(int): Project
+ validateProject(): int
+ projectExistence(): boolean

projectCount: short

CapsuleController

+ CapsuleController():

+ createCapsule(): Capsule
+ printCapsulesByType(): void

Main

+ Main():

+ main(String[]): void

«create» «create» «create» «create» «create» «create» «create» «create»

1 50 capsules 6 stages 1 50 projects 1 1 capsules 1 stages 1 state projects