| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| --- | --- | --- |
| RF1- gestión de proyecto | Controller | +RegisterProject(String name, String clientName, double budget, int day, int month, int year, int day2, int month2, int year2, String managerNameG, String managerNumG, String managerNameC, String managerNumC ) |
| Proyect | +Project(String name, String clientName, Calendar initialDate, Calendar finalDate, double budget,String managerNameG, String managerNumG, String managerNameC, String managerNumC, Stages[] stages) |
| Executable | +RegisterProject(); |
| RF2- creación de etapas | Controller | +setState(boolean true)  +setRealStart(Calendar initialDate);  +RegisterProject(String name, String clientName, double budget, int day, int month, int year, int day2, int month2, int year2, String managerNameG, String managerNumG, String managerNameC, String managerNumC ) |
| Stages | +Stages(String nameE,boolean state, Calendar realStart, Calendar realEnd) |
| RF3- culminar etapas | Controller | +getRegisteredProjects()  +endStages(String name, int day, int month, int year, int newStageStatus) |
| Executable | +showRegisteredP()  +endStagesExe() |
| Proyect | +toString(int x)  +getStages(): stages |
| Stages | +setState(boolean state)  +getNameE(): string  +setRealStart(Calendar realEnd)  +setRealEnd(Calendar realEnd) |
| RF4-registro de cápsulas | Controller | +registerKnowledgeUnit(String projectName, String id, String description, int type, String learnedLessons, String nameColab,String jobColab) |
| KnowledgeUnit | +KnowledgeUnit(String id, String description, Type type, String learnedLessons, String nameColab, String jobColab)  +setStatus(Status.POR\_DEFINIR) |
| Stages | +getUnits()  +getState() |
| Executable | +registerKnowledgeUnit()  +showRegisteredP() |
| Type | Type enum |
| Project | +getName()  +getStages() |
| RF5-aprobación de cápsulas | Controller | +approveKnowledgeUnit(String id, int newStatus, int day, int month, int year) |
| KnowledgeUnit | +setStatus(Status.status)  +setApproveDateUnit(Calendar approveDateUnit) |
| Executable | +approveKnowledgeUnit(); |
| Projects | +getStages() |
| Stages | +getUnits() |
| RF6- publicación de cápsulas | Executable | +publishUnit() |
|  | Controller | +publishUnit(String id) |
|  | Projects | +getStages`() |
|  | Stages | +getUnits() |
|  | KnowledgeUnit | +getId()  +getStatus()  +getType() |
| RF7-Consulta cantidad de cápsulas registradas por tipo | Executable | +registeredCapsuleType(): void |
| Controler | +getUnitTypeTEC( ): int  +getUnitTypeEXP( ): int  +getUnitTypeDOM( ): int  +getUnitTypeMAN( ):int |
| Project | +getStages(): Stages |
| Stages | +getUnits(): KnowledgeUnit |
| RF-8 Informar lecciones de cápsulas registradas en una etapa | Executable | +registeredUnitLesson(): void |
| Controler | +getUnitLesson(String changes): string |
| Project | +getStages(): Stages |
| Stages | +getUnits(): KnowledgeUnit  +getNameE():String |
| RF9- Consultar proyecto con mas capsulas registradas | Executable | +showBiggestProject() |
| Controller | +countKnowUnits() |
| Stages | +getUnits(): KnowledgeUnit |
| Project | +getStages(): Stages  +getName(): String |
| RF10- Consultar registros de cápsula por colaborador | Executable | +showCollabUnits(): void |
| Controller | +UnitsByCollab(String nameCollab): String |
| Project | +getStages(): Stages |
| Stages | +getUnits(): KnowledgeUnit  +getNameColab() |
| RF11-Consultar cápsula por hashtag | Controller | +showUnitByHashtag(String searchHashtg): string |
|  | Executable | +showUnitByHashtag(): void |
|  | Project | +getStages(): Stages |
|  | Stages | +getUnits(): KnowledgeUnit |
|  | knowledgeUnits | +getId()  +getLearnedLessons() |