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| **Functional requirement** | **Class name** | **Method name** |
| FR1:  Create a project | Class SystemGreen | initProject() |
| Class ControllerProjects | modifyStringToCalendar(String date) |
| Class ControllerProjects | addProject(String nameProject, Calendar startDateProject, Calendar endDateProject, double budget, int[] monthStages, String greenSQAManagerName, String greenSQAManagerPhone, String companyManagerName, String companyManagerPhone) |
| Class Project | setNameProject(String nameProject), setStartDateProject(Calendar startDateProject), setEndDateProject(Calendar endDateProject),  setBudget(double budget),  setMonthsStage(int[] monthsStage) |
| Class Manager | Manager(String nameManager, String phoneNumberManager) |
| FR2: Culminate a stage of a project | Class SystemGreen | culminateStage() |
| Class ControllerProjects | modifyStringToCalendar(String date) |
| Class ControllerProjects | culminateStage(int project, Calendar realStartNewStage) |
| Class Project | addStage(Calendar realStartDateStage, Calendar realEndDateStage) |
| Class Stage | setActiveStage(boolean activeStage) |
| FR3: Register capsule | Class SystemGreen | registerCapsule() |
| Class ControllerProjects | capsuleBridge(String situation, int typeCapsule, String authorCapsule, String positionAuthor, String lessonCapsule, int searchProject) |
| Class Project | capsuleToStage(String situation, int typeCapsule, String authorCapsule, String positionAuthor, String lessonCapsule) |
| Class Stage | AddCapsule(String situation, int typeCapsule, String authorCapsule, String positionAuthor, String lessonCapsule) |
| Class Capsule | obteinHashtagsLesson(String lesson),  obteinHashtagsSituation(String situation),  setSituation(String situation),  setTypeCapsule(int typeCapsule),  setAuthorCapsule(String authorCapsule),  setPositionAuthor(String positionAuthor),  setLessonCapsule(String lessonCapsule) |
| FR4:  Approve capsule | Class SystemGreen | approveCapsule() |
| Class ControllerProjects | getProject(int project) |
| Class Project | getStage(int stage) |
| Class Stage | getCapsule(int capsule) |
| Class Capsule | setApproveCapsule(boolean approveCapsule) |
| FR5:  Publish capsule | Class SystemGreen | publishCapsule() |
| Class ControllerProjects | getProject(int project) |
| Class Project | getStage(int stage) |
| Class Stage | getCapsule(int capsule) |
| Class Capsule | setPublishCapsule(boolean publishCapsule) |
| FR6:  Report of registered capsules by type. | Class SystemGreen | informCapsuleType() |
| Class ControllerProjects | getProject(int project) |
| Class Project | getStage(int stage) |
| Class Stage | getCapsule(int capsule) |
| Class Capsule | getTypeCapsule() |
| FR7:  Report of lessons learned corresponding to the capsules registered in a stage | Class SystemGreen | informLessonsForStage() |
| Class ControllerProjects | getProject(int project) |
| Class Project | getStage(int stage) |
| Class Stage | getCapsule(int capsule) |
| Class Capsule | getLessonCapusle() |
| FR8:  Project report with more registered capsules | Class SystemGreen | projectNameMostCapsule() |
| Class ControllerProjects | getProject(int project) |
| Class Project | getStage(int stage) |
| Class Stage | getCapsule(int capsule) |
| Class Capsule | getTypeCapsule(), getNameProject() |
| FR9:  Report of capsules registered by a collaborator | Class SystemGreen | checkCapsulesSomeone() |
| Class ControllerProjects | getProject(int project) |
| Class Project | getStage(int stage) |
| Class Stage | getCapsule(int capsule) |
| Class Capsule | GetAuthorCapsule(), getLessonCapsule() |
| FR10:  Search for situations and capsule lessons approved and published in a search string found in the hashtags. | Class SystemGreen | searchLessonsAndSituationsCapsules() |
| Class ControllerProjects | getProject(int project) |
| Class Project | getStage(int stage) |
| Class Stage | getCapsule(int capsule) |
| Class Capsule | getHashtag(),getApproveCapsule() , getPublishCapsule(), getLessonCapsule(), getSituation(), getIdCapsule() |
| RF11: Obtain the hashtags of the lessons and situations. | Class Capsule | obteinHashtagsLesson(String lesson) |
| Class Capsule | obteinHashtagsSituation(String situation) |