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| **Functional Requirement** | **Class Name** | **Method Name** |
| RF0: Create a project | Main | Main()  Menu()  executeOptions()  createProjects() |
| KnowledgeSystem | addProject(projectName,clientName,projectBudget)  initProjectPhases()  addManager() |
| Project | getPhase()  Project()  initProjectPhases(date,I,moment,projectNumber)  addManager() |
| Phase | setRealStartingDate(date)  Phase()  setStartPlannedDate()  setendingPlannedDate()  setStartingPlannedDate() |
| Employee | Employee() |
| RF1: End a project phase | Main | Main()  Menu()  executeOptions()  endPhase()  showProjectStatus() |
| KnowledgeSystem | hasAProjectEnded()  endProjectInformation  endPhase() |
| Project | getCurrentPhase()  endPhase()  endProjectInformation |
| Phase | setRealEndingDate()  setActive()  setRealStartingDate() |
| RF2: Register a capsule | Main | Main()  Menu()  executeOptions()  addCapsule()  showProjectSatatus() |
| KnowledgeSystem | hasAProjectEnded()  employeesInAproject()  addCapsule()  hasHashWords() |
| Project | employeesInAProject()  addCapsule()  getCurrentPhase() |
| Employee | addCapsule() |
| Phase | addCapsule()  isThereRoomForAnotherCapsule() |
| Capsule | Capsule() |
| RF3: Approve a capsule | Main | Main()  Menu()  executeOptions()  approveACapsule()  showProjectSatus() |
| KnowledgeSystem | getProjects()  approveCapsule() |
| Project | approveCapsule |
| Phase | approveCapsule  findCapsule() |
| Capsule | setApproved()  getApproved()  setApprovalDate() |
| RF4: Publish a capsule | Main | Main()  Menu()  executeOptions()  publishCapsule()  showProjectSatus() |
| KnowledgeSystem | getProjects()  publishCapsule()  isACapsuleApproved() |
| Project | publishCapsule() |
| Phase | publishCapsule()  findCapsule() |
| Capsule | getPublished()  getApproved()  setPublished()  createCapsuleURL()  createCapsuleHTML() |
| RF5: Inform the user how many capsules are registered based on their type. | Main | Main()  Menu()  executeOptions()  capsulesRegisteredByType()  showProjectStatus() |
| KnowledgeSystem | amountCapsulesByType() |
| Project | amountCapsulesByType() |
| Phase | amountCapsulesByType() |
| Capsule | getCapsuleType() |
| RF6: Inform the user about the learnings of the capsules registered in the projects corresponding to a particular phase. | Main | Main()  Menu()  executeOptions()  learningsInAPhase()  showProjectStatus() |
| KnowledgeSystem | phaseNamesInAProject()  learningsInAPhase() |
| Project | learningsInAPhase() |
| Phase | learningsInAPhase |
| Capsule | getID()  getDescription()  getLearnings() |
| RF7: Inform the user of the project with the most capsules registered. | Main | Main()  Menu()  executeOptions()  projectWithTheMostAmountOfCapsules() |
| KnowledgeSystem | projectWithTheMostAmountOfCapsules() |
| Project | getAmountOfCapsulesRegistered() |
| RF8: Inform the user if a partner has registered capsules at any time. | Main | Main()  Menu()  executeOptions()  capsulesOfAnEmployee() |
| KnowledgeSystem | capsulesOfAnEmployee() |
| Employee | getName()  capsulesOfAnEmployee() |
| Project | capsulesOfAnEmployee() |
| RF9: Inform the user of the situations and learning of the approved and published capsules. | Main | Main()  Menu()  executeOptions()  InformLearningsOfCapsulesByHastag() |
| KnowledgeSystem | InformLearningsOfCapsulesByHastag() |
| Project | InformLearningsOfCapsulesByHastag() |
| Phase | InformLearningsOfCapsulesByHastag() |
| Capusle | matchQueryWithHastag()  getApproved()  getPublished() |