# Tabla de Trazabilidad - Análisis al Diseño

Tarea Integradora 2 - Gestión de Resultados de Proyectos de Curso

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| Requerimiento Funcional | Clase(s) relacionada(s) | Método(s) o comportamiento(s) implementado(s) |
| RF1: Registro de cursos | Course, ProjectManager, Executable | registerCourse(Course), getCourseByCode(String), getCourses(), Executable.registerCourse() |
| RF2: Registro de profesores | Professor, ProjectManager, Executable | registerProfessor(Professor), getProfessorById(String), getProfessors(), isValidEmail(String), Executable.registerProfessor() |
| RF3: Registro de proyectos | Project, ProjectManager, Executable | registerProject(Project), getCourseByCode(String), getProfessorById(String), Executable.registerProject() |
| RF4: Búsqueda de proyectos | ProjectManager, Project, Course | searchProjectsByCourseName(String), searchProjectsByKeyword(String), getProjectById(String), Executable.searchProjectByID(), Executable.searchByCourseName(), Executable.searchByKeyword() |
| RF5: Registro de resultados de proyectos | Project, Result, Deliverable, ProjectManager, Executable, Repository, Document, Artifact | addResult(Result), canAddResult(), addDeliverable(Deliverable), getResults(), Executable.registerResultToProject(), Repository(String, String, int), Document(String, String), Artifact(String, String) |
| RF6: Consulta de proyectos | ProjectManager, Project, Result, Deliverable, Executable | getProjectById(String), getResults(), getDeliverables(), getType(), getPhase(), getUrl(), getArtifactType(), Executable.searchProjectByID() |
| RF7: Consulta de proyectos sin resultados | ProjectManager, Executable | getProjectsWithoutResults(), Executable.listProjectsWithoutResults() |
| RF8: Modificación de proyectos | ProjectManager, Project, Executable | modifyProject(String, String, List<String>, String, String, List<String>, String, String), setName(String), setCompanies(List<String>), setSemester(String), setType(String), setKeywords(List<String>), setDescription(String), setStatementLink(String), Executable.modifyProject() |
| RF9: Eliminación de entregables | ProjectManager, Result, Deliverable, Executable | deleteDeliverable(String, String, String), Deliverable.delete(), Executable.searchProjectByID() |
| RF10: Cargar información en prueba de datos | ProjectManager, Executable | loadDemoData(), loadFromCSV(String), Executable.initializeData() |