# CRC Card Model - Open-one Project Management

**Basic User Scenario**

1. Project Manager create new project.
2. PM manages team; add Products, Tasks, and Requirements…
3. Project Management includes schedule, progress, cost, risk, issue…
4. PM, member use DMS, Timesheet system.
5. Control, monitor, and update Project Status.

Notes: These are not fully documented user stories. More is needed, but these should give you an idea.

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| **Dashboard Controller Class** | |
| Responsibilities | Collaborators |
| 1. Provide overall information about projects ‘status including name, health, cost, progress, quality, efficiency, date, effort. 2. Allow user to filter projects by status, category, date, cost, progress, efficiency. 3. Allow user to sort projects by name, date, project manager. 4. Provide link to project detail information and export feature. | Project Class  Planner Class  Cost Class  DMS Class  Timesheet Class |

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| **Planner Controller Class** | |
| Responsibilities | Collaborators |
| 1. Allow project manager to manage tasks: add new task, update, delete, assign, monitor progress, completeness rate, and date. 2. Feature filter projects by status, assigned to. 3. Allow user to sort status, date, assigned to. 4. Import feature using Microsoft Project and export report. 5. Team members can update tasks’ progress. | Project Class  User Class  Stage Class  Product Class |

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| **Project Controller Class** | |
| Responsibilities | Collaborators |
| 1. Team Management 2. Project Module Management 3. Cost 4. Product 5. Schedule 6. Progress 7. Risk, Issue, Change Request | Stage Class  Product Class  User Class  Risk Class  Issue Class  Requirement Class  Deliverable Class |

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| **Report Controller Class** | |
| Responsibilities | Collaborators |
| 1. Project information 2. Planner 3. DMS 4. Timesheet | Project Class  Planner Class  DMS Class  Timesheet Class |

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| **Timesheet Controller Class** | |
| Responsibilities | Collaborators |
| 1. Allow project manager to monitor timework and effort of team member. 2. Feature filter projects by date, status, project. 3. Team members can log timesheet as their works daily or weekly. | Project Class  User Class  Product Class  Stage Class |

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| **DMS Controller Class** | |
| Responsibilities | Collaborators |
| 1. Allow project manager to monitor defect and fix bug effort of team. 2. Feature filter projects by date, status, and project, creator, assigned to. 3. Team members can update defect status. | Project Class  User Class |

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| **Requirement Controller Class** | |
| Responsibilities | Collaborators |
| 1. Managing feature enables user to store and manage their requirement documents. 2. Including: Add, update, remove, sort 3. User interface allows user to sort requirement by type, date, priority. 4. Display completeness rate updated by user. | Project Class  Product Class |

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| **User Admin Controller Class** | |
| Responsibilities | Collaborators |
| 1. Manage Project 2. Manage User 3. Manage Project Team 4. Manage Project Module 5. Change User’s Information 6. Reset Password 7. Manage Project 8. Manage Project Team 9. Manage Project Module 10. Manage Cost 11. Manage Product 12. Manage Work Order 13. Manage Risk, Issue, Change Request | User Class  Project Class |

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| **Dashboard Class** | |
| Responsibilities | Collaborators |
| Represent information of projects on system. |  |

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| **Planner Class** | |
| Responsibilities | Collaborators |
| Representation information of project’s tasks |  |

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| **Project Class** | |
| Responsibilities | Collaborators |
| Representation information of project |  |

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| **Report Class** | |
| Responsibilities | Collaborators |
| Representation information of project’s reports |  |

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| **Timesheet Class** | |
| Responsibilities | Collaborators |
| Representation information of project’s timesheet |  |

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| **DMS Class** | |
| Responsibilities | Collaborators |
| Representation information of project’s DMS |  |

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| **Requirement Class** | |
| Responsibilities | Collaborators |
| Representation information of project’s requirements |  |

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| **User Class** | |
| Responsibilities | Collaborators |
| Representation information of user on system |  |

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| **Product Class** | |
| Responsibilities | Collaborators |
| Representation information of products of project |  |

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| **Stage Class** | |
| Responsibilities | Collaborators |
| Representation information of stages of project |  |

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| **Risk Class** | |
| Responsibilities | Collaborators |
| Representation information of risks of project |  |

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| **Issue Class** | |
| Responsibilities | Collaborators |
| Representation information of issues of project | Project Class |

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| **Deliverable Class** | |
| Responsibilities | Collaborators |
| Representation state of products of project |  |