Group 4 section 4 USE CASE TABLE

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| **Use Case Name** | Create project |
| **Related Requirements** | P.1 Users can combine to work on a project of tasks as a project in teams. They will be assigned individual responsibilities and deadlines, and the group will be able to collectively see the progress of all tasks/projects, both ongoing and completed. |
| **Goal in Context** | User adds a grouped task in the form of a project. |
| **Precondition** | User(s) is/are logged in/signed up |
| **Successful end condition** | project Successfully created |
| **Failed end condition** | Request timeout, server disconnect |
| **Primary Actors** | User(s) |
| **Secondary Actors** | None |
| **Trigger** | User clicks the ‘Create project’ button |
| **Included Cases** |  |
| **Main Flow** | |  |  | | --- | --- | | **Step 1:** | Users Sign up | | **Step 2:** | Users Log in | | **Step 3**  **Include:: Add deadline** | Set a deadline for each user’s task in project | | **Step 4:** | Task Added | | **Step 5:**  **Include:: distribute** | Distribute the tasks amonttg the users/team. | | **Step 6**  **Include:: Add deadline** | Set a deadline for all users | | **Step 7:** | Tasks shown, assigned, and added | |

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| **Use Case Name** | Add deadlines (Projects/teams) |
| **Related Requirements** | P.2 The user/supervisor/manager can set a deadline(s) of the task or members. The deadline can be extended, altered, or reset by the Manager. |
| **Goal in Context** | User assigns deadlines to a tasks from Calendar. |
| **Precondition** | User has invited members and assigned tasks. |
| **Successful end condition** | Deadlines successfully assigned. |
| **Failed end condition** | Invalid date, server timeout, User unavailability |
| **Primary Actors** | User (Manager) |
| **Secondary Actors** | None |
| **Trigger** | User clicks the ‘add Deadline to tasks’ button |
| **Included Cases** |  |
| **Main Flow** | |  |  | | --- | --- | | Step 1: | User creates a project | | Step 2: | Picks a date and time for tasks | | Step 3  Include:: Add deadline | Sets deadlines | | Step 4: | deadlines Assigned | |

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| **Use Case Name** | Invite other users (Projects/teams) |
| **Related Requirements** | p.3 The user/supervisor/manager can invite users to collaborate on a project. The manager then assigns deadlines and tasks to every user. |
| **Goal in Context** | manager assigns deadlines and tasks to invitees.. |
| **Precondition** | User has created a project. |
| **Successful end condition** | Users successfully invited |
| **Failed end condition** | Invalid invite method, no project exists, User unavailability |
| **Primary Actors** | User (Manager) |
| **Secondary Actors** | None |
| **Trigger** | User clicks the ‘invite other users’ button |
| **Included Cases** |  |
| **Main Flow** | |  |  | | --- | --- | | Step 1: | User creates a project | | Step 2: | User invites other users through a certain medium (TBD) | | Step 3: | Invitation method successful | | Step 4: | Invited users join. | |

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| **Use Case Name** | Distribute Tasks (Projects/teams) |
| **Related Requirements** | p.4 The user is required to assign tasks to group members, so he does so by distributing tasks among the team and sets individual deadlines. |
| **Goal in Context** | Manager successfully assigns tasks to all users. |
| **Precondition** | User has created a project. |
| **Successful end condition** | Users assigned tasks. |
| **Failed end condition** | Invalid invite method, no project exists, User unavailability |
| **Primary Actors** | User (Manager) |
| **Secondary Actors** | None |
| **Trigger** | User clicks the ‘invite other users’ button |
| **Included Cases** | Check existing project |
| **Main Flow** | |  |  | | --- | --- | | Step 1: | User creates a project | | Step 2: | User has invited other users and they have joined the team. | | Step 3: | Assign tasks to individuals with deadlines | | Step 4: | Tasks successfully assigned. | |

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| **Use Case Name** | Project Added (Create Project) |
| **Related Requirements** | p.5 After the user has created a project, assigned deadlines, and added the contents, the project is created. There can be multiple editing or options that can be done to a task after it is added. |
| **Goal in Context** | Show the users that their project is added. |
| **Precondition** | User has successfully filled the required details to add and assign the tasks. |
| **Successful end condition** | Tasks are created and displays progress for all users. |
| **Failed end condition** | Invalid input in fields, task duplication |
| **Primary Actors** | User (Manager) |
| **Secondary Actors** | Users (Team) (Read-only) |
| **Trigger** | User successfully creates project. |
| **Included Cases** | Check created projects |
| **Main Flow** | |  |  | | --- | --- | | Step 1: | User makes a project | | Step 2: | User invites the team and assign tasks. | | Step 3  Extends:: Edit priorities | The Manager can edit the priorities of tasks. | | Step 4:  Extends:: edit deadline | The deadlines can be edited to an earlier or later date. | | Step 5:  Extends:: edit contents | The contents of the task can be edited by manager if the requirements change. | | Step 6  Include:: delete task | Option to delete task if it no longer required | |  |  | |

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| **Use Case Name** | Tasks in Progress |
| **Related Requirements** | T.1 After the user has created a task, assigned deadline to it, and added the contents, the task is created. The purpose is to show the task in this section as an in-progress incomplete task. |
| **Goal in Context** | Show the user their task(s) which are incomplete/in-progress. |
| **Precondition** | User has successfully filled the required details to add the tasks. |
| **Successful end condition** | Task(s) is/are created and shown as incomplete. |
| **Failed end condition** | Invalid input in fields, task doesn’t exist |
| **Primary Actors** | User |
| **Secondary Actors** | None |
| **Trigger** | User successfully creates task. |
| **Included Cases** | Check created tasks |
| **Main Flow** | |  |  | | --- | --- | | Step 1: | User adds a task | | Step 2: | The task is yet to be completed. | | Step 3: | The deadline hasn’t approached yet. | | Step 4: | Added to a list with all the tasks still in progress | |  |  | |

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| **Use Case Name** | Projects in Progress |
| **Related Requirements** | T.2 After the manager has created a project, distributed it to users, assigned deadlines to it, and added the contents, the project is created. The purpose is to show the project in this section as an in-progress incomplete project. |
| **Goal in Context** | Show the user their project(s) which are incomplete/in-progress. |
| **Precondition** | User has successfully filled the required details to add and assigned the tasks. |
| **Successful end condition** | projects(s) is/are created and shown as incomplete. |
| **Failed end condition** | Invalid input in fields, project doesn’t exist, deadline eexpired |
| **Primary Actors** | User (Manager) |
| **Secondary Actors** | Users (Team) (Read-only) |
| **Trigger** | Manager successfully creates task. |
| **Included Cases** | Check created projects |
| **Main Flow** | |  |  | | --- | --- | | Step 1: | User makes a project | | Step 2: | The tasks are yet to be completed by ‘**Any’** user(s). | | Step 3: | The deadline hasn’t approached yet. | | Step 4: | Added to a list with all the projects still in progress | |  |  | |

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| **Use Case Name** | Delete Task (Add task Tasks in progress |
| **Related Requirements** | T.1.1 After the user has assigned deadlines and added the contents, the possibility exists that the task is no longer required and hence needs to be deleted. |
| **Goal in Context** | Delete a task no longer required |
| **Precondition** | User has successfully added a task |
| **Successful end condition** | Task is from current tasks in progress |
| **Failed end condition** | Task already completed |
| **Primary Actors** | User |
| **Secondary Actors** | None |
| **Trigger** | User successfully creates task and now needs to delete it. |
| **Included Cases** |  |
| **Main Flow** | |  |  | | --- | --- | | Step 1: | User adds task | | Step 2: | User reviews the task’s progress | | Step 3: | User doesn’t require the task anymore. | | Step 4: : | User clicks the ‘Delete task’ option. | | Step 5: | Task successfully deleted | |

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| **Use Case Name** | Delete Project (Create Project projects in progress |
| **Related Requirements** | T.2.1 After the user has assigned deadlines and added the contents, the possibility exists that the project is no longer required by the manager/organization, and hence needs to be deleted. |
| **Goal in Context** | Delete a project no longer required |
| **Precondition** | User has successfully added a project |
| **Successful end condition** | Task is from current projects in progress |
| **Failed end condition** | project already completed |
| **Primary Actors** | User (Manager) |
| **Secondary Actors** | None |
| **Trigger** | Manager successfully creates project and now needs to delete it. |
| **Included Cases** |  |
| **Main Flow** | |  |  | | --- | --- | | Step 1: | User adds Project | | Step 2: | User reviews the project’s progress | | Step 3: | User doesn’t require the project anymore. | | Step 4: : | User clicks the ‘Delete Project’ option. | | Step 5: | project successfully deleted | |

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| **Use Case Name** | Show Completed Task |
| **Related Requirements** | C.1 The tasks which were completed before deadline expiration are shown. |
| **Goal in Context** | Show all the tasks successfully completed |
| **Precondition** | User has completed all the objectives of task(s). |
| **Successful end condition** | Show the tasks completed before deadline expiration. |
| **Failed end condition** | - |
| **Primary Actors** | User |
| **Secondary Actors** | None |
| **Trigger** | User successfully completes tasks. |
| **Included Cases** |  |
| **Main Flow** | |  |  | | --- | --- | | Step 1: | User adds Task | | Step 2: | User completes the required objectives of the task. | | Step 3: | User finishes the task before deadline. | | Step 4: : | The task is added to the ‘show completed tasks’ list. | |

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| **Use Case Name** | Show Completed Projects |
| **Related Requirements** | D.1 The projects which were completed before deadline expiration by all the users are shown. |
| **Goal in Context** | Show all the projects successfully completed |
| **Precondition** | Manager checks and evaluates all tasks as complete. |
| **Successful end condition** | Show the project ‘completed’ before deadline expiration. |
| **Failed end condition** | - |
| **Primary Actors** | User-Manager (view-only) |
| **Secondary Actors** | None |
| **Trigger** | Manager checks the project as complete. |
| **Included Cases** |  |
| **Main Flow** | |  |  | | --- | --- | | Step 1: | Manager adds project. | | Step 2: | Users complete the required objectives of their respective tasks. | | Step 3: | Users finish all the tasks before deadline. | | Step 4: : | The project is added to the ‘show completed projects’ list. | |

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| **Use Case Name** | Task Added (Add task) |
| **Related Requirements** | A.4 After the user has assigned deadlines and added the contents, the task is added. There multiple editing or options that can be done to a task after it is added. |
| **Goal in Context** | Show the user that their task is added. |
| **Precondition** | User has successfully filled the required details to add task |
| **Successful end condition** | Task is created and displays progress |
| **Failed end condition** | Invalid input in fields, task duplication |
| **Primary Actors** | User |
| **Secondary Actors** | None |
| **Trigger** | User successfully creates task. |
| **Included Cases** |  |
| **Main Flow** | |  |  | | --- | --- | | Step 1: | User adds task | | Step 2: | User reviews the task’s progress | | Step 3  Extends:: Edit priority | The trigger to edit the priority of task. | | Step 4:  Extends:: edit deadline | The deadline can be edited to an earlier or later date. | | Step 5:  Extends:: edit contents | The contents of the task can be edited if the requirements change. | | Step 6  Include:: delete task | Option to delete task if it no longer required | |  |  | |