

## Use Case Header

<b>Use Case Name:</b>	Add Task		
<b>Use Case ID:</b>	TEEM.UC.006	<b>Version No:</b>	6.2
<b>Created by:</b>	DHRUV	<b>On (date):</b>	23-08-'23
<b>Last Update by:</b>	MIHIR	<b>On (date):</b>	20-10-'23
<b>Goal:</b>	Allow the project manager to assign tasks to the teammates and collaborators.		
<b>Description:</b>	This use case outlines the steps for a project leader to assign a task to a member within a project. The task includes details and a deadline.		
<b>Primary Actor:</b>	User (Project Manager)		
<b>Secondary Actor:</b>	Users (Teammates, Collaborators), Email Service and DataBase		
<b>Trigger:</b>	The User selects the "Add Task" option within a workspace on the TEEM application.		
<b>Related use case:</b>	Create Workspace		

Use case Body	
Pre-Conditions:	<ul style="list-style-type: none"><li>• The User is logged into the TEEM application.</li><li>• A workspace exists within the TEEM application.</li><li>• The User is the project manager of the given workspace.</li></ul>
Main Flow:	<ol style="list-style-type: none"><li>1. The User selects a specific workspace within the TEEM dashboard whom they are a project manager of and where they want to add a task.</li><li>2. The TEEM application displays the selected workspace, providing options to add a task.</li><li>3. The system presents a form for task assignment, including the following fields:<ol style="list-style-type: none"><li>a. Task Title (mandatory)</li><li>b. Task Description (mandatory)</li><li>c. Task Type</li><li>d. Task Deadline (mandatory)</li><li>e. Assignees (mandatory)<ol style="list-style-type: none"><li>a. List of Team Mates</li><li>b. List of Collaborators</li></ol></li></ol></li><li>4. The User fills in the required task details and submits the task.</li><li>5. The TEEM application validates the information, ensuring that all mandatory fields are filled, and the deadline is in the future.</li></ol>

	<ol style="list-style-type: none"> <li>6. The system validates the assignees list and continues creating the task with the assignees in the workspace.</li> <li>7. The TEEM application sends a request to the Database to save the task, including its details and assigned workspace members.</li> <li>8. The Database stores the task information.</li> <li>9. The system asks the email service to send an email to the assigned members, including details regarding the assigned task.</li> <li>10. The User receives a confirmation message that the task has been successfully created.</li> </ol>
<b>Alternate Flow:</b>	<p>5.1 If the provided information is invalid or incomplete, the TEEM application displays an error message and prompts the user to correct the information.</p> <p>6.1 In case the member is not the part of the workspace or hasn't joined TEEM yet, the TEEM application displays the respective lists to the User.</p>
<b>Post-Conditions:</b>	<ul style="list-style-type: none"> <li>• A new task with the specified details is created and assigned to the workspace members from the assignee list within the selected workspace on the TEEM application.</li> <li>• Those details are stored in the Database.</li> </ul>
<b>Assumptions:</b>	<ul style="list-style-type: none"> <li>• The TEEM application is assumed to have access to a reliable email service for sending notifications to assignees.</li> </ul>