<<Extend>>

<<Include>>

<<Extend>>

<<Include>>

<<Include>>

Manager

Team member

<<Include>>

<<Include>>

<<Include>>

***Description key:*** *Numbers that appear bold refer to the requirement specification.*

This is the use case diagram for the task management system. It shows all the actions that can be performed by the different users that will be interacting with it. The diagram also details all the expected functional requirements for the task management system. TaskerSRV doesn’t have any user interaction, so it hasn’t been included in the diagram.

TaskerCLI is the front-end application that team members will have interaction with. From TaskerCLI the team members can identify themselves by logging in (**4.1.3: FR8**), using email authentication. Team members can download tasks for viewing offline (**4.1.3: FR8a**). Other use cases team members perform on TaskerCLI are editing of tasks (**4.1.3: FR10),** this includes commenting on/ editing steps of a task and changing the status of a task to completed.

TaskerMAN is the web-side application of the task management system, which the manager will interact with. From TaskerMAN the manager can create and modify user data. Illustrated in the use case diagram under ‘edit users’, the manager can create, update and delete users (**4.1.2: FR3**). Also shown in the use case, the manager can ‘create tasks and assign a team member’ (**4.1.2: FR4**). The manager, illustrated in the diagram (‘edit task details’), can also reallocate a task to a different team member (**4.1.2: FR5**) and mark a task as abandoned (**4.1.2: FR6**). The last use case the manager can perform on TaskerMAN is view tasks (**4.1.2: FR7**).