**Use Case Change properties - Guilherme Franco, nº60226**

| Name | Change properties |
| --- | --- |
| ID | 14 |
| Description | The project manager changes a tasks’ property |
| Actors - Primary | Project manager |
| Actors - Secondary | None |
| Pre-conditions | Task exists |
| Main Flow | 1. The use case starts when the project manager choses a task.  2. Include (Open Task Properties) .  3. The project manager selects the tab that contains the property he wishes to change  4. The system shows the properties under the selected tab  5. The project manager chooses the property he wishes to change  6. The project manager inputs the new value or toggles the existing value.  7. The project manager Confirms the change by clicking “ok”. |
| Post - Conditions | The task has a new property. |
| Alternative Flows | Change properties: Cancel |

**Use Case Change Properties: Cancel - Guilherme Franco, nº60226**

| Alternative Flow | Change Properties:Cancel |
| --- | --- |
| ID | 14.1 |
| Description | The project manager cancels the changes made to the settings |
| Actors - Primary | Project manager |
| Actors - Secondary | None. |
| Pre - conditions | The project manager had canceled the changes made to the properties |
| Main Flow | 1. The alternative flow can begin at any point during the main flow if the project manager clicks “cancel”  2. The project manager cancels the changes he did previously |
| Post - Conditions | None. |

**Use Case Assign Resource - Guilherme Franco, nº60226**

| Name | Assign resource |
| --- | --- |
| ID | 15 |
| Description | The project manager assigns a resource |
| Actors - Primary | Project manager |
| Actors - Secondary | None |
| Pre-conditions | Task exists and Resource exists |
| Main Flow | 1. The use case starts when the project manager choses a task.  2. Include (Open Task Properties) .  3. (o3) The project manager selects resources tab  4. (o4)The system shows the properties under the resources tab  5. (o5) The project manager chooses the add option  6. (o6) The project manager inputs the resource name he wants to assign to the task.  7. (o7) The project manager Confirms the change by clicking “ok”. |
| Post - Conditions | The task has a new resource. |
| Alternative Flows | None |

**Use case Open task properties- Guilherme Franco, nº60226**

| Name | Open task properties |
| --- | --- |
| ID | 16 |
| Description | The project manager asks the system a certain task’s information |
| Actors - Primary | Project manager |
| Actors - Secondary | None |
| Pre - conditions | The task must exist |
| Main Flow | 1. The use case starts when the project manager choses a task.  2. The project manager asks the system to show the task’s properties..  3. The system returns the task’s properties. |
| Alternative Flows | None |
| Post - Conditions | None |

**Use Case link tasks - Guilherme Franco, nº60226**

| Name | Link tasks |
| --- | --- |
| ID | 17 |
| Description | The project manager links one or more tasks |
| Actors - Primary | Project manager |
| Actors - Secondary | None |
| Pre-conditions | Task exists and Resource exists |
| Main Flow | 1. The use case starts when the project manager choses one or more tasks.  2. The user asks the system to link them together  3. The system according to the order(top-down) will make a chain of predecessores |
| Post - Conditions | The gantt chart has new dependencies |
| Alternative Flows | None |

**Use Case Add New Task - Guilherme Franco, nº60226**

| Name | Add new task |
| --- | --- |
| ID | 18 |
| Description | The user creates a new task in the system |
| Actors - Primary | User |
| Actors - Secundary | None |
| Pre - conditions | None |
| Main Flow | 1.The use case starts when the user presses the button New task.  2. The user assigns a name to the Task that he wants to create  3.The system creates a new task and places it in the diagram. |
| Post - Conditions | The task is created in the system. |
| Secondary Flows | None |