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| **ID and name** | UC-1: View logged employees | | |
| **Primary actor** | Manager | **Secondary actors** | Monitoring System |
| **Description** | The manager accesses the Monitoring System from a window, views a list of logged employees and the time that they logged in. | | |
| **Trigger** | The manager wants to see the list of logged employees | | |
| **Preconditions** | PRE-1: The manager is logged in. | | |
| **Postconditions** | POST-1: The window shows the list of logged employees | | |
| **Normal flow** | *1.0 View logged employees.*   1. The manager opens the window. 2. The system displays the list of logged employees. | | |
| **Alternative flows** | *1.1 There are no logged employees.*   1. The system displays an error message | | |
| **Exceptions** | - | | |

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| **ID and name** | UC-2: Send task | | |
| **Primary actor** | Manager | **Secondary actors** | Monitoring System |
| **Description** | The manager selects an employee from the list of logged employees, writes the task description and sends the task to the selected employee. | | |
| **Trigger** | The manager wants to send a new task for an employee. | | |
| **Preconditions** | PRE-1: The manager is logged in. | | |
| **Postconditions** | POST-1: The task is assigned to the selected employee.  POST-2: The employee’s task list gets updated. | | |
| **Normal flow** | *2.0 Send task.*   1. The manager selects an employee from the list. 2. The system displays an empty text box and a button. 3. The manager writes task description in the text box and triggers the button. 4. The system assigns the new task to the selected employee, updates his task list. | | |
| **Alternative flows** | *2.1 There is no selected employee when the button is triggered.*   1. The system displays an error message. | | |
| **Exceptions** | **2.0.E1 Task description is empty.**   1. The manager is informed about the error and the task is not sent. | | |

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| **ID and name** | UC-3: Login | | |
| **Primary actor** | User (employee / manager) | **Secondary actors** | Monitoring System |
| **Description** | The user comes to work, opens a window, inputs name, password and the time of the arrival (if the user is an employee) and triggers a button. | | |
| **Trigger** | The user wants to log in the system. | | |
| **Preconditions** | - | | |
| **Postconditions** | POST-1: The user is logged in. | | |
| **Normal flow** | *3.0 Login.*   1. The user opens the window. 2. The system displays two textboxes, a time picker (if the user is an employee) and a button. 3. The user inputs the name, the password and the time arrival (if the user is an employee) and triggers the button. 4. The system marks the user as logged | | |
| **Alternative flows** | *3.1 The user enters the wrong name / password.*   1. The system displays an error message and clears the textboxes. | | |
| **Exceptions** | - | | |

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| **ID and name** | UC-4: Logout | | |
| **Primary actor** | User (employee / manager) | **Secondary actors** | Monitoring System |
| **Description** | When the user leaves work, he triggers a button to logout from the system. | | |
| **Trigger** | The user wants to logout from the system. | | |
| **Preconditions** | PRE-1: The user is logged in. | | |
| **Postconditions** | POST-1: The user is logged out. | | |
| **Normal flow** | *4.0 User* *logout.*   1. The user triggers the logout button. 2. The system marks the user as logged out. | | |
| **Alternative flows** | - | | |
| **Exceptions** | - | | |

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| **ID and name** | UC-5: Update logged employees | | |
| **Primary actor** | Employee | **Secondary actors** | Monitoring System |
| **Description** | When an employee logs in or logs out, the logged employee list gets updated | | |
| **Trigger** | The employee logs in / logs out | | |
| **Preconditions** | PRE-1: The employee state (log in/out) is changed. | | |
| **Postconditions** | POST-1: The logged employee list gets updated | | |
| **Normal flow** | *5.0 Update logged employees.*   1. The employee logs in the system or logs out from the system. 2. The logged employee list from the manager window gets updated | | |
| **Alternative flows** | - | | |
| **Exceptions** | - | | |

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| **ID and name** | UC-6: View tasks | | |
| **Primary actor** | Employee | **Secondary actors** | Monitoring System |
| **Description** | The employee views a list of tasks. | | |
| **Trigger** | The employee wants to see his tasks | | |
| **Preconditions** | PRE-1: The employee is logged in. | | |
| **Postconditions** | POST-1: The employee sees his list of tasks. | | |
| **Normal flow** | *6.0 View tasks.*   1. The employee logs in the system. 2. The system displays the list of tasks. | | |
| **Alternative flows** | *6.1 There are no tasks assigned to the employee.*   1. The system displays an error message | | |
| **Exceptions** | - | | |

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| **ID and name** | UC-7: Solve task | | |
| **Primary actor** | Employee | **Secondary actors** | Monitoring System |
| **Description** | The employee marks a task as solved by selecting the task from his list of tasks and triggering a button. | | |
| **Trigger** | The employee wants to mark a task as solved. | | |
| **Preconditions** | PRE-1: The employee is logged in. | | |
| **Postconditions** | POST-1: The task is marked as solved.  POST-2: The employee’s task list gets updated. | | |
| **Normal flow** | *7.0 Solve task.*   1. The employee selects a task. 2. The system displays a button. 3. The employee triggers the button. 4. The system marks the task as solved and updates the task list | | |
| **Alternative flows** | *7.1 There is no selected task when the button is triggered.*   1. The system displays an error message. | | |
| **Exceptions** | - | | |

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| **ID and name** | UC-8: Add employee | | |
| **Primary actor** | Manager | **Secondary actors** | Monitoring System |
| **Description** | The manager inputs the name of the new employee and triggers a button. | | |
| **Trigger** | The manager wants to add a new employee. | | |
| **Preconditions** | PRE-1: The manager is logged in. | | |
| **Postconditions** | POST-1: The employee is added. | | |
| **Normal flow** | 1. *Add employee.* 2. The manager inputs the name in a text box and triggers a button. 3. The system generates a password for the new employee and the new employee is added to the system. | | |
| **Alternative flows** | - | | |
| **Exceptions** | **8.0.E1 Name is empty.**   1. The manager is informed about the error and the employee is not added. | | |

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| **ID and name** | UC-9: Delete employee | | |
| **Primary actor** | Manager | **Secondary actors** | Monitoring System |
| **Description** | The manager inputs the name of the new employee and triggers a button. | | |
| **Trigger** | The manager wants to delete an employee. | | |
| **Preconditions** | PRE-1: The manager is logged in. | | |
| **Postconditions** | POST-1: The employee is deleted. | | |
| **Normal flow** | 1. *Delete employee.* 2. The manager inputs the name in a text box and triggers a button. 3. The system deletes the employee from the system. | | |
| **Alternative flows** | - | | |
| **Exceptions** | **9.0.E1 Name is empty.**   1. The manager is informed about the error and the employee is not deleted.   **9.0.E2 There is no employee with this name.**   1. The manager is informed about the error and the name textbox is cleared. | | |

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| **ID and name** | UC-10: Update employee’s password | | |
| **Primary actor** | Manager | **Secondary actors** | Monitoring System |
| **Description** | The manager inputs the name of the employee, triggers a button and the system generates a new password for the employee. | | |
| **Trigger** | The manager wants to change an employee’s password | | |
| **Preconditions** | PRE-1: The manager is logged in. | | |
| **Postconditions** | POST-1: The employee’s password is changed | | |
| **Normal flow** | 1. *Update employee’s password.* 2. The manager inputs the name in a text box and triggers a button. 3. The system updates the employee’s password. | | |
| **Alternative flows** | - | | |
| **Exceptions** | **10.0.E1 Name is empty.**   1. The manager is informed about the error and the employee’s password is not changed.   **10.0.E2 There is no employee with this name.**   1. The manager is informed about the error and the name textbox is cleared. | | |

**Iterations**

1. Login + add employee + delete employee.
2. **Logout** + **view logged employees** + **update logged employees** + **update employee’s password**.
3. Send task + view tasks + solve tasks.