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| ID and name | UC-1: Login | | |
| Primary actor | Personnel | Secondary actors |  |
| Description | Personnel opens the application from a computer that is in the company’s office, fills in the form login form, presses on the login button and if the credentials are correct a new window will pop up, otherwise a message will be prompted to the personnel that the credentials are incorrect. | | |
| Trigger | PRE-1: Personnel indicates that it wants to login into the system. | | |
| Preconditions | - | | |
| Postconditions | POST-1: Personnel is logged into the system. | | |
| Normal flow | 1. The personnel fills in the required data (actor type, username, password) in order to login into the system and presses the login button. 2. The system confirms the authentication of the actor if the given credentials are correct and opens a new tab for the afferent actor. | | |
| Alternative flows |  | | |
| Exceptions | 1. Password is incorrect:  * A message that says the given password was incorrect is shown. Actor wants to refill the password field. * Return to normal flow scenario.  1. Username is incorrect:  * A message that says the given username was incorrect is shown. Actor wants to refill the username field. * Return to normal flow scenario.  1. Both username and password are correct, but the selected actor type is wrong:  * A message that says the selected actor type does not match the credentials is shown. Actor wants to change the type. * Return to normal flow scenario. | | |

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| ID and name | UC-2: Check in | | |
| Primary actor | Employee | Secondary actors |  |
| Description | An employee introduces the hour he arrived at the office and presses on the attendance button and a new window is shown. | | |
| Trigger | An employee indicates that it wants to be checked in for the workday. | | |
| Preconditions | PRE-1: Employee must be logged into the system. | | |
| Postconditions | POST-1: Employee is checked in for the workday. | | |
| Normal flow | 1. An employee fills in the hour he arrived at the office to start working. 2. Employee presses on the attendance button 3. A new window is shown, and the workday begins for the employee | | |
| Alternative flows |  | | |
| Exceptions | 1. The difference between current time and checked in time inputted by the employee is bigger than 30:  * A message that lets the employee know the check in cannot be effectuated is shown. * Return to normal flow scenario. | | |

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| ID and name | UC-3: View tasks | | |
| Primary actor | Employee | Secondary actors |  |
| Description | An employee sees the ongoing and completed tasks it has. | | |
| Trigger | An employee indicates that it wants to see the ongoing and completed tasks it has. | | |
| Preconditions | PRE-1: Employee must be logged into the system.  PRE-2: Employee must be checked in for the workday | | |
| Postconditions | POST-1: Employee sees his tasks | | |
| Normal flow | 1. An employee is prompted the list of his tasks along with the deadline after it is checked in for the workday. | | |
| Alternative flows | - | | |
| Exceptions | - | | |

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| ID and name | UC-4: Notify logout | | |
| Primary actor | Employee | Secondary actors | Boss |
| Description | An employee notifies his boss that his work is done for the day and closes the window which checks him out. | | |
| Trigger | Employee indicates that it wants to finish his workday. | | |
| Preconditions | PRE-1: Employee must be logged into the system.  PRE-2: Employee must be checked in for the workday. | | |
| Postconditions | POST-1: Boss is notified that the employee has checked out. | | |
| Normal flow | 1. Employee presses on the close button in the main window 2. The system checks the employee out. 3. Boss is notified of the employee’s check out. | | |
| Alternative flows | - | | |
| Exceptions | - | | |

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| ID and name | UC-5: Add new task | | |
| Primary actor | Boss | Secondary actors | Employee |
| Description | A boss selects the employee and sends it a task with its afferent description and deadline. | | |
| Trigger | The boss indicates that it wants to send a task to an employee. | | |
| Preconditions | PRE-1: Boss is logged in. | | |
| Postconditions | POST-1: Boss sent a task to the employee. | | |
| Normal flow | 1. The boss selects the desired employee for the task it wants to assign the employee for 2. The boss writes a task description and selects a deadline date. 3. The employee is sent a new task if the data wrote by the boss is valid. | | |
| Alternative flows | - | | |
| Exceptions | 1. The deadline date has already passed.  * A new message that lets the boss know that the selected date for the deadline is invalid is shown. * The boss indicates that it wants to reselect the deadline date. * Return to normal flow scenario to point 2.  1. The task description is too short.  * A new message that lets the boss know that the prompted task description is too short is shown. * The boss indicates that it wants to rewrite the task description. * Return to normal flow scenario to point 1. | | |

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| ID and name | UC-6: View present employee list | | |
| Primary actor | Boss | Secondary actors |  |
| Description | A boss sees all present employees at the viewing moment. | | |
| Trigger | A boss indicates that it wants to see all present employees at the viewing moment. | | |
| Preconditions | PRE-1: Boss is logged in | | |
| Postconditions | POST-1: Boss sees all the present employees | | |
| Normal flow | 1. The boss is prompted the list of all present employees and the check in time at the viewing moment. | | |
| Alternative flows | - | | |
| Exceptions | - | | |

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| ID and name | UC-7: Search by name | | |
| Primary actor | Boss | Secondary actors |  |
| Description | A boss wants to search all present employees that have the name similar to the one it prompts. | | |
| Trigger | A boss indicates that it wants to search an/more employees by name. | | |
| Preconditions | PRE-1: Boss is logged in | | |
| Postconditions | POST-1: Boss sees all the present employees whose names matches the prompted name | | |
| Normal flow | 1. The boss writes a name in the name text field. 2. The employee table is dynamically updated with the employees whose names match the prompted text by the boss in the text field. 3. The boss finishes to write the wanted name. 4. The boss sees the employees whose names match the prompted name | | |
| Alternative flows | 1. There are no present employees who match the name prompted by the boss:  * The boss sees an empty list of employees. | | |
| Exceptions | - | | |

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| ID and name | UC-8: Complete task | | |
| Primary actor | Employee | Secondary actors |  |
| Description | An employee selects a task that it has completed and presses the finish task button. The employee will be prompted a new window asking for confirmation. | | |
| Trigger | An employee indicates that it wants to finish a certain task. | | |
| Preconditions | PRE-1: Employee must be logged in.  PRE-2: Employee must be checked in for the workday. | | |
| Postconditions | POST-1: Employee has marked a task as finished.  POST-2: Employee has not marked a task as finished. | | |
| Normal flow | 1. The employee presses on the desired task that is situated in the task list. 2. The employee presses on finish task button. 3. The employee is prompted a window of confirmation if it wants to mark the task as finished (the choices are Yes/No) 4. The employee presses yes in the confirmation window. 5. The task is marked as finished. | | |
| Alternative flows | 1. The employee presses no in the confirmation window:  * The task list is not updated. * The employee sees the main interface. | | |
| Exceptions | 1. The employee presses finish task, while no task was selected:  * A new message will pop up instructing the employee select a task if it wants to use the finish task feature. * The employee indicates that it wants to select a task. * Return to normal flow scenario point 1. | | |

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| ID and name | UC-9: Select task and read details | | |
| Primary actor | Employee | Secondary actors |  |
| Description | An employee selects a task from the task list and reads the description of the task it selected from a text that is shown on his interface. | | |
| Trigger | An employee indicates that it wants to select a task and read its details. | | |
| Preconditions | PRE-1: Employee is logged in.  PRE-2: Employee is checked in for the workday. | | |
| Postconditions | POST-1: Employee selected a task and read its details. | | |
| Normal flow | 1. An employee clicks on a task from the task list. 2. An employee reads the task details that are shown on its interface. | | |
| Alternative flows | - | | |
| Exceptions | - | | |

Iterations:

* Domain and Repository
* Service
* Controller