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| ID and name | UC – 01: Login | | |
| Primary actor | Employee | Secondary actors | - |
| Description | An employee comes to work, opens the application, and wants to start his working day | | |
| Trigger | An employee opens a new instance of the app | | |
| Preconditions | PRE – 01: The employee is registered in the system | | |
| Postconditions | POST – 01: The employee has access to the functionalities of the application according to his status.  POST – 02: If the employee is a worker the admin will be notified of the login | | |
| Normal flow | **1.0 Login**   1. The employee opens the application. 2. The system displays a form with two inputs for username and password. 3. The employee introduces his username and password. 4. The system recognizes the entered data and the client authenticates successfully | | |
| Alternative flows | **1.1 Invalid username and password**   1. System displays an error indicating that the username and password are wrong (see 1.1.E1). 2. Return to step 2 of the normal flow | | |
| Exceptions | **1.1E1 The user is not registered**   1. System does not support password recovery; employee should recover his password from system administrators | | |

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| ID and name | UC – 02: Logout | | |
| Primary actor | Employee | Secondary actors | - |
| Description | An employee exits the application | | |
| Trigger | An employee wants to exit the application | | |
| Preconditions | PRE-01: The employee is logged in the system | | |
| Postconditions | POST-01: The employee has no longer access to the system | | |
| Normal flow | **2.0 Logout**   1. The employee clicks the log out button. 2. System is closed. | | |
| Alternative flows | - | | |
| Exceptions | - | | |

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| ID and name | UC – 03: Assign task | | |
| Primary actor | Admin | Secondary actors | Worker |
| Description | An admin assigns a task to the worker and the tasks becomes visible on worker screen | | |
| Trigger | The admin indicates that he wants to assign a task to a worker | | |
| Preconditions | PRE-01: The admin is logged in the system with an admin account.  PRE-02: The worker is logged in the system. | | |
| Postconditions | POST-01: The worker sees the task assigned in his screen.  POST-02: The admin sees that the task was assigned to the worker. | | |
| Normal flow | **3.0 Assign task**   1. Admin selects a worker and clicks the assign task button. 2. System displays a window with fields for the task’s details. 3. Admin fills in the task details and clicks assign button. 4. System displays the task in both the worker and the admin window | | |
| Alternative flows | **3.1 – Worker not selected**   1. Admin does not select a worker when he clicks the assign task button, see 3.1E1. 2. Does not change anything, return to the normal state of the window.   **3.3 – Invalid task details**   1. Admin does not complete fields or gives invalid data (e.g. task finish date earlier than task start date, see 3.3.E1and 3.3.E2) 2. Return to step 2 of the normal flow | | |
| Exceptions | **3.1.E1 – No worker selected**   1. System informs the admin that no worker was selected.   **3.3.E1 – Admin does not complete all the task details**   1. System informs the admin that there are missing details.   **3.3.E2 – End date earlier than start date**   1. System informs the admin that the date provided is invalid. | | |

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| ID and name | UC – 04: Delete task | | |
| Primary actor | Admin | Secondary actors | Worker |
| Description | After a task was assigned, the admin decides to remove it | | |
| Trigger | Admin selects the task and indicates that he wants it removed | | |
| Preconditions | PRE-01: The task has been assigned to the worker.  PRE-02: The admin is logged in the system with an admin account. | | |
| Postconditions | POST-01: Both the worker and the admin does not see the task anymore | | |
| Normal flow | **4.0 – Delete task**   1. Admin selects a task and clicks on delete task button. 2. System displays a confirmation message for deleting the task. | | |
| Alternative flows | **4.1 – No task is selected when the button is clicked**   1. System displays an error showing that there is no task selected, see 4.1.E1. 2. The window remains unchanged. | | |
| Exceptions | **4.1.E1 – No task selected**   1. System informs the admin that there is no task selected | | |

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| ID and name | UC – 05: Mark task as done | | |
| Primary actor | Worker | Secondary actors | Admin |
| Description | After finishing a task, the worker marks it as completed. | | |
| Trigger | The worker selects a task from his window and marks it as completed. | | |
| Preconditions | PRE-01: The worker is logged in the system.  PRE-02: He has the task assigned. | | |
| Postconditions | POST-01: The task is no longer visible in worker’s window.  POST-02: The admin is informed that the task is done. | | |
| Normal flow | **5.0 – Mark task as done**   1. Worker selects a task and then clicks on a button. 2. System displays a message confirming that the tasks was marked as done. | | |
| Alternative flows | **5.1 – No task selected**   1. The worker does not select any task, see 5.1.E1. 2. No changes are made | | |
| Exceptions | **5.1.E1 – Worker selects no task**   1. System informs the worker that there is no task selected | | |

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| ID and name | UC – 06: See all available workers | | |
| Primary actor | Admin | Secondary actors | - |
| Description | The admin can see all available workers at the current time | | |
| Trigger | Admins indicates that he wants to see all available workers | | |
| Preconditions | PRE-01: The admin is logged in as an admin. | | |
| Postconditions | POST-01: The admin sees a list of all the available workers | | |
| Normal flow | **6.0 – See all available workers**   1. Admin clicks a “see all available workers” button. 2. System displays on the main window table all the workers that are logged in. | | |
| Alternative flows | - | | |
| Exceptions | - | | |

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| ID and name | UC – 07: See all tasks | | |
| Primary actor | Admin | Secondary actors | - |
| Description | The admin can see all tasks assigned | | |
| Trigger | Admins indicates that he wants to see all tasks | | |
| Preconditions | PRE-01: The admin is logged in as an admin. | | |
| Postconditions | POST-01: The admin sees a list of all tasks assigned | | |
| Normal flow | **7.0 – See all tasks**   1. Admin clicks a “see all tasks” button. 2. System displays on the main window a table all tasks assigned to the workers | | |
| Alternative flows | - | | |
| Exceptions | - | | |

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| ID and name | UC – 08: See all workers | | |
| Primary actor | Admin | Secondary actors | - |
| Description | The admin can see all the workers from the company | | |
| Trigger | Admins indicates that he wants to see all workers | | |
| Preconditions | PRE-01: The admin is logged in as an admin. | | |
| Postconditions | POST-01: The admin sees a list of all the workers | | |
| Normal flow | **7.0 – See all workers**   1. Admin clicks a “see all workers” button. 2. System displays on the main window table all the workers from the system | | |
| Alternative flows | - | | |
| Exceptions | - | | |

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| ID and name | UC – 09: Add worker | | |
| Primary actor | Admin | Secondary actors | - |
| Description | Introduce a new worker in the system | | |
| Trigger | Admin wants to add a new worker | | |
| Preconditions | PRE-01: Admin is logged in the system | | |
| Postconditions | POST-01: A new worker is created | | |
| Normal flow | **8.0 – Add worker**   1. Admin clicks add worker button. 2. System displays a window in which you can fill the details of a worker. 3. Admins fills in the details. 4. System validates data and shows a confirmation message. 5. System saves the information, and a new user is created | | |
| Alternative flows | **8.4 – System validates the details**   1. The data introduced is not valid, see 8.4.E1 2. System displays an error message. 3. Go to the step 2 in normal flow. | | |
| Exceptions | **8.4.E1 – Data not valid**   1. Data introduced is not valid. 2. System displays an error message. 3. Go to the step 2 in normal flow. | | |

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| ID and name | UC – 10: Update worker | | |
| Primary actor | Admin | Secondary actors | - |
| Description | Update an already existing worker | | |
| Trigger | Admin selecting a worker and initiate the update worker operation | | |
| Preconditions | PRE-01: Admin is logged in the system | | |
| Postconditions | POST-01: The worker’s details are updated | | |
| Normal flow | **9.0 – Update worker**   1. Admin selects a worker and clicks on the update button. 2. System displays a window in which you can fill the details of a worker. 3. Admins fills in the details. 4. System validates the details of the worker and shows a confirmation message. 5. System saves the information, and a new user is created | | |
| Alternative flows | **9.1 – Admin does not select a worker**   1. Admin does not select a worker, see 9.1.E1. 2. System displays an error message. 3. Return to the main window.   **9.4 –System does not validate the details**   1. The data introduced is not valid, see 9.4.E1 2. System displays an error message. 3. Go to the step 2 in normal flow. | | |
| Exceptions | **9.4.E1 – Worker not selected**   1. Admin press the button without a worker being selected. 2. System displays an error and returns to the main window.   **9.4.E1 – Data not valid**   1. Data introduced by the user is not valid. 2. System displays an error message. 3. Go to the step 2 in normal flow. | | |

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| ID and name | UC – 11: Delete worker | | |
| Primary actor | Admin | Secondary actors | - |
| Description | A worker is deleted from the system. | | |
| Trigger | Admin selects a worker and initiate the deletion process | | |
| Preconditions | PRE-01: Admin is logged in the system | | |
| Postconditions | POST-01: The worker is no longer in the system | | |
| Normal flow | **10.0 Delete worker**   1. Admin selects a worker and press the delete button. 2. System displays a confirmation message. 3. Admin confirms the operation. 4. System deletes the worker. | | |
| Alternative flows | **10.1 – Worker not selected**   1. Admin does not select a worker and press the delete button, see 10.1.E1. 2. System displays an error message. 3. Go to the main page of the application. | | |
| Exceptions | **10.1.E1 – Worker not selected**   1. System displays an error message showing that no worker is selected | | |