Employee Management System

Use Cases

4. MONITORIZARE ANGAJATI

O firma si-a creat o infrastructura prin care seful monitorizeaza angajatii prezenti la lucru si le traseaza sarcini individuale. Firma are o aplicatie care ofera: •

1. fereastra pentru sef, cu ajutorul careia seful vede lista angajatilor prezenti în firma, un element din lista precizând numele angajatului si ora la care s-a logat în sistem. De asemenea, seful poate transmite o sarcina unui angajat prezent astfel: selecteaza angajatul din lista, introduce o descriere a sarcinii si declanseaza un buton "transmite sarcina". Imediat dupa transmiterea unei sarcini, aceasta poate fi consultata de catre angajatul respectiv.
2. câte o fereastra pentru fiecare angajat: Atunci când angajatul vine la serviciu, introduce ora sosirii si declanseaza un buton "prezent". Imediat dupa declansarea butonului, seful vede în lista lui ca angajatul este prezent. În continuare, cât timp angajatul sta la serviciu, el primeste si, în consecinta, vede în fereastra lui, sarcinile transmise de sef. La plecare, angajatul închide fereastra, moment în care seful este notificat de delogarea acestuia din sistem.

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| **ID and name** | UC-1: View Employees | | |
| **Primary actor** | Manager | **Secondary actors** | - |
| **Description** | A manager accesses the Employees page to view a list of his employees and their activity status. | | |
| **Trigger** | A Manager wants to see his employees. | | |
| **Preconditions** | PRE-1. Manager is logged into the System. | | |
| **Postconditions** | - | | |
| **Normal flow** | **1.0 View employees list**   1. The Manager clicks the Employees tab from the menu. 2. A list containing all the employees that report to him, and their current activity status is displayed. | | |
| **Alternative flows** | - | | |
| **Exceptions** | **1.0.E1 The Manager has been demoted or fired.**  1. The system displays an error message.  2. The Manager is logged out of the system and redirected to the login page. | | |

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| **ID and name** | UC-2: Add Employees | | |
| **Primary actor** | Manager | **Secondary actors** | Employee |
| **Description** | The Manager adds a new Employee by submitting a form that creates a new user account. | | |
| **Trigger** | A Manager wants to add a new employee into the network. | | |
| **Preconditions** | PRE-1. Manager is logged into the System. | | |
| **Postconditions** | POST-1. A new Employee is added into the database, and he can login into the network. | | |
| **Normal flow** | **2.0 Add an employee.**  1. The Manager clicks the Add Employee button  2. The System displays a form requesting information about the new Employee, such as his name or email address.  3. The Manager provides the requested data.  4. The Manager clicks the Submit button.  5. The system validates the data  6.a. If the data is invalid, the system displays an error. Return to 2.0.3  6.b. If the data is valid, the system adds the new Employee into the network. | | |
| **Alternative flows** | **2.1 Cancel the action.**  1. Follow 2.0.1-3  2. The Manager decides he no longer wants to add a new employee and clicks the Cancel button.  3. The system takes the Manager back to the Employee Menu. | | |
| **Exceptions** | **2.0.E1 An employee with the same email address is already has already been registered into the network.**  1. The System alerts the Manager that the email address is already in use.  2. Return to 2.0.3  **2.0.E2 A server error has occurred.**  1. An error message is displayed.  2. The Manager is redirected to the Main Menu. | | |

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| **ID and name** | UC-3: Delete Employees | | |
| **Primary actor** | Manager | **Secondary actors** | Employee |
| **Description** | The Manager removes an Employee that is no longer part of the company from the network. | | |
| **Trigger** | A Manager wants to remove an employee from the network. | | |
| **Preconditions** | PRE-1. Manager is logged into the System.  PRE-2. The Manager navigates to the Employee view table. | | |
| **Postconditions** | POST-1. The deleted Employee is removed from the database, and he loses access to his account. | | |
| **Normal flow** | **3.0 Delete an employee.**  1. The Manager selects an Employee from the list.  2. The Manager clicks the Delete Employee button.  3. An alert pane is displayed, requesting confirmation for the action.  4. The Manager clicks the Confirm button.  5.a. If the confirmation checkbox is not checked, the system displays an error message. Return to 3.0.3  5.b If the confirmation checkbox is checked, the Employee is deleted from the database.  6. The employee list is updated. | | |
| **Alternative flows** | **3.1 Cancel the action.**  1. Follow 3.0.1-3  2. The Manager decides he no longer wants to delete the selected employee and clicks the Cancel button.  3. The system takes the Manager back to the Employee Menu. | | |
| **Exceptions** | **3.0.E1 The Employee has already deleted by another Manager.**  1. The System alerts the Manager that the user does no longer exist.  2. Return to 3.0.6  **3.0.E2 A server error has occurred.**  1. An error message is displayed.  2. The Manager is redirected to the Main Menu. | | |

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| **ID and name** | UC-4: View Tasks | | |
| **Primary actor** | Manager | **Secondary actors** | - |
| **Description** | The Manager navigates through the tasks assigned to an employee. | | |
| **Trigger** | A Manager wants to see the tasks that are assigned to a specific employee. | | |
| **Preconditions** | PRE-1. Manager is logged into the System.  PRE-2. The Manager sees the employee list. | | |
| **Postconditions** | - | | |
| **Normal flow** | **4.0 Add an employee.**   1. The Manager requests additional information about the tasks assigned to the employee by double clicking an employee. 2. The Systems displays a list containing the most recent tasks assigned to the employee. 3. The Manager wants to see older tasks and clicks the See Older button.   4a. The System displays older tasks.  4.b. If there are no more tasks to display, the See Older button is hidden.  5. The Manager clicks the Up Arrow button.  6. The task list is collapsed. | | |
| **Alternative flows** | **4.1 See tasks from multiple employees.**  1. Follow 4.01-2.  2. The Manager selects another employee from the list.  3. The system displays the tasks for the newly selected employee, without collapsing the other employees’ tasks. | | |
| **Exceptions** | **-** | | |

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| **ID and name** | UC-5: Search Employees | | |
| **Primary actor** | Manager | **Secondary actors** | - |
| **Description** | A manager accesses the Employees page in order to search for a certain employee and see his current status and assigned tasks. | | |
| **Trigger** | A Manager wants to track his employees. | | |
| **Preconditions** | PRE-1. Manager is logged into the System. | | |
| **Postconditions** | POST-1. The list of employees is filtered, and the results are valid | | |
| **Normal flow** | **5.0 Search for an employee**  1. The Manager inputs a string into the search bar.  2. The System displays only the employee with the searched name.  3. The Manager logs out. | | |
| **Alternative flows** | **5.1 Provide an empty string for search.**   1. The Manager does not provide input for the search. 2. A list with all the employees is provided. 3. Return to 5.0.3   **5.2 Search for multiple employees**   1. The Manager inputs a string into the search bar. 2. The System returns multiple results for the search and displays all of them. 3. Return to 5.0.3 | | |
| **Exceptions** | **5.0.E1 Searched name contains invalid characters**  1. The System alerts the Manager that the string input is invalid  2a. If the Manager changes the search input to a valid one, correspondent results are shown.  2b. Else if the Manager performs the search with an invalid input, no results are displayed, and an error message is shown. | | |

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| **ID and name** | UC-6 Add tasks for employees | | |
| **Primary actor** | Manager | **Secondary actors** | - |
| **Description** | The Manager wants to assign new tasks to his employees | | |
| **Trigger** | The Manager adds a new task for an employee. | | |
| **Preconditions** | PRE-1. The Manager is logged in into System.  PRE-2. The Manager sees the list of assigned tasks for an employee. | | |
| **Postconditions** | POST-1. Changes made by the Manager are reflected in the database and in each Employee’s task list. | | |
| **Normal flow** | **6.0 Add a task.**   1. The Manager clicks the “Add task” button. 2. The System displays a window requesting details for generating and assigning the new task. 3. The Manager provides valid input and successfully assigns a new task to the selected employee. 4. The System displays the new task in the expanded list. | | |
| **Alternative flows** | **6.1 Cancel the action.**  1. Follow 6.0.1-2.  2. The Manager no longer wants to add a new task and clicks the Cancel button.  3. The window is closed | | |
| **Exceptions** | **6.0.E1 A task with the same name was already assigned to an employee**  1. The system informs the Manager that a task with the same name has already been assigned to the selected employee.  2. Return to 6.0.3. | | |

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| **ID and name** | UC-7 Delete tasks for employees | | |
| **Primary actor** | Manager | **Secondary actors** | - |
| **Description** | The Manager wants to delete tasks that are no longer required. | | |
| **Trigger** | The Manager deletes a selected task. | | |
| **Preconditions** | PRE-1. The Manager is logged into System.  PRE-2. The Manager sees the list of assigned tasks for an employee. | | |
| **Postconditions** | POST-1. Changes made by the Manager are reflected in the database and in each Employee’s task list. | | |
| **Normal flow** | **7.0 Delete Task**  1. The Manager selects a task from the list and clicks the Delete Task button.  2. The System requests confirmation for the deletion.  3. The Manager confirms the deletion.  4. The System successfully deletes the selected task, and the list is updated. | | |
| **Alternative flows** | **7.1 Cancel the task deletion.**  1. Follow 7.0.1-2.  2. The Manager clicks the Cancel button.  3. The system closes the Confirmation pane. | | |
| **Exceptions** | - | | |

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| **ID and name** | UC-8: Login | | |
| **Primary actor** | User (Manager/ Employee) | **Secondary actors** | - |
| **Description** | A User logs into the network by submitting his credentials. | | |
| **Trigger** | A User wants to log into the network. | | |
| **Preconditions** | - | | |
| **Postconditions** | - | | |
| **Normal flow** | **8.0 Login**  1. The User enters the Login page.  2. The system requests the User’s credentials.  3. The User provides the requested data and clicks the Login button.  4.a. The authentication is successful, and the User is redirected to the Manager page.  4.b. The authentication is successful, and the User is redirected to the Manager page. | | |
| **Alternative flows** | **8.1 Show password**  1. Follow 8.0.1-2.  2. The User provides the requested data.  3. The User wants to double-check the password, so he clicks the icon next to the password field.  4. The system reveals the text in the password field while the button is clicked.  5. The Manager releases the click.  6. The password is hidden.  7. Continue with 8.0.3 | | |
| **Exceptions** | **2.0.E1 The email address or the password is invalid.**  1. The System alerts the User that the credentials are invalid.  2. Return to 8.0.2. | | |

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| **ID and name** | UC-9: Logout | | |
| **Primary actor** | User  (Manager/  Employee) | **Secondary actors** | - |
| **Description** | The User logs out of the network. | | |
| **Trigger** | A User clicks the Logout button. | | |
| **Preconditions** | PRE-1. The User is logged into the System. | | |
| **Postconditions** | POST-1. Upon returning to a previous page, the User is redirected to the Login page. | | |
| **Normal flow** | **9.0. Logout**  1. The User clicks the Logout button in the navbar.  2. The system redirects the User to the Login page. | | |
| **Alternative flows** | **-** | | |
| **Exceptions** | **-** | | |

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| **ID and name** | UC-10: View Assigned Tasks | | |
| **Primary actor** | Employee | **Secondary actors** | - |
| **Description** | The Employee navigates through the list of tasks that were assigned to him. | | |
| **Trigger** | An Employee wants to see what tasks were assigned to him. | | |
| **Preconditions** | PRE-1. Employee is logged into the System. | | |
| **Postconditions** | - | | |
| **Normal flow** | **10.0 View Assigned Tasks.**  1. The Employee clicks the Tasks button from the menu.  2. A list with the Employee’s active tasks is displayed. | | |
| **Alternative flows** | **10.1 View Completed Tasks.**  1. The Employee clicks the Tasks button from the menu.  2. The Employee selects the Completed Tasks tab.  3. A list with all the tasks completed by the Employee is displayed. | | |
| **Exceptions** | **10.0.E1 No active tasks**  1. Follow 10.0.1.  2. If there are no active tasks for the Employee, a message is displayed. | | |

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| **ID and name** | UC-11: Mark Task as Finished | | |
| **Primary actor** | Employee | **Secondary actors** | - |
| **Description** | The Employee marks a task as finished. | | |
| **Trigger** | An Employee has finished a task and wants to report its completion. | | |
| **Preconditions** | PRE-1. Employee is logged into the System.  PRE-2. The Employee sees the list of tasks. | | |
| **Postconditions** | The task status is updated. | | |
| **Normal flow** | **11.0 Mark Task as Finished**  1. The Employee selects a task from the list.  2. The Employee clicks the Finish Task button.  3. A pop-up appears, asking for confirmation.  4. The Employee confirms his action.  5. The task is marked as finished and removed from the active tasks list. | | |
| **Alternative flows** | **11.1 Cancel action.**  1. Follow 11.0.1-3.  2. The Employee clicks the Cancel button when asked for confirmation.  3. The pop-up is closed, and no changes are made to the list. | | |
| **Exceptions** | **-** | | |

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| **ID and name** | UC-12: Check-in | | |
| **Primary actor** | Employee | **Secondary actors** | - |
| **Description** | The Employee checks-in to register his work hours. | | |
| **Trigger** | The Employee needs to check-in for work in order to complete his hours. | | |
| **Preconditions** | PRE-1. Employee is logged into the System. | | |
| **Postconditions** | POST-2. The check-in hour is recorded into the database. | | |
| **Normal flow** | **12.0 Check-in**  1. The Employee clicks the Check-in button.  2. A window is displayed, asking for the check-in hour.  3. The Employee selects the hour and submits the form.  4. The system registers the check-in.  5. The Employee’s status is changed to active. | | |
| **Alternative flows** | **12.1 Check-in with the current hour**  1. Follow 12.0.1-2.  2. The Employee submits the form without providing a check-in hour,  3. The system registers the check-in with the hour at which the check-in was submitted.  4. The Employee’s status is changed to active.  **12.2 Cancel check-in.**  1. Follow 12.0.1-2.  2. The Employee clicks the Cancel button.  3. The window is closed, and the activity status remains unchanged. | | |
| **Exceptions** | **12.0.E1 The provided time is outside the work schedule.**  1. Follow 12.0.1-3  2. The submitted hour is not in the 9-17 interval, an error message is displayed.  3. Return to 12.0.3 | | |