## **Use case template**

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: • o 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. • 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 Login | | |
| Primary actor | Employer | Secondary actors | Employee Tracking System |
| Description | The system allows the employer to log in the system and access a dashboard showing a sheet of all employees. This dashboard provides real-time monitoring of employees currently logged into the system and allows the employer to manage tasks, review work status, and track attendance records. | | |
| Trigger | The employer initiates the login process. | | |
| Preconditions | PRE-1. Employer has an account in the system.  PRE-2. The system is accessible. | | |
| Postconditions | POST-1: The employer is successfully logged in and has access to the dashboard. | | |
| Normal flow | The employer opens the login page.  The employer enters their username and password.  The system verifies the credentials.  If valid, the employer gains access to the dashboard, which shows the employee list and current attendance status. | | |
| Alternative flows | The employer forgets their password.   * The system provides a "Forgot Password" option. * The employer enters their email to receive a password reset link. | | |
| Exceptions | E1. Incorrect credentials entered.   * The system displays an error message and prompts the employer to re-enter the credentials. | | |

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| ID and name | UC-2: Assign Task to Employee | | |
| Primary actor | Employer | Secondary actors | Employee |
| Description | The system allows the employer to assign tasks to employees currently logged into the system. The employer can select an employee from the employee list, enter a task description, and send the task. | | |
| Trigger | The employer initiates the task assignment process. | | |
| Preconditions | PRE-1: The employer is logged into the system.  PRE-2: At least one employee is logged in. | | |
| Postconditions | POST-1: The task is assigned to the selected employee and is visible in their task list. | | |
| Normal flow | The employer selects an employee from the list of logged-in employees.  The employer enters a task description.  The employer clicks "Assign Task."  The system stores and assigns the task.  The employee sees the task and can start working on it. | | |
| Alternative flows | Assign multiple tasks to the same employee:   * The employer repeats steps 3-4 for additional tasks. * The system updates the employee’s task list.   Edit or delete an assigned task.   * The employer navigates to task management, selects the task, and edits or deletes it. * The system updates or removes the task from the employee’s list. | | |
| Exceptions | Invalid or empty task description:   * The system alerts the employer to enter a valid description.   No employees are logged in:   * The system informs the employer that no employees are available. | | |

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| ID and name | UC-3: Employee Check-in | | |
| Primary actor | Employee | Secondary actors | Employee Tracking System |
| Description | The system allows employees to check in when they arrive at work by entering the arrival time. This information will be visible in the employer's dashboard. | | |
| Trigger | The employee arrives at the workplace and enters the system. | | |
| Preconditions | PRE-1: The employee is registered in the system.  PRE-2: The system is accessible. | | |
| Postconditions | POST-1: The employee's arrival time is recorded, and the employer can see the employee as present in the system. | | |
| Normal flow | The employee arrives at the workplace.  The employee opens the check-in window and enters the time of arrival.  The employee clicks "Check-in."  The system records the arrival time and updates the employer's dashboard.  The employee is listed as present in the system. | | |
| Alternative flows | Invalid or incorrect time format.   * The employee enters an invalid time (e.g., "25:00" or "13:61"). * The system detects the error and alerts the employee to enter a valid time. * The employee re-enters the correct time and clicks "Check-in." | | |
| Exceptions | Employee fails to enter a valid time (e.g., empty input).   * The system alerts the employee to enter a valid time. | | |

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| ID and name | UC-4 Employee Check-out | | |
| Primary actor | Employee | Secondary actors | Employer |
| Description | The system allows employees to log out after finishing their workday. The employer is notified of the employee’s logout. | | |
| Trigger | The employee ends their workday and logs out from the system. | | |
| Preconditions | PRE-1: The employee is logged into the system.  PRE-2: The system is accessible. | | |
| Postconditions | POST-1: The employee’s status is updated to "logged out" and is removed from the employer’s dashboard. | | |
| Normal flow | The employee finishes their work and opens the logout window.  The employee clicks "Logout."  The system logs out the employee and notifies the employer of the logout. | | |
| Alternative flows | Invalid or incorrect time format.   * The employee enters an invalid time (e.g., "25:00" or "13:61"). * The system detects the error and alerts the employee to enter a valid time. * The employee re-enters the correct time and clicks "Check-in." | | |
| Exceptions | The employee tries to log out while not logged in.   * The system displays an error message, stating "You are not logged in." | | |

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| ID and name | UC-5 Monitor Employee Task Status | | |
| Primary actor | Employer | Secondary actors | Employee |
| Description | The system allows the employer to monitor the progress and status of tasks assigned to employees. | | |
| Trigger | The employer views the task status on the dashboard. | | |
| Preconditions | PRE-1: The employer is logged into the system.  PRE-2: Tasks are assigned to employees. | | |
| Postconditions | POST-1: The employer can see the current status of each assigned task. | | |
| Normal flow | The employer opens the dashboard.  The employer views the list of tasks assigned to each employee, including their current status (e.g., in progress, completed). | | |
| Alternative flows | -- | | |
| Exceptions | No tasks are assigned to employees.   * The system displays a message: "No tasks assigned." | | |

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| ID and name | UC-6 Employee Receives Task Notification | | |
| Primary actor | Employee | Secondary actors | Employer |
| Description | The system notifies the employee when a new task is assigned by the employer. | | |
| Trigger | The employer assigns a new task. | | |
| Preconditions | PRE-1: The employee is logged in.  PRE-2: The employer has assigned a task. | | |
| Postconditions | POST-1: The employee receives a notification about the new task. | | |
| Normal flow | The employer assigns a new task to the employee.  The employee receives a notification about the task.  The employee views the task details. | | |
| Alternative flows | -- | | |
| Exceptions | The system fails to notify the employee.   * The system retries and alerts the employer that the notification failed. | | |

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| ID and name | UC-7: Employee Marks Task as Done | | |
| Primary actor | Employee | Secondary actors | Employer |
| Description | The system allows employees to mark their assigned tasks as completed. | | |
| Trigger | The employee finishes a task and updates its status. | | |
| Preconditions | PRE-1: The employee is logged into the system.  PRE-2: The employee has at least one assigned task. | | |
| Postconditions | POST-1: The task status is updated to "Completed".  POST-2: The employer sees the updated status in the dashboard. | | |
| Normal flow | The employee opens the task list.  The employee selects a task and clicks "Mark as Done".  The system updates the task status to "Completed".  The employer is notified about the completion. | | |
| Alternative flows | Employee mistakenly marks a task as done.   * The system allows re-opening the task. | | |
| Exceptions | No tasks assigned → The system displays "No active tasks". | | |

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| ID and name | UC-7: Employee Marks Task as Done | | |
| Primary actor | Employer | Secondary actors | Employee |
| Description | The system allows the employer to modify or delete an assigned task. | | |
| Trigger | The employer decides to update or remove a task. | | |
| Preconditions | PRE-1: The employer is logged into the system.  PRE-2: There are existing tasks assigned to employees. | | |
| Postconditions | POST-1: The task is updated or removed from the system.  POST-2: The employee is notified of the change. | | |
| Normal flow | The employer accesses the task list.  The employer selects a task to update or delete.  If updating:   * The employer edits the task details and saves changes. * The system updates the task information.   If deleting:   * The employer confirms task deletion. * The system removes the task.   The employee is notified of the update/deletion. | | |
| Alternative flows | The employer cancels the update or deletion → No changes are saved. | | |
| Exceptions | No tasks assigned → The system displays "No tasks available for update." | | |