# Use case specification:

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| Use case title: | Log in |
| Participating actors: | initiated by all users |
| The flow of events: | 1. The User first will enter the website. 2. The system will show the login form. 3. The user will enter his ID and password(form). 4. The system checks the entered ID and searches for the account. 5. And the system will validate the entered password with the stored password for this user. 6. If the password is correct the web app will open to the main page for the user account. |
| Alternative flow: | first alternative flow-A1: start in step 4 in the main flow:  5. if the id is not founded.  6. the system will show an error message for ID to the user and ask him to reenter it.  and it will back to step 5 in the main flow. |
| Second alternative flow-A2: start at the step 5 in the main flow:  6. if the password is not correct.  7. the system will show an error message for the password and ask the user to reenter it.  and the flow will go back to step 6 in the main flow. |
| Entry condition | user has an account on the system. |
| Exit conditions | the user enters the system |

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| Use case name: | change password. |
| Participating  Actors: | initiated by all users. |
| The flow of events: | 1. The actor selects the "Change Password" option from the user interface 2. The system will display a form containing ID, old password, new password, and confirm new password fields. 3. The actor will fill in the required fields. 4. The system will check if the ID matches the actor's account ID. 5. The system validates the entered data: - Verifies that the ID corresponds to the actor's account. - Verifies that the old password matches the current password for the account. - Verifies that the new password meets the system's password requirements (construct of 8 characters and contain letters and numbers). - Verifies that the new password and the confirmed password match. 6. If the data is valid, the system updates the actor's password with the new password. 7. The system displays a success message indicating that the password has been changed. |
| Entry condition | user has an account on the system. |
| Exit conditions | password changed. |

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| Use case name: | Add suggestion |
| Participating  Actors: | initiated by: supervisor.  manager |
| The flow of events: | 1. the supervisor choice to add new project suggestion. 2. The system displays the project form. 3. The supervisor will complete all fields in the project form, and choice apply. 4. The system check if all the field completed, then send the suggestion to the manager and show message the suggestion applied successfully. 5. If the manager choice to accept the suggestion:  * The system will send the response to the supervisor as a notification. * The system will add the suggestion to the suggestions list.  1. Is the supervisor choice to reject the suggestion:  * The system will send the response for the supervisor as a notification. * And the system will delete the suggestion from the requests. |
| Entry condition | Supervisor and manager had log in the system |
| Exit conditions | the suggestion request is handled. |

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| Use case name: | Edit suggestion |
| Participating  Actors: | initiated by: supervisor |
| The flow of events: | 1. The supervisor chooses a suggestion from his suggestions page, that manager still don’t accept or reject it. 2. The system gives two options. 3. The supervisor choice to edit this suggestion. 4. The system will display the project form to the supervisor. 5. The supervisor will recomplete the form. 6. The system check if all field are completed and resend the new suggestion to the manager. |
| Entry condition | The supervisor already had suggestions, that doesn’t accepted or rejected yet. |
| Exit conditions | The suggestion information had updated. |

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| Use case name: | Delete suggestion |
| Participating  Actors: | initiated by: supervisor |
| The flow of events: | 1. The supervisor chose a suggestion from his suggestion list. 2. The system shows two options. 3. The supervisor chose to delete suggestion. 4. The system will ask the supervisor to confirm the decision he made. 5. The supervisor chose yes. 6. The system will delete the suggestion from the supervisor and manager. |
| Exception flows: | First exception flow-E1: start at the step 4 in the main flow:   1. if the supervisor chooses to change his decision. 2. the system will close and exit the delete project interface, and the use case will fail. |
| Entry condition | The supervisor log in and already had suggestions, that doesn’t accept or reject yet. |
| Exit conditions | The suggestion has deleted. |

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| Use case title: | change profile photo |
| Participating users: | initiated by all users. |
| The flow of events: | 1. The user will choose to change his profile photo. 2. The system will ask the user to upload a photo from his device 3. The user will upload a photo 4. The system will check the photo format. 5. if it fits the system format 6. The system will replace the old photo with the new photo and send a successful message. |
| Alternative flow: | first alternative flow-A1: start in the step 4:  5. if the format does not match the system-determined  format the system will send an error message to the user and ask him to upload another image with the correct format.  And the flow will go back to step 6 in the main flow. |
| Entry condition: | The user log in |
| Exit conditions: | profile photo changed. |

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| Use case name | display suggestions list |
| Participating actors | initiated by all users. |
| Flow of events | 1. The actor selects the “Display suggestions List” option from the user interface. 2. The system will display the suggestions list. 3. If the user chooses to filter the list. 4. The system will show two options. 5. If the user chooses “by department”. 6. The system will filter the list and display it. 7. If the user chooses “by supervisor”. 8. The system will filter the list and display it. |
| Entry conditions: | user log in |
| Exit conditions: | Suggestions list displayed |