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| A close up of a sign  Description automatically generatedIntern IDM  Java-task  Guide | |  | | |
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|  |  |
| V.2 | |
| TESTED ON   * SYBASE ASE 16   Last Updated on   * 29.07.2022 | | |  | Test Results Test Results for the IDM Onboarding project. |

Contents

[Changes 4](#_Toc110001211)

[1.Overview 4](#_Toc110001212)

[2.Add 4](#_Toc110001213)

* [2.1 Hire Valid User 4](#_Toc110001214)
* [2.2 Hire User with invalid fields 5](#_Toc110001215)
* [2.3 Hire user With invalid Manager Id 5](#_Toc110001216)
* [2.4 Add Valid Role 6](#_Toc110001217)
* [2.5 Add Role With invalid Fields 6](#_Toc110001218)
* [2.6 Add Role With An already existing name 7](#_Toc110001219)
* [2.7 Add Valid Privilege 8](#_Toc110001220)
* [2.8 Add Privilege With invalid Fields 8](#_Toc110001221)
* [2.9 Add Privilege With An already existing name 9](#_Toc110001222)

[3.Display 10](#_Toc110001223)

* [3.1 Display existing User 10](#_Toc110001224)
* [3.2 Display Non-Existing User 10](#_Toc110001225)
* [3.3 Display Existing Role 11](#_Toc110001226)
* [3.4 Display Non-Existing Role 12](#_Toc110001227)
* [3.5 Display Existing Privilege 12](#_Toc110001228)
* [3.6 Display Non-Existing Privilege 13](#_Toc110001229)
* [3.7 Display All Access For An Object 13](#_Toc110001230)
* [3.8 Display access for non-existing object 14](#_Toc110001231)

[4.Modify 14](#_Toc110001232)

* [4.1 Modify valid user 14](#_Toc110001233)
* [4.2 Modify user with invalid fields 15](#_Toc110001234)
* [4.3 Modify non-existing user 16](#_Toc110001235)
* [4.4 Modify Deleted user 16](#_Toc110001236)
* [4.5 Modify valid Role 17](#_Toc110001237)
* [4.6 Modify role with invalid fields 17](#_Toc110001238)
* [4.7 Modify non-existing role 18](#_Toc110001239)
* [4.8 Modify Deleted role 19](#_Toc110001240)
* [4.9 Modify valid Privilege 19](#_Toc110001241)
* [4.10 Modify privilege with invalid fields 20](#_Toc110001242)
* [4.11 Modify non-existing Privilege 21](#_Toc110001243)
* [4.12 Modify Deleted Privilege 22](#_Toc110001244)

[5.Assign Access 22](#_Toc110001245)

* [5.1 Assign privilege to user 22](#_Toc110001246)
* [5.2 Assign invalid privilege to user 23](#_Toc110001247)
* [5.3 Assign privilege to role 24](#_Toc110001248)
* [5.4 Assign only privilege to user 24](#_Toc110001249)
* [5.5 Assign only privilege to ROLE 25](#_Toc110001250)
* [5.6 Assign role to role 26](#_Toc110001251)
* [5.7 Assign role to User 26](#_Toc110001252)
* [5.8 Assign date with invalid date format 27](#_Toc110001253)
* [5.9 Assign overlapping date 28](#_Toc110001254)
* [5.10 Assign Deleted Access 28](#_Toc110001255)

[6.Modify Access 29](#_Toc110001256)

* [6.1 Modify Privilege Access 29](#_Toc110001257)
* [6.2 Modify Role Access 30](#_Toc110001258)
* [6.3 Modify Invalid Date 30](#_Toc110001259)
* [6.4 Modify Deleted Access 31](#_Toc110001260)

[7.Remove Access 31](#_Toc110001261)

* [7.1 Remove Privilege 31](#_Toc110001262)
* [7.2 Remove ONLY Privilege 32](#_Toc110001263)
* [7.3 Remove Role 33](#_Toc110001264)
* [7.4 Remove Invalid Access 34](#_Toc110001265)

[8.Delete 35](#_Toc110001266)

* [8.1 Delete User 35](#_Toc110001267)
* [8.2 Delete Role 36](#_Toc110001268)
* [8.3 Delete Privilege 36](#_Toc110001269)
* [8.4 Delete ONLY Privilege 37](#_Toc110001270)

# Changes



# 1.Overview

Below are shown all test cases that are covered for each of the functionalities that are present in the application.

For each of them the following information is provided:

* Tested by
* Time of the test
* Expected result
* Comment (if needed)
* Screenshot

# 2.Add

## 2.1 Hire Valid User

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The user with all their attributes is added in the database, and their unique Id is returned

Graphical user interface, text, application, email

Description automatically generated

## 2.2 Hire User with invalid fields

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The user is not created, and a respective message is returned.

Comment: We add a user without a name attribute

Graphical user interface, text, application, email

Description automatically generated

## 2.3 Hire user With invalid Manager Id

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: User is not created, and a respective message is returned.

Comment: We add a user with a manager Id that does not exist

Graphical user interface, text, application, email

Description automatically generated

## 2.4 Add Valid Role

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The role is added, and its unique name is returned

Graphical user interface, text, application, email

Description automatically generated

## 2.5 Add Role With invalid Fields

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The role is not created, and a respective message is returned

Comment: We add a role without a unique name

Graphical user interface, text, application, email

Description automatically generated

## 2.6 Add Role With An already existing name

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The role is not created, and a respective message is returned

Comment: We add a role that already exists in the system with that name

Graphical user interface, text, application, email

Description automatically generated

## 2.7 Add Valid Privilege

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The privilege is created, and its unique Name is returned.

Graphical user interface, text, application, email

Description automatically generated

## 2.8 Add Privilege With invalid Fields

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The privilege is not created, and a respective message is returned.

Comment: We add a privilege without a unique name

Graphical user interface, text, application, email

Description automatically generated

## 2.9 Add Privilege With An already existing name

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The privilege is not created, and a respective message is returned

Comment: We add a privilege that already exists in the system with that unique name

Graphical user interface, text, application, email

Description automatically generated

# 3.Display

## 3.1 Display existing User

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Returns the user with all his attributes and non-deleted access.

Comment: We display all attributes of an existing user

Graphical user interface, text, email

Description automatically generated

## 3.2 Display Non-Existing User

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Should return empty body and a status code 404 not found.

Comment: We display a user that does not exist in the system

Graphical user interface, text, application, email

Description automatically generated

## 3.3 Display Existing Role

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Should return the role with all its attributes and all assigned access and all users assigned to.

Comment: We display a role with all its attributes

Graphical user interface, text, email

Description automatically generated

Text

Description automatically generated

## 3.4 Display Non-Existing Role

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Should return an empty body and a status code 404 not found

Comment: We display a role that does not exist in the system

Graphical user interface, application

Description automatically generated

## 3.5 Display Existing Privilege

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Should return the privilege with all its attributes and all users assigned to.

Comment: We display a role with all its attributes

Graphical user interface, text, application, email

Description automatically generated

## 3.6 Display Non-Existing Privilege

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Should return an empty body and a status code 404 not found.

Comment: We display a privilege that does not exist in the system

Graphical user interface, text, application

Description automatically generated

## 3.7 Display All Access For An Object

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Should display all access for the object even the deleted one.

Comment: We get an existing user from the system and display all his access ever assigned to him

Graphical user interface, text, email

Description automatically generated

## 3.8 Display access for non-existing object

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Should return an empty body.

Comment: We get an non-existing user and try to display his access

Graphical user interface, text, application

Description automatically generated

# 4.Modify

## 4.1 Modify valid user

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The user attributes should be modified, and a respective message should be returned.

Comment: We get an existing user from the system and modify his attribute fields

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

## 4.2 Modify user with invalid fields

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Any of the user’s field should not be modified and a respective message should be returned.

Comment: We get an existing user from the system and try to modify invalid attribute fields

Graphical user interface, text, application, email

Description automatically generated

## 4.3 Modify non-existing user

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Any of the user’s field should not be modified, the entered unique id should be displayed and a status code 404 not found should be returned.

Comment: We try to modify the attribute fields of a non-existing user

Graphical user interface, text, application, email

Description automatically generated

## 4.4 Modify Deleted user

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Any of the user’s field should not be modified and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 4.5 Modify valid Role

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The roles attributes should be modified, and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

## 4.6 Modify role with invalid fields

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Any of the role’s attributes should not be modified and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 4.7 Modify non-existing role

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Any of the role’s attributes should not be modified, its unique name should be returned, and a status code 404 not found should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 4.8 Modify Deleted role

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Any of the role’s attributes should not be modified and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 4.9 Modify valid Privilege

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The privilege’s attributes should be modified, and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

## 4.10 Modify privilege with invalid fields

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Any of the privilege’s attributes should not be modified and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 4.11 Modify non-existing Privilege

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Any of the privilege’s attributes should not be modified, its unique name should be returned, and a status code 404 not found should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 4.12 Modify Deleted Privilege

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Any of the privilege’s attributes should not be modified and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

# 5.Assign Access

## 5.1 Assign privilege to user

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: If the user does not have the respective ONLY privilege, the privilege should not be assigned, and a respective message should be returned.

Comment: We try to assign a privilege to a user who does not have the respective ONLY privilege assigned to him

Graphical user interface, text, application, email

Description automatically generated

## 5.2 Assign invalid privilege to user

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The privilege should not be assigned, and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 5.3 Assign privilege to role

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The privilege should be assigned to the role, and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 5.4 Assign only privilege to user

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The privilege should be added to the user’s access and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, email

Description automatically generated

## 5.5 Assign only privilege to ROLE

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The privilege should not be assigned, and a respective message should be returned.

Comment: We can’t assign ONLY privileges to roles

Graphical user interface, text, application, email

Description automatically generated

## 5.6 Assign role to role

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The role with all its access should be assigned to the role and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

## 5.7 Assign role to User

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The role with all its access should be assigned to the user and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text

Description automatically generated

## 5.8 Assign date with invalid date format

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Nothing should happen, and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 5.9 Assign overlapping date

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Nothing should happen, and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 5.10 Assign Deleted Access

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Nothing should happen, and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

# 6.Modify Access

## 6.1 Modify Privilege Access

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The privileges validity should be updated, and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 6.2 Modify Role Access

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The roles validity and all its access should be updated aswell and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 6.3 Modify Invalid Date

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Nothing should happen, and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

## 6.4 Modify Deleted Access

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: Nothing should happen, and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

# 7.Remove Access

## 7.1 Remove Privilege

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The privilege should be removed from the user’s access and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, email

Description automatically generated

## 7.2 Remove ONLY Privilege

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The ONLY privilege with all other privileges from the same system should be removed aswell and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

## 7.3 Remove Role

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The role with all its privileges assigned should be removed and a respective message should be returned.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

## 7.4 Remove Invalid Access

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: A respective message should return, and nothing should happen.

Graphical user interface, text, application, email

Description automatically generated

# 8.Delete

## 8.1 Delete User

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The user should be marked as deleted by setting its attribute field to true and returning a respective message.

Comment: The user is marked as deleted and his ONLY privileges are removed

Text

Description automatically generated with low confidence A picture containing text

Description automatically generated

Graphical user interface, text, application, chat or text message, email

Description automatically generated

## 8.2 Delete Role

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The role should be marked as deleted by setting its attribute field to true and returning a respective message.

Comment: The role is marked as deleted and won’t be visible in the user’s regular access

Graphical user interface, text, application, chat or text message, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

## 8.3 Delete Privilege

Tested by: Nikola Vuchev

Time Tested: 15.07.2022

Expected result: The privilege should be marked as deleted by setting its attribute field to true and returning a respective message.

Comment: The privilege is marked as deleted and won’t be visible in the user’s regular access

Graphical user interface, text, application, chat or text message, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

## 8.4 Delete ONLY Privilege

Tested by: Nikola Vuchev

Time Tested: 20.07.2022

Expected result: The privilege should not be deleted, and a respective message should be returned.

Comment: You can’t delete an ONLY privilege from the system, so the privilege is not deleted

Graphical user interface, text, application, chat or text message, email

Description automatically generated