



# DHBW

Duale Hochschule  
Baden-Württemberg

TINF21C, SWE I Praxisprojekt 2022

---

## System Test Report (STR)

**Project:** AAS-Management

**Customer:** Rentschler & Holder  
Rotebühlplatz 41  
70178 Stuttgart

**Supplier:** Team 2 (Selvana Dwi Ayunda, Paul Brenner, Jonas Alexander Graubner, Mohaddeseh Tibashi, Luka Dominik Pavic)  
Rotebühlplatz 41  
70178 Stuttgart

**Version 0.1**

Version	Date	Author	Comment
0.1	18.05.2023	Selvana Ayunda	Created and report

# 1. Scope

The System Test Report (STR) records the outcomes of tests that originated from the System Test Plan (STP). It includes the test cases outlined in the STP, along with their corresponding results obtained from executing the test plan.

## 2. Test Case

### 2.1 Test Case User login for advanced

**Testcase ID** **T001**

**TC Name** User login for advanced

**Req-ID** AASM-REQ1

**Description** This test cases verifies that user can log in with correct Email and Password

Step	Action	Data	Expected result
1	Open Website	<a href="https://jotec2002.github.io/TINF21C_AAS_Management/">https://jotec2002.github.io/TINF21C_AAS_Management/</a>	Website is open
2	Click on log in button		the pop-up window appears
3	Enter valid e-mail address and password.	email: <a href="mailto:advanced@example.com">advanced@example.com</a> password: advanced	type login data in text fields
4	Click on the "Login" button.		login successfully , email adress as dropdown with log out appears

Step	Action	Data	Expected result
Tester :	Selvana Ayunda		
Date :	18.05.2023		
Test Case Result :	PASS		

## 2.2 Test Case User login for admin

**Testcase ID** T002

TC Name User login for admin

Req-ID AASM-REQ1

Description This test cases verifies that user can log in with correct Email and Password

Step	Action	Data	Expected result
1	Open Website	<a href="https://jotec2002.github.io/TINF21C_AAS_Management/">https://jotec2002.github.io/TINF21C_AAS_Management/</a>	Website is open
2	Click on log in button		the pop-up window appears
3	Enter valid e-mail address and password .	email: <a href="mailto:admin@example.com">admin@example.com</a> password: admin	type login data in text fields

Step	Action	Data	Expected result
4	Click on the "Login" button.		login successfully, User Management , Add Asset , and email address as dropdown with logout appear on navbar
Tester :	Selvana Ayunda		
Date :	18.05.2023		
Test Case Result :	PASS		

### 2.3 Test Case User login for invalid access

**Testcase ID** T003

TC Name User login for invalid access

Req-ID AASM-REQ6

Description This test cases verifies that user with invalid access can't log in

Step	Action	Data	Expected result
1	Open Website	<a href="https://jotec2002.github.io/TINF21C_AAS_Management/">https://jotec2002.github.io/TINF21C_AAS_Management/</a>	Website is open
2	Click on log in button		the pop-up

Step	Action	Data	Expected result
			window appears
3	Enter valid e-mail address and password.	email: <a href="mailto:blabla@example.com">blabla@example.com</a> password: ss	type login data in text fields
4	Click on the "Login" button.		error message with login failed show
Tester :	Selvana Ayunda		
Date :	18.05.2023		
Test Case Result :	PASS		

## 2.4 Test Case User logout

Testcase	ID	T004
TC Name	User logout	
Req-ID	AASM-REQ1	
Precondition	User is already logged in	
Description	This test cases verifies that user can log out successfully	

Step	Action	Data	Expected result
1	Click on dropdown email		logout button shows
2	Click on log out button		email on navbar will be desepppear

## 2.5 Test Case Asset and their Submodels

Testcase		ID	T005
TC Name	Asset and their Submodels		
Req-ID	AASM-REQ1		
Precondition	user is on homepage		
Description	This test cases verifies that basic-user has only limited submodels		
Step	Action	Data	Expected result
1	Click on Asset	AAS_WEISS_HN400607	Show Nametamplate and TechnicalData on rightside
Tester :	Selvana Ayunda		
Date :	18.05.2023		
Test Case Result:	PASS		

## 2.6 Test Case Asset and their Submodels

Testcase	ID	T006
TC Name	Asset and their Submodels	
Req-ID	AASM-REQ1	

Testcase		ID	T006
Precondition	user is on homepage and login as advanced		
Description	This test cases verifies advanced has more submodels as basic		
Step	Action	Data	Expected result
1	Click on AAS_WEISS_HN400607 (Asset)		Show more than Nametamplate and TechnicalData on rightside
Tester :	Selvana Ayunda		
Date :	18.05.2023		
Test Case Result:	PASS		

## 2.7 Test Case Asset and their Submodels

Testcase		ID	T007
TC Name	Asset and their Submodels		
Req-ID	AASM-REQ1		
Precondition	user is on homepage and login as admin		
Description	This test cases verifies admin has more submodels as basic		
Step	Action	Data	Expected result
1	Click on AAS_WEISS_HN400607 (Asset)		Show more than Nametamplate and TechnicalData on rightside
Tester :	Selvana Ayunda		

Step	Action	Data	Expected result
Date :	18.05.2023		
Test Case Result:	PASS		

## 2.8 Test Case Change Role

<b>Testcase ID</b>	<b>T008</b>		
TC Name	Change Role		
Req-ID	AASM-REQ2		
Precondition	The user is already logged in as admin		
Description	The admin wants to use admin dashboard to change role of the other user		
Step	Action	Data	Expected result
1	Click on User Management		Admin Dashboard appears
2	Click on edit icon on advanced		Popup Edit appears
3	Enter new admin password and choose new role		password: admin, role:admin
4	Click on submit edited account		advanced has role as admin
Tester :	Selvana Ayunda		
Date :	18.05.2023		
Test Case Result:	PASS		



## 2.9 Test Case Delete Asset

Testcase ID		T009	
TC Name	Delete Delete Asset		
Req-ID	AASM-REQ3		
Precondition	User is already as admin logged in on Admin Dashboard		
Description	This test cases verifies that admin can delete the AAS Content successfully		
Step	Action	Data	Expected result
1	Click on AAS_WEISS_HN400607 (Asset)		Submodels appears on rightside
2	Click delete button		delete dialog appear
3	Click delete button		Asset will be deleted, redirect to homepage
Tester :	Selvana Ayunda		
Date :	18.05.2023		
Test Case Result:	PASS		

## 2.10 Add Asset

Testcase ID		T010
TC Name	Add AAS content	
Req-ID	AASM-REQ3	
Precondition	User is already as admin logged in on Admin Dashboard	

**Testcase ID**

**T010**

Description      This test cases verifies that admin can add the AAS Content successfully

Step	Action	Data	Expected result
1	Click on Add Asset in Navigationbar		Addasset page appear
2	Choose file .assx	file: <a href="https://demo-digital-twin.r-stahl.com/ids/asset/123456789">https://demo-digital-twin.r-stahl.com/ids/asset/123456789</a> choose:RStahl_220381_123456789_Instance.assx	file information appear
3	Enter AAS-ID	AAS-ID: <a href="https://demo-digital-twin.r-stahl.com/ids/asset/123456789">https://demo-digital-twin.r-stahl.com/ids/asset/123456789</a>	Alert to say that the asset is added

Tester :      Selvana Ayunda

Date :      18.05.2023

Test Case Result:      PASS

## 2.11 Test Case Search Asset

**Testcase ID**

**T011**

TC Name      Search function

Req-ID      AASM-REQ4

**Testcase ID** **T011**

Precondition User is on homepage

Description This test cases verifies that user can find specific asset

Step	Action	Data	Expected result
1	Enter name of specific asset	serach: AAS_WEISS_HN400607	just AAS_WEISS_HN400607 on Assetbar appears

Tester : Selvana Ayunda

Date : 18.05.2023

Test Case Result: PASS

## 2.12 Test CaseChange Server

**Testcase ID** **T012**

TC Name Change Server

Req-ID

Precondition User is on homepage

Description This test cases verifies that user can change URL-Server

Step	Action	Data	Expected result
1	Enter new URL-Server	URL-Server: <a href="https://ccae4836-001e-48c2-a4f9-235554f9400b.ma.bw-cloud-instance.org/">https://ccae4836-001e-48c2-a4f9-235554f9400b.ma.bw-cloud-instance.org/</a>	URL-Server in placeholder
2	Click enter button on your keyboard or click on		Assets will be change

Step	Action	Data	Expected result
	change button on Navigationbar		
Tester :	Selvana Ayunda		
Date :	18.05.2023		
Test Case Result:	PASS		

## 2.13 Test Case Create New User

Testcase ID		T013	
TC Name	Create new user		
Req-ID	AASM-REQ2		
Precondition	User is login as admin and is already on Admin dashboard		
Description	This test cases verifies that admin can add new user		
Step	Action	Data	Expected result
1	Click on Create account button		Pop-Up Create Account appears
2	Enter new user access	Username: <a href="mailto:wusel@wusel.dusel">wusel@wusel.dusel</a> Password: advanced Role: advanced	Enter user access
3	Click on Submit new account		new user will be appear

Step	Action	Data	Expected result
Tester :	Selvana Ayunda		
Date :	18.05.2023		
Test Case Result:	PASS		

## 2.14 Test Case Delete

**Testcase ID** T014

TC Name Delete user

Req-ID AASM-REQ2

Precondition User is login as admin and is already on Admin dashboard

Description This test cases verifies that admin can delete user

Step	Action	Data	Expected result
1	Click on delete icon	user: <a href="mailto:wuseldusel@wusel.dusel">wuseldusel@wusel.dusel</a>	Pop-Up Delete appears
2	Click on delete		User doesn't exist anymore

Tester : Selvana Ayunda

Date : 18.05.2023

Test Case Result: PASS