Stack Information

Name:	Project trdgp
Description:	Description of trdgp.
Version:	1.0
Date Created:	2022-01-21T10:15:30
Git Commit:	1e84b5100e09d9b6c5ea1b6c2ccee8957391beec
Git Tag:	ods-generated-v3.0-3.0-0b11-D
Git URL:	https://bitbucket-dev.biscrum.com/scm/ordgp/trdgp-releasemanager
OpenShift Cluster API URL:	https://openshift-sample
Created by Jenkins Job Name:	ordgp-cd/trdgp-releasemanager
Created by Jenkins Build Number:	666

System and Software Design Specification incl. Source Code Review Plan for 'Project trdgp'

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2 OVERVIEW

2.1 SYSTEM DESIGN OVERVIEW INCL. SYSTEM DIAGRAM

2.2 SOFTWARE DESIGN OVERVIEW

2.3 SOURCE CODE REVIEW OVERVIEW

N/A

3 SYSTEM DESIGN PROFILE AND SYSTEM DESCRIPTION

3.1 SYSTEM DESIGN PROFILE

The system has the following system design specifications:

SSDS #	Detailed Technical/Functional Specification	Traces To:
TRDGP-127	TST 1	TRDGP-125

3.2 SYSTEM DESCRIPTION

3.2.1 Modules to be developed

The following modules (components) will be developed.

Name of module	Purpose
saas	myDescription-A
backend	myDescription-A

3.2.2 Interfaces between Modules

Interface	Between Module	And Module	Purpose
Interface A	backend	frontend	

3.2.3 Interfaces to External Systems

Interface	Between Module	And External System	Purpose
BI-IF-	backend		

3.2.4 System Diagram

< A system diagram to graphically represent the module and interface information should be included here. > - Only if different from the diagram in the 2.1 section

4 ARCHITECTURE OF THE SYSTEM

5 SYSTEM COMPONENTS

5.1 SYSTEM COMPONENTS LIST

This system is composed of the following components:

SSDS #	Type of Component	Identification (Config. Item)	Functionality/Purpose	Components Specifications (Section/Doc ID)
Technology-saas	ODS Software Component	saas	myDescription-A	see Section 5.2
Technology-test	Automated tests	test	myDescription-A	see Section 5.2
Technology-backend	ODS Software Component	backend	myDescription-A	see Section 5.2

5.2 SYSTEM COMPONENTS SPECIFICATIONS

The installation comprises the following software-defined components, except where denoted otherwise:

SSDS #	Name of Software	Supplier	Version	Description of Functionality	References	Installed by ODS
Technology-saas	saas	mySupplier-A	1.0	myDescription-A	myReferences-A	true
Technology-test	test	mySupplier-A	myVersion-A	myDescription-A	myReferences-A	false
Technology-backend	backend	mySupplier-A	1.0	myDescription-A	myReferences-A	true

5.3 UTILISATION OF EXISTING INFRASTRUCTURE SYSTEMS

Name of Infrastructure System	Documentation Reference
BI-IT-APPL-LOAD-BALANCING	
ITEMS doc ID 20108828	
BI-IT-AD	
ITEMS doc ID 20095172	
BI-RT-WINDOWSSERVER	
Infrastructure Release Design and Management ITEMS doc ID 20184916	

5.4 UTILISATION OF EXISTING INFRASTRUCTURE SERVICES

Name of Infrastructure Service	Documentation Reference
Monitoring	*Standard Monitoring (Baseline Monitoring) on component level is sufficient* *System specific Monitoring Plan required* *ITEMS doc ID ?..*
Backup	*Standard Backup on component level is sufficient* *System specific Backup Plan required* *ITEMS doc ID ?..* **
Restore & Recovery	*Standard Restore & Recovery on component level is sufficient* *System specific Restore & Recovery Plan required* *ITEMS doc ID ?..*

6 CONFIGURATIONS FOR ADDITIONAL ENVIRONMENTS

6.1 DEVELOPMENT ENVIRONMENT

N/A

6.2 QA/TEST ENVIRONMENT

N/A

6.3 TRAINING ENVIRONMENT

< Insert statements, if applicable >

< Set the colour to black in the 'EDP Content' field before marking this issue as DONE >

7 ENVIRONMENTAL CONDITIONS

< Describe the environmental conditions required for the system. A reference to an existing qualified computer room may be given. The following conditions should be considered: e.g. temperature, humidity, power conditions, physical security, etc. >

8 SOFTWARE DESIGN PRINCIPLES

< The principles that may be included are:

- General layout rules for windows and reports
- Audit trail implementation
- Access control measures
- User administration
- Function key assignments
- Minimum requirements (resources) needed for the application to run properly, both hardware (e.g. storage space) as well as software (such as operating system, drivers).>

9 SYSTEM DATA

10 MODULE DESCRIPTION

This system contains the following modules (components) that are going to be developed.

SAAS

Component Name	Type of Module	Source code location	Version
saas	ODS Software Component	mySupplier-A	1.0

myDescription-A

BACKEND

Component Name	Type of Module	Source code location	Version
backend	ODS Software Component	mySupplier-A	1.0

myDescription-A

11 MODULES TO BE REVIEWED

The following modules will be reviewed.

Name of module	Functionality	References to SSDS
saas	myDescription-A	see Section 10
backend	myDescription-A	see Section 10

12 CODING REVIEW RESULTS

Detailed results of the coding review can be seen within the individual approved and merged Bitbucket Pull Requests in section 2.3.

13 DEFINITIONS AND ABBREVIATIONS

13.1 DEFINITIONS

Term	Definition
Jenkins	Build engine supplied by cloudbees - part of OpenDevStack (BI-IT-DEVSTACK)
xUnit	Unit testing framework, aggregaults across multiple languages

13.2 ABBREVIATIONS

Abbreviation	Meaning
ODS	OpenDevStack
EDP	Enterprise Development Platform

14 REFERENCE DOCUMENTS

- Combined Specification Document (version BI-IT-DEVSTACK / 1.0-666)

- *Reference document 1*
- *Reference document 2*

15 DOCUMENT HISTORY

Version	Date	Author	Change Reference
1	See Summary of electronic document or signature page of printout.		Initial document version.

The following table provides extra history of the document.

Version	Date	Author	Reference
	See summary of electronic document or signature page of printout.		