**System Requirements Specification**

TINF21C, Software Engineering I

Practical project 2022/23

***Project***

AAS-Web client

***Customer***

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| --- | --- | --- | --- |
| *Version* | *Date* | *Author* | *Comment* |
| 0.1 | 01.11.2022 | - | Created Document, added structure |
| 0.2 | 04.11.2022 | - | Product requirements added |
| 0.3 | 06.11.2022 | - | Product requirements added |

Software Requirements Specification

Zweck: Beschreibt den Produktumfang und fixiert das Feature-Set aus Black-Box-Sicht.  
10 -15 Seiten  
Vorlage: Ja  
Methoden: Trackbare strukturierte Anforderungen, klar formuliert (Schablone),  
Skizzen der Oberfläche, Prototypen, Use Cases mit Ablaufdiagrammen,  
...

Inhalt

[Purpose 3](#_Toc118639590)

[Product Environment 3](#_Toc118639591)

[Use Cases 3](#_Toc118639592)

[Add New Server 3](#_Toc118639593)

[Search of Product information 3](#_Toc118639594)

[Product Requirements 3](#_Toc118639595)

[Add new Server function 3](#_Toc118639596)

[The search function 3](#_Toc118639597)

[Products Detail View 4](#_Toc118639598)

[Filter Display List by Product Attributes 4](#_Toc118639599)

[Non-functional Requirements 4](#_Toc118639600)

[Cable Data Model 4](#_Toc118639601)

[Analysis of Existing Solutions 4](#_Toc118639602)

# Purpose

The ultimate end goal of this software shall be that the web-based-interface written in java-script displays the products in a user-friendly and structured way. It should be possible to search for products and filter them. It should also be possible to add new servers.

# Product Environment

tbd

# Use Cases

tbd

## Add New Server

|  |  |
| --- | --- |
| Use Case | Add New Server |
| Related Business  Process |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Search of Product information

|  |  |
| --- | --- |
| Use Case | Search of Product Information |
|  |  |

# Product Requirements

The following functions should be implemented in the applications.

## Add new Server function

The application should be able to add external server.

|  |  |
| --- | --- |
| Input description | Expected Output |
| Address to Server | The products of the server are displayed in the overview |

## The search function

The application should be capable of receiving a search string by a user and then filter the current display list for that string. This way, the listed products can be narrowed down.

|  |  |
| --- | --- |
| Input description | Expected Output |
| Search string | New display list containing only listings matching the search string |

## Products Detail View

The application should be able to display the details to any product.

|  |  |
| --- | --- |
| Input description | Expected Output |
| Click on product | The product details are clearly arranged |

## Filter Display List by Product Attributes

The application should be able to filter the products overview list for specific product attributes and hide products not fitting the search and filtering criteria.

|  |  |
| --- | --- |
| Input Description | Expected Output |
| Attribute and value to filter by | New display list containing only products matching the filtering criteria |

# Non-functional Requirements

tbd

# Analysis of Existing Solutions

Tbd

# TBD.