**1 Description of the Use Case**

**1.1 Name of Use Case**

|  |  |  |
| --- | --- | --- |
| ***Use Case Identification*** | | |
| ***ID*** | ***Domain(s)/ Zone(s)*** | ***Name of Use Case*** |
| OpenNES\_COM01 | Station | Authentication |

**1.2 Version Management**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Version Management*** | | | | |
| ***Version No.*** | ***Date*** | ***Name of Author(s)*** | ***Changes*** | ***Approval Status*** |
| 0.1 | 24.11.2014 | Armin Veichtlbauer | Initial version |  |
| 0.2 | 27.02.2015 | Oliver Langthaler | Authorization removed |  |
| 0.3 | 03.03.2015 | Armin Veichtlbauer | Description complemented |  |
| 0.4 | 25.03.2015 | Armin Veichtlbauer, Oliver Langthaler | Session management added, interface selection removed |  |

**1.3 Scope and Objectives of Use Case**

|  |  |
| --- | --- |
| ***Scope and Objectives of Use Case*** | |
| ***Scope*** | Any user who intends to interact with the OpenNES System |
| ***Objective(s)*** | Ensure that every user who wants to interact with the OpenNES System is the person who he/she claims to be |
| ***Related business case(s)*** | Enable role-based access to OpenNES resources |

**1.4 Narrative of Use Case**

|  |
| --- |
| ***Narrative of Use Case*** |
| ***Short description*** |
| Users have to provide credentials (such as username/password, smartcard/pin or biometric measurements) in order to ensure that only authenticated users interact with the system. |
| ***Complete description*** |
| End users who want to access resources from the OpenNES system have to be authenticated in order to be able to determine whether or not appropriate access rights to the corresponding resource exist.  This can be achieved by requesting credentials (such as username/password, smartcard/pin or biometric measurements) prior to any further action. The provided information is then compared to a list of valid credentials, which is stored centrally and cached locally.  If the provided credentials are found in the list of valid credentials, the corresponding user interface is determined and displayed. Otherwise, the request for credentials is repeated. |

**1.5 General Remarks**

|  |
| --- |
| ***General Remarks*** |
| none |

**2 Diagrams of Use Case**

|  |
| --- |
| ***Diagram(s) of Use Case*** |
|  |

**3 Technical Details**

**3.1 Actors**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Actors*** | | | |
| ***Grouping*** *(e.g. domains, zones)* | | ***Group Description*** | |
|  | |  | |
| ***Actor Name***  *see Actor List* | ***Actor Type***  *see Actor List* | ***Actor Description***  *see Actor List* | ***Further information specific to this Use Case*** |
| End User | User |  |  |
|  |  |  |  |

**3.2 Triggering Event, Preconditions, Assumptions**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Use Case Conditions*** | | | |
| ***Actor/System/Information/Contract*** | ***Triggering Event*** | ***Pre-conditions*** | ***Assumption*** |
| End User | User Action | User has access to end device |  |
|  |  |  |  |

**3.3 References**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***References*** | | | | | | |
| ***No.*** | ***References Type*** | ***Reference*** | ***Status*** | ***Impact on Use Case*** | ***Originator / Organisation*** | ***Link*** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**3.4 Further Information to the Use Case for Classification / Mapping**

|  |
| --- |
| ***Classification Information*** |
| ***Relation to Other Use Cases*** |
| OpenNES\_COM05, OpenNES\_COM02 |
| ***Level of Depth*** |
|  |
| ***Prioritisation*** |
|  |
| ***Generic, Regional or National Relation*** |
|  |
| ***Viewpoint*** |
|  |
| ***Further Keywords for Classification*** |
|  |

**4 Step by Step Analysis of Use Case**

**4.1 Steps – Scenario Name**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Scenario Conditions** | | | | | |
| **No.** | **Scenario Name** | **Primary Actor** | **Triggering Event** | **Pre-Condition** | **Post-Condition** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**4.2 Steps – Scenarios**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Scenario*** | | | | | | | | |
| ***Scenario Name :*** | | ***No. 1 - …*** | | | | | | |
| ***Step No.*** | ***Event*** | ***Name of Process/ Activity*** | ***Description of Process/ Activity*** | ***Service*** | ***Information Producer (Actor)*** | ***Information Receiver (Actor)*** | ***Information*** | ***Requirements , R-ID*** |
| ***Exchanged*** |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

**5 Information Exchanged**

|  |  |  |
| --- | --- | --- |
| ***Information Exchanged*** | | |
| ***Name of Information (ID)*** | ***Description of Information Exchanged*** | ***Requirements to information data*** |
|  |  |  |
|  |  |  |

**6 Requirements (optional)**

|  |  |
| --- | --- |
| **Requirements (optional)** | |
| **Categories for Requirements** | **Category Description** |
|  |  |
| **Requirement ID** | **Requirement Description** |
|  |  |
|  |  |

**7 Common Terms and Definitions**

|  |  |
| --- | --- |
| **Common Terms and Definitions** | |
| **Term** | **Definition** |
|  |  |

**8 Custom Information (optional)**

|  |  |  |
| --- | --- | --- |
| ***Custom Information (optional)*** | | |
| ***Key*** | ***Value*** | ***Refers to Section*** |
|  |  |  |
|  |  |  |