

FH JOANNEUM  
GRAZ

Model Based Design

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# Numeric Sequence Lock

Training Unit 04

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# **Introduction**

## **1 Requirements**

Functional

1. sdgs

Non functional

1. sdgs

## **2 Stateflow implementation**

## **3 Testing**

## **4 Linkage/ Traceability of requirements**

### **4.1 Links between Models and Requirements**

### **4.2 Create a Link from a Model Object to a Microsoft Word Requirements Document**

### **4.3 Requirements visibility and navigation**

### **4.4 Linkage of requirements to Signal Builder Block (Test Cases)**

### **4.5 Traceability/Report**

### **4.6 Automatic Test Case Generation for increasing coverage**

## **5 Conclusion**

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