Use-Case Specification: Choose level

Version 1.2

Revision History

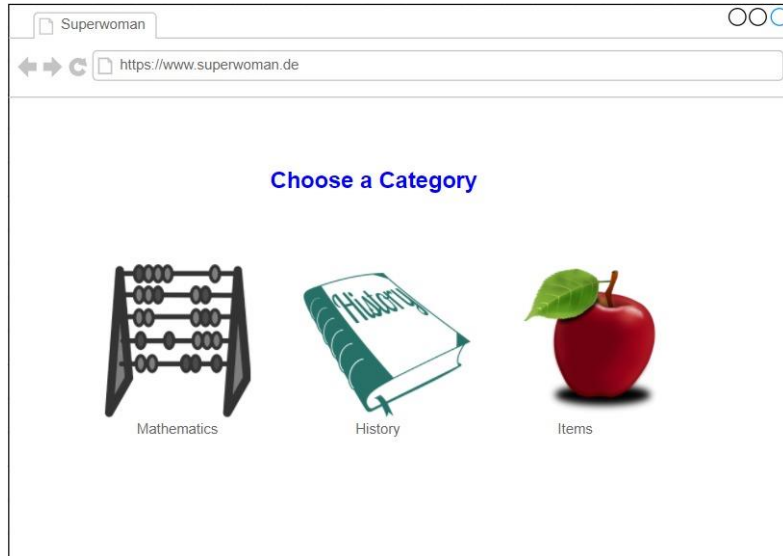| Date	Version	Description	Author
01.11.2017	1.0	Create UC	Team SuperWoman
13.11.2017	1.1	Added Narrative	Team SuperWoman
20.06.2018	1.2	Reviewed Document	Team SuperWoman

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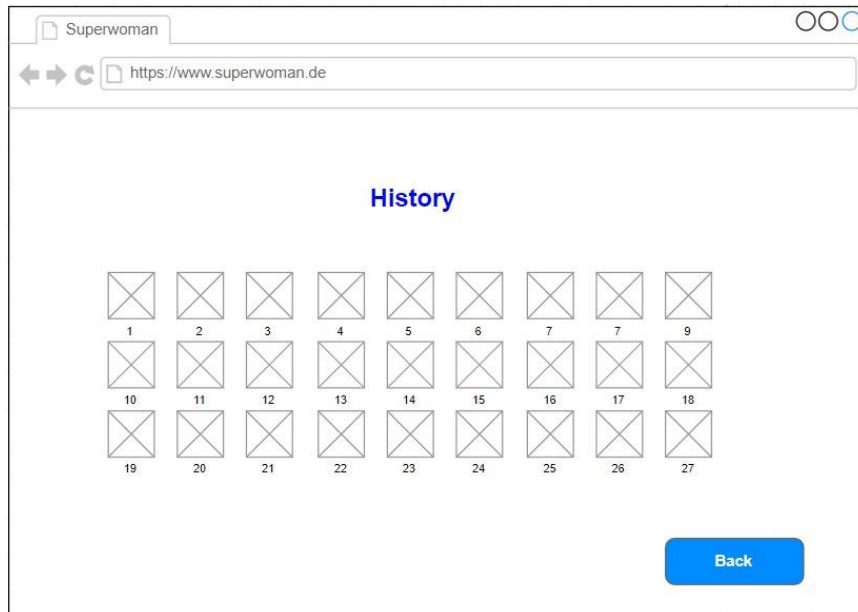## 1. Use-Case Name

1.1 Brief Description

The user can choose a category and a level.

1.2 Mockup
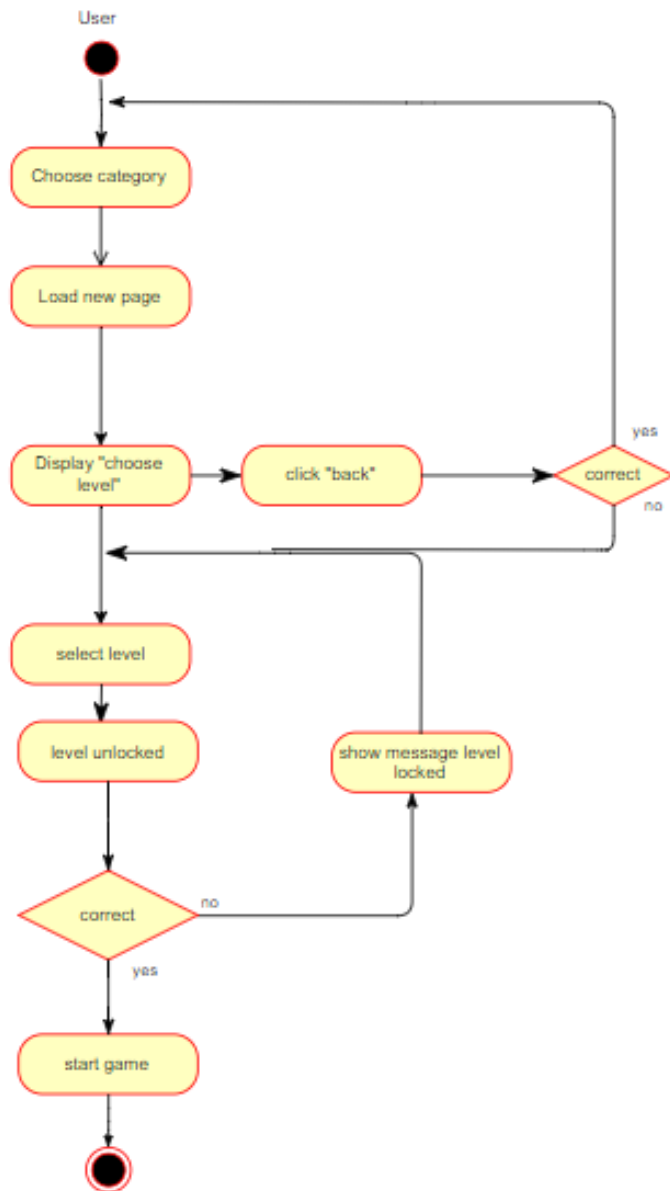
2. Flow of Events

2.1 Basic Flow

User

```
                    ●
                    │
                    ▼
            ┌──────────────────┐
            │ Choose category  │
            └──────────────────┘
                    │
                    ▼
            ┌──────────────────┐
            │  Load new page   │
            └──────────────────┘
                    │
                    ▼
       ┌──────────────┐   ┌──────────────┐    yes   ◇ correct ◇
       │ Display "choose│  │ click "back" │────────▶ ◇         ◇
       │    level"     │  └──────────────┘           no
       └──────────────┘
                    │
                    ▼
            ┌──────────────────┐
            │   select level   │
            └──────────────────┘
                    │
                    ▼
       ┌──────────────┐    ┌─────────────────────┐
       │ level unlocked│    │ show message level  │
       └──────────────┘    │       locked        │
                    │       └─────────────────────┘
                    ▼
              ◇ correct ◇   no
              ◇         ◇────────▶
                    │ yes
                    ▼
            ┌──────────────────┐
            │    start game    │
            └──────────────────┘
                    │
                    ▼
                    ◉
```

2.2   Narrative

```
ChooseLevel_Test

1  Feature: ChooseLevel
2      As a user
3      I want to choose a category and a level of the choosen category
4
5      Scenario: ChooseLevel successful
6          Given User is on ChooseLevel page
7          When User clicks on a category
8          And Chooses a level which is unlocked
9          Then The level opens
10         And User can play the level
11
12     Scenario: ChooseLevel failed
13         Given User is on ChooseLevel page
14         When User chooses a level which is locked
15         Then User get shown an error message
16         And Should choose a new level
```

3.   Special Requirements

4.   Preconditions

The user must be logged in and the chosen level has to be unlocked.

5.   Postconditions

6.   Extension Points

To calculate the function points for a specific use case we used the TINY TOOLS FR Calculator.

Choose Level			Data Element Type	Record Element Type	File Type Reference	Complexity	Number of	
		External Inputs	6	x	1	Low	0	
		External Outputs	2	x	0	Low	0	
		External Inquiries	3	x	2	Low	2	
		External Logical Files	1	2	x	Low	4	
		External Interface File	0	0	x	Low	0	25.16