

# Task list

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# Table of contents

- definition
- content

# Definition

- response to functional specification
- description of the implementation of requirements
- implementation after acceptance of project sponsor

# Task list

- project name
- project sponsor
- author
- version
- last edited
- folder

# Task list | Our task list

- project name: identity protection in a digital environment
- project sponsor: Ms Linnenkugel
- authors: HBFIM
- version: 1.2.0
- last edited: 01.03.2017
- folder: /home/schueler/

# Project objectives

- description of current situation
- description of target
- benefit for the customer

# Project objectives | Our task list

## current situation:

- uninformed students and teachers
- unprotected students and teachers

# Project objectives | Our task list

target:

- create website
- inform students about:
  - dangers on the internet
  - protection on the internet



# Project objectives | Our task list

## benefit for the customer:

- enhanced reputation of schools from perspective of training companies

# Acceptance criteria

- requirements which are implemented
- description of requirements:
  - complete
  - in detail
  - testable

# Acceptance criteria | Our task list

## reachability:

- can be accessed from anywhere in school
- can be accessed from any browser

## password check:

- check security of password entered
- receive feedback concerning password entered

# Acceptance criteria | Our task list

## comprehensibility:

- is comprehensible for non-knowledge users
- is well-structured
- is written in native language

# Acceptance criteria | Our task list

## computer-based training:

- check knowledge of users
- check website for comprehensibility

## security:

- is changeable by authorized person

# Primary criteria

- requirements which are desirable
- description has to be short

# Primary criteria | Our task list

- categories for better structure of text
- images and graphics are included
- dictionary is used for password check

# Secondary criteria

- not implementable requirements
- avoidable legal disputes



# Secondary criteria | Our task list

- passwords are not stored
- users do not have to login

# Usage of the product

- field of operation
- target groups
- operating conditions

# Usage of the product | Our task list

- usage of website before using computer labs

## field of operation:

- users can inform about...
  - safe management of personal data
  - protection against data theft

# Usage of the product | Our task list

- target groups are all students and teachers

## operating conditions:

- website runs without observation of webserver
- admins update information

# System specification

- software
- hardware
- orgware

# System specification | Our task list

## software:

- browser to access the website
- apache software for the webserver

# System specification | Our task list

## hardware:

- school's webservice
- computer with network connection

## orgware:

- connection between computer and webservice

# Interfaces

- description of interface to other systems



# Interfaces | Our task list

- using a dictionary for the password check

# Product specification

- list of features from the users' view
- **WHAT** is the feature
- differentiate between features and desired criteria

# Product specification | Our task list

## product functions:

- check password
- categories to better structure the text

## administrator specifications:

- /F110W/ Authorization check for administrators of the website

# Product data

- list of all long-term data

# Product data | Our task list

- index file including the corresponding information
- password check must be permanently in file system

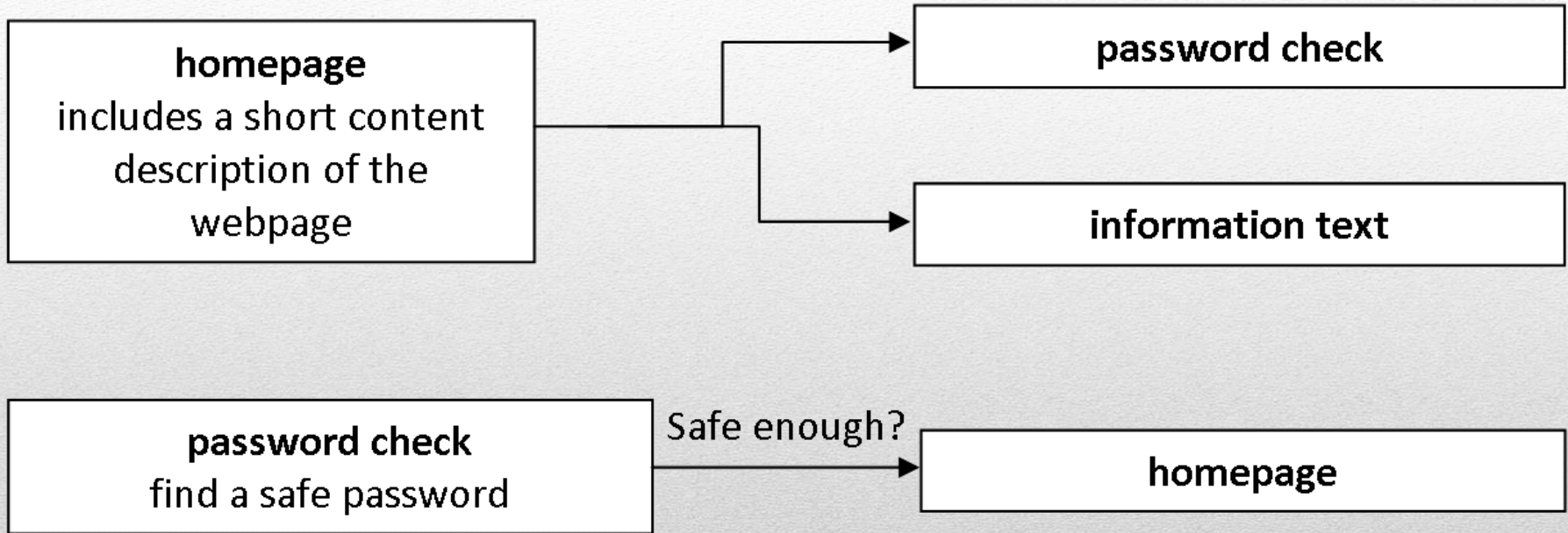
# Product services

- every time or scope applied requirement

# Product services | Our task list

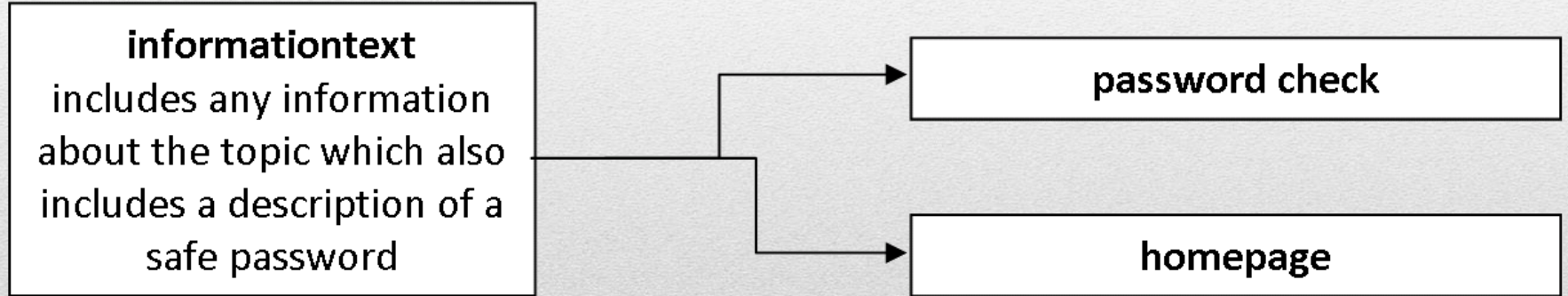
- response time not more than 15 seconds
- input of the password characters limited
- at least 8 characters
- maximum 32 characters

# Product services | Our task list





# Product services | Our task list



# User interface

- every user's interface requirement
  - screen layout
  - mask layout
  - print layout
  - keyboard layout
  - dialog structure

# user interface | our task list

## navigation:

- different pages should be selectable using a navbar

## design:

- light background and dark colored text

# Quality expectations

- different quality requirements
- rated by their importance
- for example:
  - functionality
  - reliability
  - usability

# Global test cases

- test cases based on application
- testing connected functions
- used later in approval

# Global test cases | Our task list

## first test case:

- quiz tests if user understood the information given

## second test case:

- test of different browsers and OS to guarantee compatibility

## third test case:

- test of password checker

# Global test cases | Our task list

## fourth test case:

- test by a non-expert user

## fifth test case:

- update of website

# Development environment

- every environment requirement
  - Software
  - Hardware
  - Orgware



# Development environment | Our task list

- developed at the vocational college Wipperfürth
- by the HBFIM
- using hard-/ software as stipulated by product specification
- using Notepad ++

# Amendments

- special requirements
- for example:
  - installation guideline
  - integration guideline

# Amendments | Our task list

- sources will be stated
- contact partner will be announced