

## **Project Proposal**

**Project name:** Test-Sharing App

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**Vision:** Students can log on to the platform and view tests from other classes to get inspiration on the respective test. Students can upload their own tests and make them available to other students.

### **Use Cases:**

- Login / Registration
- Browse Tests
- Upload Tests

### **User Stories:**

- Registration
- Login
- Overview Tests
- Download Test
- Insert Test-Info
- Upload Test-Images
- Manage classes
- Manage subjects
- Manage teachers

### **Technical Difficulties:**

- Webserver Setup
- Database Setup
- Saving Data to DB
- Uploading Images to Webserver
- Download of Images from Webserver

# Projekt: Test-Sharing App

## Story: User Registration

As a user I want to register, to be able to upload and browse tests.

Description

1. Pflichtfelder: E-Mail, Username, Password
2. Fehlermeldungen

## Wireframe:

```

  Welcome to Kaindorf's Test Sharing

  E-Mail
  _____

  Username
  _____

  Password
  _____

```

## STORY: S M L

Tasks of User Registration:

1. Show Registration Form S M L
2. Check inserted Data S M L
3. Save User Data S M L

Akzeptanz Tests:

1. E-Mail Domain must be @htlkaindorf.at
2. Password must be at least 8 characters

Negativ:

1. E-Mail already registered, show error message

## TASK: SHOW REGISTRATION FORM

Akzeptanz Tests:

1. Show Form

## TASK: CHECK INSERTED DATA

Akzeptanz Test:

1. E-Mail must be @htlkaindorf.at
2. Password must be at least 8 characters

Negativ:

1. E-Mail already exists, show error message
2. Username already exists, show error message

## TASK: SAVE USER DATA

Akzeptanz Test:

1. Insert Data in Database

Negativ:

1. Show error message if connection fails

Definition of Done:

<input type="checkbox"/> All Features are tested against acceptance criteria	<input type="checkbox"/> All Features ok-ed by Product Owner	<input type="checkbox"/> all UNIT-Tests written and green	<input type="checkbox"/> GIT aktualisiert
		<input type="checkbox"/> Java-Doc written	<input type="checkbox"/> Trello aktualisiert

Done: 0

Review: 0

# Projekt: Test-Sharing App

## Story: User Login

As a user I want to login so that I can upload and download tests.

Description

3. Required fields: E-Mail, Password

## Wireframe:

```

  Welcome to Kaindorf's Test Sharing
  E-Mail
  Password
  Login

```

## STORY: S M L

Tasks of User Login:

4. Show login form S M L
5. Check inserted Data S M L
6. Forward to main page S M L

Akzeptanz Tests:

1. Inserted Data must be correct

Negativ:

2. Inserted Data wrong, show error message

## TASK: SHOW LOGIN FORM

Akzeptanz Tests:

Show login form

## TASK: CHECK INSERTED DATA

Akzeptanz Test:

1. E-Mail must be registered
2. Password must be correct

Negativ:

3. Wrong E-Mail, show error message
4. Wrong Password, show error message

## TASK: FORWARD TO MAIN PAGE

Akzeptanz Test:

2. If log in was successful, forward to main page

Negativ:

1. Login failed, forward to login page

Definition of Done:

<input type="checkbox"/> All Features are tested against acceptance criteria	<input type="checkbox"/> All Features ok-ed by Product Owner	<input type="checkbox"/> all UNIT-Tests written and green	<input type="checkbox"/> GIT aktualisiert
		<input type="checkbox"/> Java-Doc written	<input type="checkbox"/> Trello aktualisiert

Done: 0

Review: 0

# Projekt: Test-Sharing App

## Story: Download Test

As a user I want to download the images of a selected test, so that I can get inspiration of it.

Description

## Wireframe:

The wireframe shows a mobile app interface with a white background and a thin black border. At the top, a header bar contains the text 'Welcome to Kaindorf's Test Sharing'. Below the header, there are two input fields: the first is labeled 'Titel' and contains the text '1. D-Sa'; the second is labeled 'Beschreibung' and contains the text 'Thema: Erörterung'. Below these fields are two buttons labeled 'Bild 1' and 'Bild 2'. At the bottom, there is a green button labeled 'Download Images'.

## STORY: S M L

Tasks of Download Test:

7. Download test images from server S M L
8. Save it to download directory

Akzeptanz Tests:

1. User must be logged in
2. Test images must be available

Negativ:

3. User not logged in, forward to login page
4. Test images not available, show error message

## TASK: 1. DOWNLOAD TEST IMAGES FORM SERVER

Akzeptanz Tests:

1. Test image must be available

## TASK: SAVE IT TO DOWNLOAD DIRECTORY

Akzeptanz Test:

1. Image must be downloaded
2. Download directory must be writeable

Definition of Done:

<input type="checkbox"/> All Features are tested against acceptance criteria	<input type="checkbox"/> All Features ok-ed by Product Owner	<input type="checkbox"/> all UNIT-Tests written and green <input type="checkbox"/> Java-Doc written	<input type="checkbox"/> GIT aktualisiert <input type="checkbox"/> Trello aktualisiert
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Done: 0

Review: 0

# Projekt: Test-Sharing App

## Story: Upload test

As a user I want to upload a test, so that other users can benefit from it.

Description

4. Required fields: Images

## Wireframe:

Welcome to Kaindorf's Test Sharing

Class	Subject	Teacher
1. Klasse	Deutsch	Lohmeier
2. Klasse	Englisch	Schreiber
3. Klasse	Mathe	Locker
4. Klasse	POG	
5. Klasse		

Select image

Image 1 Image 2

Upload

## STORY: S M L

Tasks of Upload Test:

9. Show Upload Form S M L
10. Upload Images S M L

Akzeptanz Tests:

1. User must be logged in
2. Class, teacher and subject must be selected

Negativ:

5. User not logged in, forward to login page
6. Class, teacher and subject not available, show error message

## TASK: SHOW UPLOAD FORM

Akzeptanz Tests:

1. Show upload form

## TASK: UPLOAD IMAGES

Akzeptanz Test:

1. If image in correct format and size is selected, it will be uploaded to the webserver.

Negativ:

2. Image wrong size or format, show error message.

Definition of Done:

<input type="checkbox"/> All Features are tested against acceptance criteria	<input type="checkbox"/> All Features ok-ed by Product Owner	<input type="checkbox"/> all UNIT-Tests written and green	<input type="checkbox"/> GIT aktualisiert
		<input type="checkbox"/> Java-Doc written	<input type="checkbox"/> Trello aktualisiert

Done: 0

Review: 0

# Projekt: Test-Sharing App

## Story: Overview Tests

As a user I want to have an overview of all tests and I can select a test.

Description

1. Select class, subject and test
2. Show Test-Name, Description and Images

## Wireframe:

Class	Subject	Teacher
1. Klasse	Deutsch	Lohme
2. Klasse	Englisch	Schreiber
3. Klasse	Mathe	Locker
4. Klasse	POS	
5. Klasse		

  

Tests
1. POS-PLF
2. POS-PLF

## STORY: S M L

Tasks of User Login:

1. Select class, subject, teacher and test S M L
2. Show Test-Name, Description and Images S M L

Akzeptanz Tests:

2. Class, subject, teacher and test must be available
3. Description and Images must be available

Negativ:

## TASK: SELECT CLASS, SUBJECT AND TEST

Akzeptanz Tests:

1. Class, subject, teacher and test must be available

## TASK: SHOW TEST-NAME, DESCRIPTION, IMAGES

Akzeptanz Test:

1. Description and Images must be available

Negativ:

Definition of Done:

<input type="checkbox"/> All Features are tested against acceptance criteria	<input type="checkbox"/> All Features ok-ed by Product Owner	<input type="checkbox"/> all UNIT-Tests written and green	<input type="checkbox"/> GIT aktualisiert
		<input type="checkbox"/> Java-Doc written	<input type="checkbox"/> Trello aktualisiert

Done: 0

Review: 0

# Projekt: Test-Sharing App

## Story: Insert Test-Info

As a user I want to insert the class, subject, teacher, test-name and description, so that other users can select this test.

Description

5. Required fields: Class, Subject, Name, Description, Teacher

## Wireframe:

Welcome to Kaindorf's Test Sharing

Class	Subject	Teacher
1. Klasse	Deutsch	Lohmeier
2. Klasse	Englisch	Schreiber
3. Klasse	Mathematik	Locker
4. Klasse	POS	
5. Klasse		

Titel: 1. D-Sa

Beschreibung: Thema: Erörterung

Save

## STORY: S M L

Tasks of Upload Test:

11. Show Upload Form S M L
12. Check entered Data S M L
13. Upload Data S M L

Akzeptanz Tests:

1. User must be logged in
2. Class, teacher and subject must be available

Negativ:

7. User not logged in, forward to login page
8. Class, teacher and subject not available, show error message

## TASK: SHOW UPLOAD FORM

Akzeptanz Tests:

2. Show upload form

## TASK: CHECK ENTERED DATA

Akzeptanz Test:

1. All fields must be filled out
2. Teacher, Subject and class must exist

Negativ:

1. Fields not filled out, show error message
2. Teacher, Subject and class don't exist, show error message

## TASK: UPLOAD DATA

Akzeptanz Test:

2. Data check successful -> Upload Data to DB

Negativ:

Definition of Done:

- |                                                                              |                                                              |                                                           |                                              |
|------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> All Features are tested against acceptance criteria | <input type="checkbox"/> All Features ok-ed by Product Owner | <input type="checkbox"/> all UNIT-Tests written and green | <input type="checkbox"/> GIT aktualisiert    |
|                                                                              |                                                              | <input type="checkbox"/> Java-Doc written                 | <input type="checkbox"/> Trello aktualisiert |

Done: 0

Review: 0

# Projekt: Test-Sharing App

## Story: Manage subjects

As an administrator I want to delete and add subjects, so that users can select them.

## Wireframe:

### STORY: S M L

Tasks of Upload Test:

14. Show manage form S M L
15. Save inserted data S M L
16. Delete subject S M L

Akzeptanz Tests:

### TASK: SHOW MANAGE FORM

- Insert new subject
- Show subjects
- Delete button

### TASK: SAVE INSERTED

Akzeptanz Test:

- Fields must be filled out

Negativ:

3. Fields not filled out, show error message

### TASK: DELETE SUBJECT

Akzeptanz Test:

Admin has to confirm that he wants to delete the subject

Negativ:

Definition of Done:

<input type="checkbox"/> All Features are tested against acceptance criteria	<input type="checkbox"/> All Features ok-ed by Product Owner	<input type="checkbox"/> all UNIT-Tests written and green	<input type="checkbox"/> GIT aktualisiert
		<input type="checkbox"/> Java-Doc written	<input type="checkbox"/> Trello aktualisiert

Done: 0

Review: 0



# Projekt: Test-Sharing App

## Story: Manage classes

As an administrator I want to delete and add classes, so that users can select them.

## Wireframe:

### STORY: S M L

Tasks of Upload Test:

17. Show manage form S M L
18. Save inserted data S M L
19. Delete class S M L

Akzeptanz Tests:

### TASK: SHOW MANAGE FORM

- Insert new class
- Show classes
- Delete button

### TASK: SAVE INSERTED

Akzeptanz Test:

- Fields must be filled out

Negativ:

4. Fields not filled out, show error message

### TASK: DELETE CLASS

Akzeptanz Test:

Admin has to confirm that he wants to delete the class

Negativ:

Definition of Done:

<input type="checkbox"/> All Features are tested against acceptance criteria	<input type="checkbox"/> All Features ok-ed by Product Owner	<input type="checkbox"/> all UNIT-Tests written and green	<input type="checkbox"/> GIT aktualisiert
		<input type="checkbox"/> Java-Doc written	<input type="checkbox"/> Trello aktualisiert

Done: 0

Review: 0

# Projekt: Test-Sharing App

## Story: Manage teachers

As an administrator I want to delete and add teachers, so that users can select them.

## Wireframe:

### STORY: S M L

Tasks of Upload Test:

- 20. Show manage form S M L
- 21. Save inserted data S M L
- 22. Delete teacher S M L

Akzeptanz Tests:

### TASK: SHOW MANAGE FORM

- Insert new teacher
- Show teachers
- Delete button

### TASK: SAVE INSERTED

Akzeptanz Test:

- Fields must be filled out

Negativ:

- 5. Fields not filled out, show error message

### TASK: DELETE TEACHER

Akzeptanz Test:

Admin has to confirm that he wants to delete the teacher

Negativ:

Definition of Done:

<input type="checkbox"/> All Features are tested against acceptance criteria	<input type="checkbox"/> All Features ok-ed by Product Owner	<input type="checkbox"/> all UNIT-Tests written and green	<input type="checkbox"/> GIT aktualisiert
		<input type="checkbox"/> Java-Doc written	<input type="checkbox"/> Trello aktualisiert

Done: 0

Review: 0