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

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: SML

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:

- All Features are tested against acceptance criteria
- All Features ok-ed by Product Owner
- all UNIT-Tests written and green
- ☐ GIT aktualisiert
- Java-Doc written
- Trello aktualisiert

Done: o

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:



STORY: SML

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:

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

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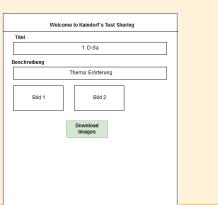
Done: o

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:



STORY: SML

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:

2. Download directory must be writeable

1. Image must be downloaded

Done: o

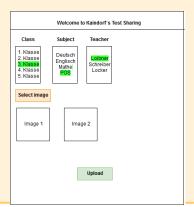
Story: Upload test

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

Description

4. Required fields: Images

Wireframe:



STORY: SML

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
- 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:

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- ☐ GIT aktualisiert
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- Trello aktualisiert

Done: o

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:



STORY: SML

Tasks of User Login:

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

Akzeptanz Tests:

- 2. Class, subject, teacher and test must be available
- 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:

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Trello aktualisiert

Done: o

Story: Insert Test-Info

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

Description

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

Wireframe:



STORY: SML

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
- 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
- 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:

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Done: o

Story: Manage subjects

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

Wireframe:

STORY: SML

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:

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- all UNIT-Tests written and green
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- Java-Doc written

Trello aktualisiert

Done: o

Story: Manage classes

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

Wireframe:

STORY: SML

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:

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Trello aktualisiert

Done: o

Story: Manage teachers

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

Wireframe:

STORY: SML

Tasks of Upload Test:

- 20. Show manage form $^{\mbox{S}}$ $^{\mbox{M}}$ $^{\mbox{L}}$
- 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:

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