

# Exam documentation

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- Projekt in IntelliJ erstellen

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## Create project in IntelliJ (Java Springboot Initializer) #1

[Edit](#) [New issue](#)

[Closed](#) HackXlt opened this issue 1 hour ago · 1 comment

HackXlt commented 1 hour ago · No description provided.

HackXlt commented 1 hour ago · Author ...

**New Project**

Server URL: start.spring.io

Name: SLM-Exam-Project

Location: D:\#Git-Stash

Create Git repository

Language: Java, Kotlin, Groovy

Type: Gradle - Groovy, Gradle - Kotlin, Maven

Group: at.fhtw

Artifact: SLM-Exam-Project

Package name: at.fhtw.slmexamproject

JDK: 17 Oracle OpenJDK version 17.0.1

Java: 17

Packaging: Jar, War

[Next](#) [Cancel](#)

**New Project**

Spring Boot: 3.0.0

Download pre-built shared indexes for JDK and Maven libraries

Dependencies:

- Developer Tools
- Web
  - Spring Web
  - Spring Reactive Web
  - Spring for GraphQL
  - Rest Repositories
  - Spring Session
  - Rest Repositories HAL Explorer
  - Spring HATEOAS
  - Spring Web Services
  - Jersey
  - Vaadin
- Template Engines
- Security
- SQL
- NoSQL

Added dependencies:

- Spring Web

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HackXlt closed this as completed 1 hour ago

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- Repository erstellen und verlinken mit GitHub

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## Create repository and link with Github #2

Closed HackXIt opened this issue 1 hour ago · 1 comment

HackXIt commented 1 hour ago No description provided.

HackXIt commented 1 hour ago

Create Git Repository

Select directory where the new Git repository will be created.

D:\#Git-Stash\SLM-Exam-Project

- openocd
- Personal-Bitburner-HXIT
- personal-office-addin
- PULED
- Python\_Morsels\_Exercises
- rpi\_videoloop
- rust-training
- SLM-Exam-Project
- SLM-Study-Project
- SLM\_tmp
- test-report-generator
- timer\_calculator
- vogelscheuche
- windows-certs-2-wsl
- Docker\_Projects
- Embedded\_Projects

OK Cancel

Assignees: No one—assign yourself

Labels: None yet

Projects: SLM-Exam-Project Board Status: Done

Milestone: No milestone

Development: Create a branch for this issue or link a pull request.

Notifications: Unsubscribe Customize You're receiving notifications because you're watching this repository.

1 participant

Lock conversation Pin issue Transfer issue Delete issue

Share Project On GitHub

Repository name: SLM-Exam-Project  Private

Remote: origin

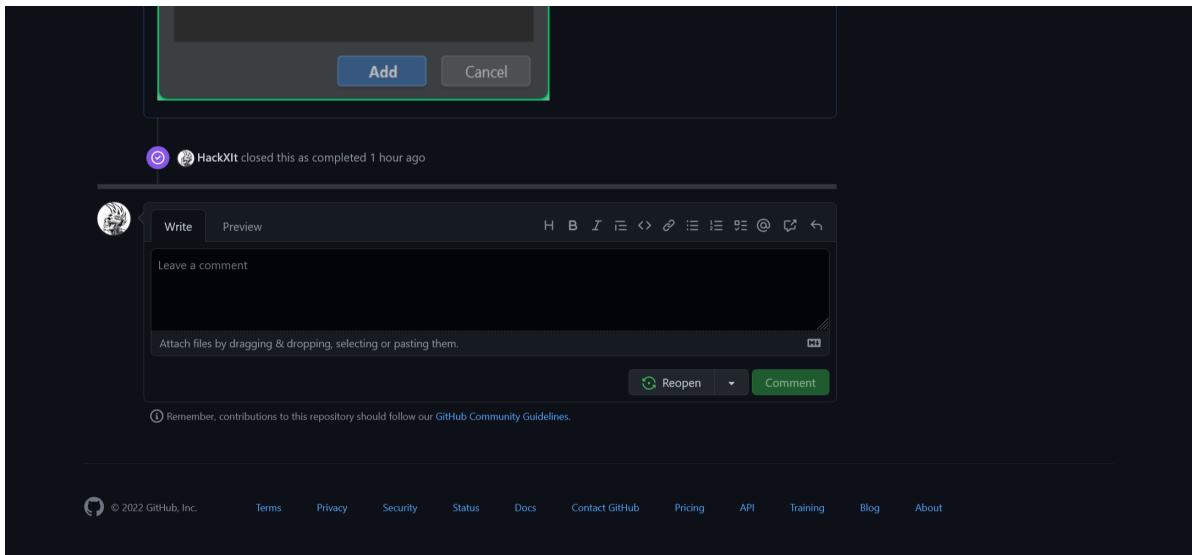
Description:

Share Cancel

Add Files For Initial Commit

demo .mvn\wrapper maven-wrapper.jar maven-wrapper.properties src main java\com\example\demo DemoApplication.java resources application.properties test\java\com\example\demo DemoApplicationTests.java .gitignore mvnw mvnw.cmd pom.xml

Commit Message: Initial commit



- Kanban board verlinken mit Github Repository
- Kanban board erstellen & füllen

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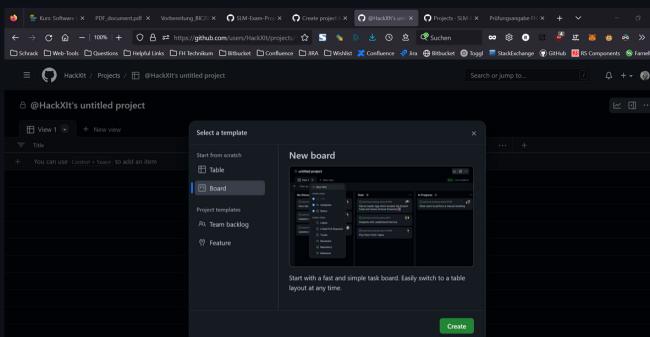
HackXlt / SLM-Exam-Project Private

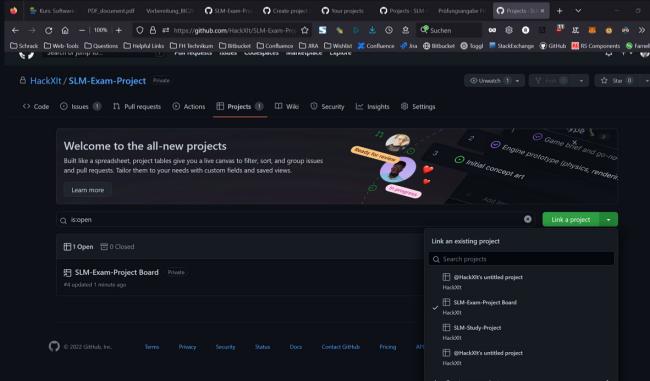
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## Create project board to track issues #3

 HackXlt opened this issue 1 hour ago · 2 comments

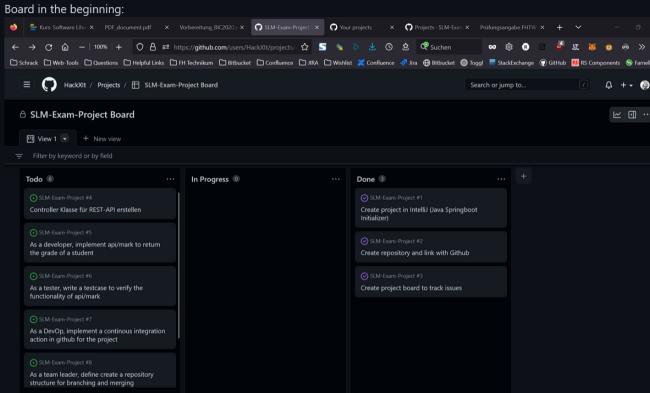
 HackXlt commented 1 hour ago  
No description provided.

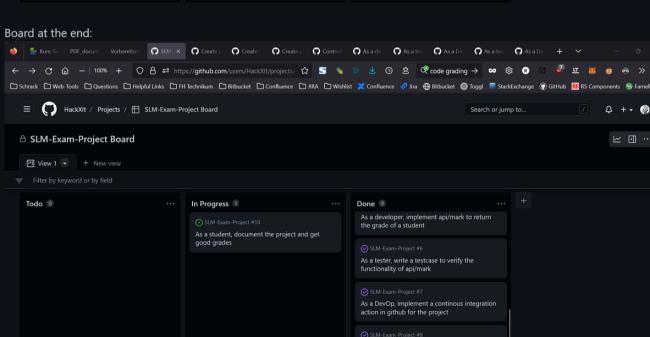
 HackXlt commented 1 hour ago  




 HackXlt closed this as completed 1 hour ago

 HackXlt commented now  
Board in the beginning:





Assignees: None yet

Labels: None yet

Projects: SLM-Exam-Project Board Status: Done

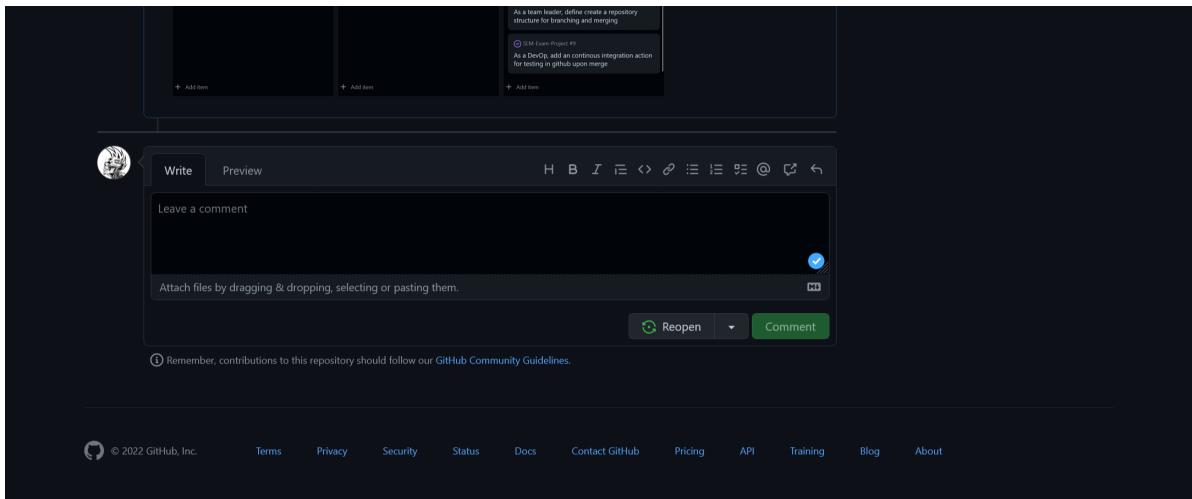
Milestone: No milestone

Development: Create a branch for this issue or link a pull request.

Notifications: Unsubscribe Customize You're receiving notifications because you're watching this repository.

1 participant

Lock conversation Pin issue Transfer issue Delete issue



- Issue generieren

**Controller Klasse für REST-API erstellen #4**

**Closed** HackXIt opened this issue 6 minutes ago · 1 comment

HackXIt commented 6 minutes ago  
No description provided.

HackXIt commented 3 minutes ago

```
package at.fhtw.slmexamproject;
import org.springframework.web.bind.annotation.RestController;
@RestController
public class GradeController { }
```

Assignees: No one—assign yourself

Labels: None yet

Projects: SLM-Exam-Project Board

Milestone: No milestone

Development: Create a branch for this issue or link a pull request.

Notifications: Customize Unsubscribe

You're receiving notifications because you're watching this repository.

1 participant

Lock conversation

Pin issue

Transfer issue

Delete issue

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- Feature implementieren in feature branch und mergen

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## As a developer, implement api/mark to return the grade of a student #5

**Closed** HackXIt opened this issue 1 hour ago · 2 comments

**Target:**

- Übergabe von Parameter mit Prozentwert der Note (*Parameter = percentage*)
- Rückgabe von Ergebnis als ganzzahlige Note (berechnet aus internem Notenschlüssel)

**Acceptance criteria:**

- Eingabe von falschem Wert wird behandelt (Min. 0% Max. 100%, Zahlenwert)
- Ausgabe ist korrekt, unter Berücksichtigung des Notenschlüssels

**Assignees:** No one—assign yourself

**Labels:** None yet

**Projects:** SLM-Exam-Project Board Status: Done

**Milestone:** No milestone

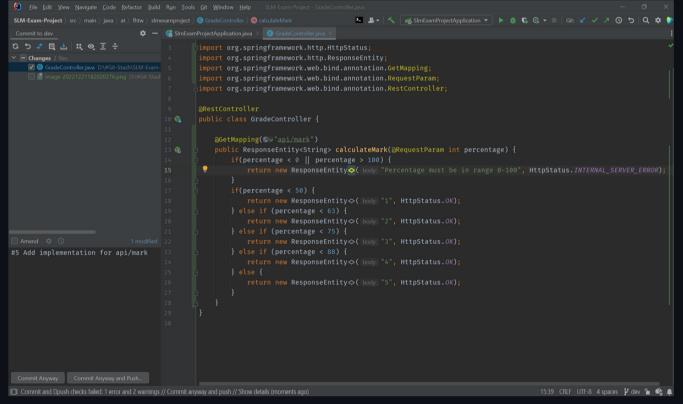
**Development:** Create a branch for this issue or link a pull request.

**Notifications:** Unsubscribe Customize You're receiving notifications because you're watching this repository.

**1 participant:** HackXIt

**Lock conversation** Pin issue Transfer issue Delete issue

**HackXIt commented 42 minutes ago • edited**

**Code** 

**HackXIt added a commit that referenced this issue 41 minutes ago**

#5 Add implementation for api/mark 8e09864

**HackXIt added a commit that referenced this issue 40 minutes ago**

#5 Fix BOM (invalid character) 5bfd7b6

**HackXIt added a commit that referenced this issue 39 minutes ago**

#5 Fix ordering of grades 645918d

**HackXIt commented 38 minutes ago • edited**

Feature implemented, manually verified for now

**HackXIt closed this as completed 39 minutes ago**

**HackXIt mentioned this issue 28 minutes ago**

As a tester, write a testcase to verify the functionality of api/mark #6

**Write Preview**

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- Testfälle definieren, implementieren

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HackXlt / SLM-Exam-Project Private Unwatch Fork Star 0

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## As a tester, write a testcase to verify the functionality of api/mark #6

**Closed** HackXlt opened this issue 1 hour ago · 3 comments

**HackXlt commented 1 hour ago**

No description provided.

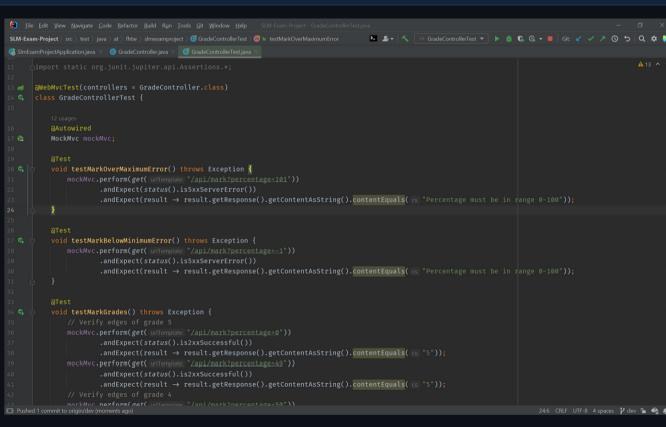
**HackXlt commented 28 minutes ago**

Implement testcases verifying acceptance criteria of #5

**HackXlt added a commit that referenced this issue 27 minutes ago**

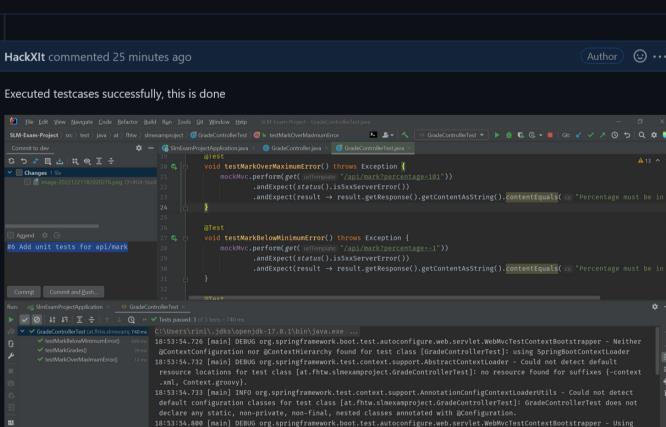
#6 Add unit tests for api/mark ✓ 79c001e

**HackXlt commented 26 minutes ago**



**HackXlt commented 25 minutes ago**

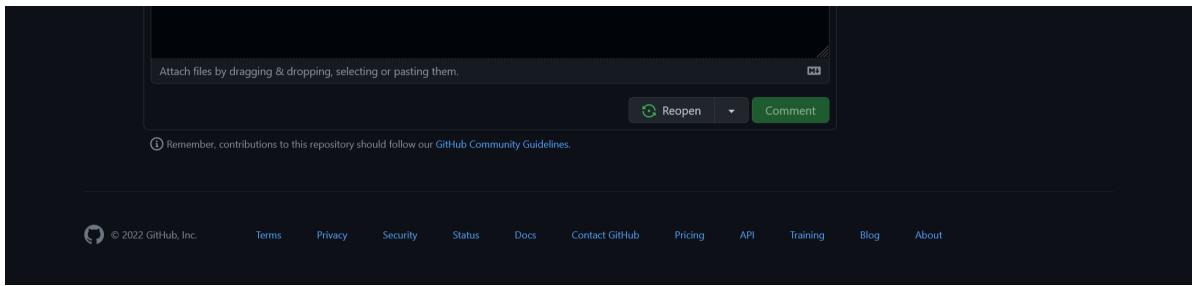
Executed testcases successfully, this is done



**HackXlt closed this as completed 25 minutes ago**

Write Preview

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- Continous integration hinzufügen

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# As a DevOp, implement a continuous integration action in github for the project #7

**Closed** HackXlt opened this issue 1 hour ago · 3 comments

**HackXlt commented 1 hour ago**

No description provided

**HackXlt commented 25 minutes ago**

Using template:

```
# This workflow will build a Java project with Maven, and cache/restore any dependencies to improve the workflow execution time. For more information see: https://help.github.com/actions/language-and-framework-guides/building-and-testing-java-with-maven

name: Java CI with Maven

on:
  push:
    branches: [ "*" ]
  pull_request:
    branches: [ "*" ]

jobs:
  build:
    runs-on: ubuntu-latest

    steps:
      - uses: actions/checkout@v3
      - name: Set up JDK 17
        uses: actions/setup-java@v3
        with:
          java-version: '17'
          distribution: 'temurin'
          cache: maven
      - name: Build with Maven
        run: mvn -B install --file pom.xml
      - name: Upload a Build Artifact
        uses: actions/upload-artifact@v3.1.0
        with:
          name: Artifact name
          name: deploy
          # A file, directory or wildcard pattern that describes what to upload
          path: target/*.jar
          # The desired behavior if no files are found using the provided path.
      - name: Test Reporter
        uses: dorothy/test-reporter@v1.6.0
        if: success() || failure()
        with:
          name: unit-tests
          path: target/surefire-reports/TEST-*.xml
          reporter: java-junit
```

**HackXlt added a commit that referenced this issue 24 minutes ago**

#7 Add ci\_all.yml for continous integration

**HackXlt commented 23 minutes ago**

Author ...

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SLM-Exam-Project / .github / workflows / maven.yml

Cancel changes Start commit

< Edit new file > Preview Space 0 2 0 No wrap

# This workflow will build a Java project with Maven, and cache/restore any dependencies to improve the workflow execution time. For more information see: https://help.github.com/actions/language-and-framework-guides/building-and-testing-java-with-maven

 This workflow was automatically generated by GitHub Actions.
 It was provided by a third-party and are governed by their terms.
 They are provided under a separate terms of service, privacy policy, and support.
 All documentation and support for this workflow is provided by the provider.

 name: Java CI with Maven
 on:
 push:
 branches: [ "main" ]
 pull\_request:
 branches: [ "main" ]
 jobs:
 build:
 runs-on: ubuntu-latest
 steps:

Marketplace Documentation

Search Marketplace for Actions

Featured Actions

- Cache Cache artifacts like dependencies and build outputs to improve workflow execution time
- Setup Node.js environment Set up a Node.js environment by adding problem matchers and optionally downloading and adding it to the PATH
- Setup Go environment Set up a Go environment and add it to the PATH
- Download a Build Artifact Download a build artifact from a workflow run

Save (ctrl+s) + Space, to trigger autocomplete in most situations.

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Actions New workflow

All workflows Java CI with Maven Management

Caches

Tell us how to make GitHub Actions work better for you with three quick questions. Give feedback

Java CI with Maven .ci.yml

Workflow runs

Event Status Branch Actor

#7 Add ci\_all.yml for continous integration Java CI with Maven #7 Commit ab8e71c pushed by HackXlt

#7 Add ci\_all.yml for continous integration Java CI with Maven #7 Commit ab8e71c pushed by HackXlt

HackXIt added a commit that referenced this issue 18 minutes ago

#7 Fix continuous integration

Verified 06365d5

HackXIt commented 17 minutes ago

Aside from illegal character compilation error (fuck the BOM) everything works as expected

HackXIt closed this as completed 17 minutes ago

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As a team leader, define create a repository structure for branching and merging #8

Closed HackXIt opened this issue 1 hour ago · 2 comments

HackXIt commented 1 hour ago

No description provided.

HackXIt commented 16 minutes ago · edited

Oops almost forgot about this:

`main` => main branch for releases  
`dev` => development branch for developers  
`feature/api-mark` => branch for implementing feature api/mark

HackXIt mentioned this issue 11 minutes ago

Add Feature/api mark #11 Merged

HackXIt commented 11 minutes ago

Done and merged in #11

HackXIt closed this as completed 11 minutes ago

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Assignees None yet

Labels None yet

Projects SLM-Exam-Project Board Status: Done

Milestone No milestone

Development Create a branch for this issue or link a pull request.

Notifications Customize Unsubscribe

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1 participant

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- Projektabschluss

The screenshot shows a GitHub repository interface with a dark theme. At the top, there are several tabs: 'Kurs: Software Lifecycle', 'PDF\_document.pdf', 'Vorbereitung\_BIC2020.pdf', 'SLM-Exam-Project Board', 'Issues · HackXIt/SLM-Exam...', 'Pulse · HackXIt/SLM-Exam...', and a '+' button. Below the tabs, a navigation bar includes icons for back, forward, search, and other GitHub features. A sidebar on the left lists 'Schrack', 'Web-Tools', 'Questions', 'Helpful Links', 'FH Technikum', 'Bitbucket', 'Confluence', 'JIRA', 'Wishlist', 'Confluence', 'Jira', 'Bitbucket', 'Toggl', 'StackExchange', 'GitHub', 'RS Components', and 'Farnell'. The main content area displays a list of issues:

- 1 Pull request merged by 1 person**
- Add Feature/api mark** #11 merged 4 minutes ago
- 9 Issues closed by 1 person**
- As a DevOp, add an continous integration action for testing in github upon merge #9 closed 1 minute ago
- As a team leader, define create a repository structure for branching and merging #8 closed 2 minutes ago
- As a DevOp, implement a continous integration action in github for the project #7 closed 9 minutes ago
- As a tester, write a testcase to verify the functionality of api/mark #6 closed 18 minutes ago
- As a developer, implement api/mark to return the grade of a student #5 closed 32 minutes ago
- Controller Klasse für REST-API erstellen #4 closed 53 minutes ago
- Create project board to track issues #3 closed 1 hour ago
- Create repository and link with Github #2 closed 1 hour ago
- Create project in IntelliJ (Java Springboot Initializer) #1 closed 1 hour ago
- 1 Issue opened by 1 person**