Create and share your project on GitHub

## Accept the GitHub classroom assignment

For this project, we will use GitHub classroom to host your source code. We created a GitHub assignment. In the first step, accept the assignment we have created for you. Go to <https://classroom.github.com/a/HVsevDM7>

**Afbeelding met tekst, schermopname, software, Webpagina

Automatisch gegenereerde beschrijving**

After accepting the assignment, a repository within the classroom will be created for your team. An URL to this repository will be presented (you might need to refresh the page). Copy this URL.

## Create a Spring Boot Project in VS Code

Install in VS Code the extension “Spring Boot Extension Pack”.

Open VS Code. Click on the Explorer-icon and choose “Java Project”.

Afbeelding met tekst

Automatisch gegenereerde beschrijving

A pop up will appear. Choose in sequence “Spring Boot”, “Maven”, “3.1.3” (or other version), “Java” in sequence.

Afbeelding met tekst

Automatisch gegenereerde beschrijving

Choose “be.ucll” as Input Group Id.

Afbeelding met tekst

Automatisch gegenereerde beschrijving

Name the Artifact name\_firstname (e.g. jan\_janssens). Small dashes as “-“ are not allowed.

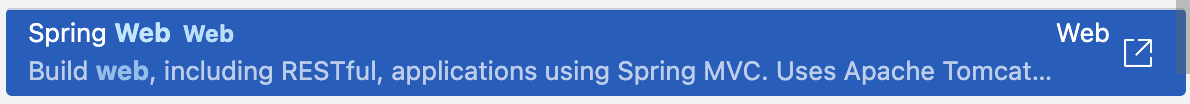
Afbeelding met tekst, Lettertype, lijn, schermopname

Automatisch gegenereerde beschrijving

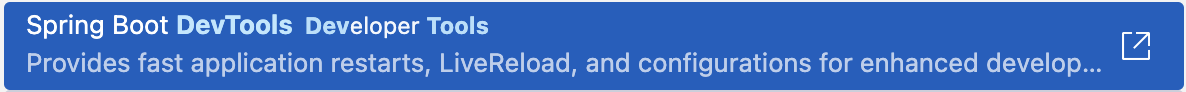
Choose “Jar” as packaging type and specify the Java version (minimal Java 17).

Add following dependencies:

* Spring Web



* Spring Boot DevTools



Click “Enter” to continue.

Choose a directory on your laptop where you want to locate your project and let VS Code generate your project.

Open the project. The page “Getting Started” gives you some links to documentation.

Afbeelding met tekst, schermopname, software, Webpagina

Automatisch gegenereerde beschrijving

Now you can create new packages in the folder “java/be/ucll/jan\_janssens” (replace “jan\_janssens” by the name of your team).

## Push the project to your repo

Push the project to the repo in the classroom.

Open a terminal, navigate into the directory of your project and execute the commands from the GitHub web page in your terminal. Commands look like

git init

git add \*

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/UCLL-BackEndDevelopment-2223-students/project-book-reeks9-9.git

git push -u origin main

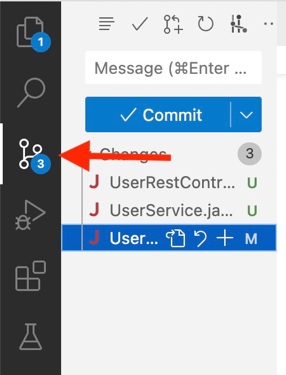
Afbeelding met tekst, schermopname, Lettertype

Automatisch gegenereerde beschrijving

## Periodically commit your work to GitHub

When finishing a lesson, or preferably multiple times during a lesson, commit your work to GitHub so you have a backup and version history of your work.

You can do this directly in Visual Studio Code via the “Source Control”: select files to commit, add a message, click “Commit” and “Push”.



Or you can do it command-line. Execute the following commands from your working directory:

git add \*

git commit -m “Your commit message”

git push origin main