UCLL HOGESCHOOL	Number of pages:…	Lecturer: N. Jacobs, J. Pieck, E. Steegmans, B. Van Impe, S. Van Peborgh, V. Witters Course unit (OPO/OLA): Back End Development Code OPO/OLA: MBI03j / MBI03h The **standard time** for this test is **1h30min**, but each student is given 30% extra time, so **2 hours total**.
Date: 02/04/2026 Group: …		Student name: ..... Student number: ..... Time of submission: .....h.....min.

Allowed Tools

- The test is done on your own laptop.
- No smartphone, nor smartwatch.
- Documentation you may use:
  - Learning materials we made available on Toledo
  - Pre-made summaries
  - Your code of the exercises and workshops
- Documentation you may not use:
  - Internet applications, messaging apps, AI tools (both online and offline).
  - IntelliJ has local, offline AI-powered code completion on by default. These AI-based features must be turned off during the mid-term test.
  - You can use the following steps to turn off all AI features:
    - Disable the plugins 'GitHub Copilot' and 'JetBrains AI Assistant'
    - Go to 'Settings' > 'Plugins' > tab 'Installed' and disable the plugins there if they are installed
    - Go to 'Settings' > 'Editor' > 'General' > 'Inline Completion' > Uncheck 'Enable local Full Line completion suggestions'

Composition of the test

- A practical part as an ANS test (on 4 points) including:
  - This assignment as a PDF
  - A zip with additional code
- Access code ANS is projected during the exam.

Startup

- Connect to the wifi network 'ans'. The password is 'exam001'.
- !! Important: make sure you are logged out of Postman before the exam. Otherwise, you will not be able to use Postman during the exam.
- Download the zip file containing additional code from ANS. It includes an initial version of the domain classes to use as a starting point, as well as a 'Data' class containing commented code that you need to copy and paste into the appropriate classes. Place the classes in the correct package within your starter code.

Submitting

- You submit your code in one zip file named "LastName_FirstName.zip"
- Submit by uploading this zip to the ANS test.
- Once everything is uploaded, check again in the test to make sure your zip is there.
- Download your submission to another folder, unzip, and check that you submitted the correct one.
- Hand over this assignment bundle and sign the attendance sheet.

Evaluation

- The functionality must work. Otherwise, you will not get points for that (sub)question.
- End-points must be implemented exactly as described. Otherwise, you will not receive points for that (sub)question.
- If the functionality works, the code must be implemented as was taught in class. Otherwise you can lose points for a (sub)question.
- You do not need to write tests unless explicitly requested.

- Work in small steps, do not do more for a question than is explicitly asked.