



WEB TECHNOLOGIES USING **JAVA**

COURSE 1 – INTRODUCTION

AGENDA

- CURRICULUM
- EVALUATION

CURRICULUM

- 1. WEB APPLICATIONS INTRO
- 2. SPRING CORE
- 3. SPRING MVC WITH SPRING BOOT AND THYMELEAF
- 4. REST APIS WITH SPRING BOOT
- 5. WORKING WITH DATABASES USING SPRING DATA JDBC
- 6. JPA / HIBERNATE FUNDAMENTALS
- 7. WORKING WITH DATABASES USING SPRING DATA JPA AND HIBERNATE
- 8. WORKING WITH TRANSACTIONS IN SPRING
- 9. UNIT TESTS WITH JUNIT AND MOCKITO
- 10. INTEGRATION TESTS WITH SPRING
- 11. GENERATING API'S DOCUMENTATION USING SWAGGER

CURRICULUM

All course materials will be available in the Files section of the course Teams group.

EVALUATION

EXAM: 5 POINTS

- Implicitly granted points: 1 Point

LAB: 5 POINTS

- Attendance: 1 Point
 - You may attend a lab with a different group, but the attendance points are granted only in your group
 - Lab attendance point is proportional with the attendance (1 point for 7 attended labs)
- Project: 4 points
- Project needs to be presented at the end of the semester to be able to take the exam

EVALUATION

NOTES:

- Project presentation is mandatory for taking the exam
- Final grade is obtained as a mean between exam grade and lab grade
- No minimum grade is required in the lab for taking the exam
- Exam consists of implementing a Spring application
- Exam will take 2 hours

EVALUATION

NOTES:

- The re-examination exam will be like the initial exam.
- For re-examinations in the same academic year: if you fail the initial exam / you want a greater grade, you need to take only the exam again in the re-examination session. The lab points are kept.
- For re-examinations in a different academic year: if you fail the initial exam / you want a greater grade, you need to take the exam and do the lab project again in the re-examination session. The lab points are not kept.

Q&A



THANK YOU

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