Requirements
Software Testing

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About the Course

What will I learn?
You will learn about software testing and how does it fit into software projects.

So will we click on applications?
No. You will learn how to implement automated functional tests.

So we will write a program to test a program.
Exactly, except the testing framework is already provided.

How does it connect to software projects?
Testing is a vital part of successful projects. So you will work in teams.
Requirements

Prerequisites
- Linux, Bash
- Java,
- git, gitHub account
- Modeling
  - UML
  - Entity Relationship

Learning Outcome
- Knowledge
  - Agile methods
  - Various types of software testing
  - Quality Assurance
  - Continuous Integration
- Comprehension
  - Functional Testing
  - Component based Development
- Application
  - JUnit
  - Mocking
Assessment

Signature
- Participation on tutorials.
- Acceptable project work
- Successful test (theory)

Exam
- Marks are usually offered.
- Both theory and practice.
- Minimum questions (66%)
- Theory (50%)
- Oral exam
  - Final mark
teams (≈5 member)
Topics outlined
2-3 mile stones
  ▶ Component based Development
  ▶ Unit & Component Tests
  ▶ Mocking and Integration
Evaluation during the semester.
## Important Dates

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<tr>
<th>Event</th>
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<tr>
<td>Team Organization</td>
<td>10th September 2018</td>
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<tr>
<td>Theoretical Test</td>
<td>26th November 2018</td>
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<td>Test Retake</td>
<td>3rd December 2018</td>
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<td>Exam</td>
<td>12th January 2019</td>
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<td>Exam Retake</td>
<td>1st February 2019</td>
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