

# QA Fundamentals and Manual Testing

## Course Introduction



SoftUni Team

Technical Trainers



**SoftUni**



Software University

<https://softuni.bg/>

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#QA-Fund

# SoftUni Diamond Partners

**SUPER  
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.BG**



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Решения за твоето утре



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**DXC**  
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**SmartIT**





# **Course Objectives and Scope**

# QA Fundamentals and Manual Testing

## Course Goals

- Knowledge of the software development process
- Knowledge of the QA process
- Skills in functional and non-functional testing
- Ability to start work as an intern or junior QA engineer



## Course Scope

- The course covers various aspects of the Quality Assurance at a fundamental level and across a wide spectrum of topics:
  - Software Development Lifecycle and Methodologies
  - Test Management
  - Test Techniques
  - Web API and Postman
  - Relational Databases
  - Test Monitoring and Control







# Training Team

- QA Architect @Progress
- More than 17 years of working experience and 11 years of training experience
- ISTQB certified trainer
- Certified Scrum Master
- Conference speaker, author of QA articles and reviewer of QA books





# Course Organization

# QA Fundamentals and Manual Testing

## Course Timeline

27-Jun-2023

12-Aug-2023

19-Aug-2023

### QA Fundamentals and Manual Testing

7 weeks \* 2 times / week  
9 credits

Start: 27-June-2023

Theoretical Exam: 12-August-2023

Practical Exam: 12-August-2023

Theoretical Exam Retake: 19-August-2023

Practical Exam Retake: 19-August-2023







**Exam**

# Practical Exam

- Practical exam tests the following skills
  - Planning tests, finding bugs and reporting issues
- **Upon given project (SRS)**
  - Write **test cases** that **cover described functionalities** and manually **execute** the **tests**
  - Document all the work in a **bug report**
- **HTTP requests with Postman**





# Theoretical Exam

- You will have **30 minutes** once you enter
  - **10** questions
  - Multiple-choice with **1** correct answer
  - English
- Automated quiz system
- Available during the **practical** exam and **30 minutes after it**
  - You can submit your answers just **one time**
  - Advice: Start it when you **finish** the **practical exam**





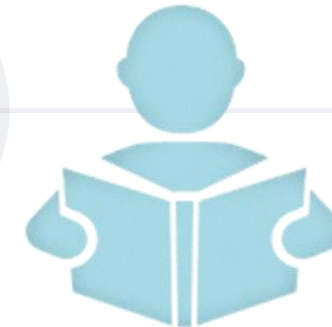
**Homework**

# Homework

- **Exercises**
  - Up to 1 week after class
  - Submitted through <https://softuni.bg/> platform
- Do your homework when it's due



- The course assignments require to **search in Internet**
  - This is an important part of the learning process
  - Some exercises intentionally have no hints
- Learn to find solutions!
  - Quality assurance includes **everyday searching and learning**
  - No excuses, just **learn to study!**
  - QA engineers learn new technologies, tools, languages every day!



# Course Web Site, Forum and FB Group

- Official web site:

<https://softuni.bg/trainings/4087/qa-fundamentals-and-manual-testing-june-2023>

- Official discussion forums:

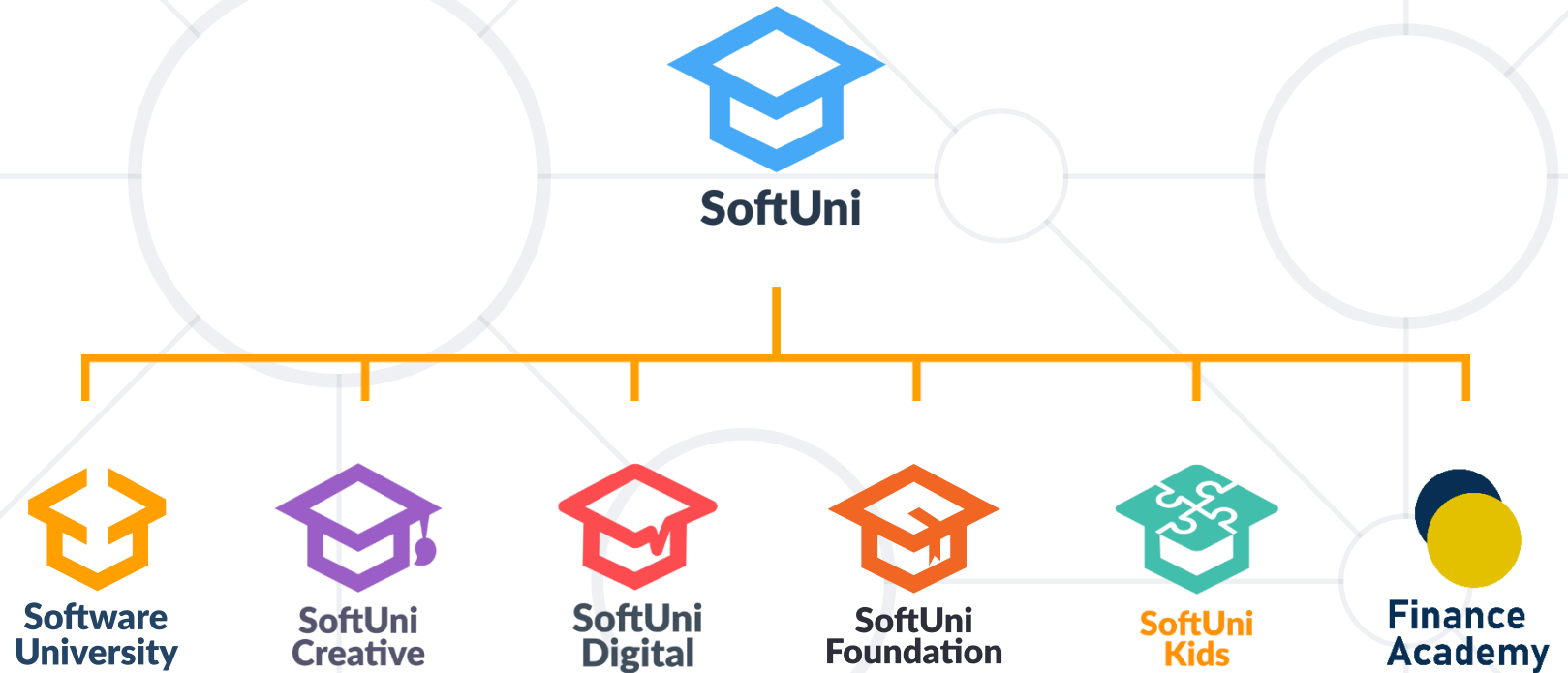
<https://softuni.bg/forum>

- Official Facebook group:

<https://www.facebook.com/groups/QAFundamentalsMay2023>



# Questions?



- Software University – High-Quality Education, Profession and Job for Software Developers

- [softuni.bg](http://softuni.bg), [about.softuni.bg](http://about.softuni.bg)

- Software University Foundation

- [softuni.foundation](http://softuni.foundation)

- Software University @ Facebook

- [facebook.com/SoftwareUniversity](https://facebook.com/SoftwareUniversity)

- Software University Forums

- [forum.softuni.bg](http://forum.softuni.bg)



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