# QA Fundamentals and Manual Testing

## Course Introduction

**SoftUni Team**
**Technical Trainers**

Software University

SoftUni

**sli.do**

**#QA-Fund**

# SoftUni Diamond Partners

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Course Objectives and Scope

# 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

# Miroslav Kostadinov

- More than **10 years** of experience in the **IT field**

- Started as a QA intern, progressing to
  QA Lead, QA Manager, and **ultimately CTO**

- Managed teams of various sizes

- Hobbies include **reading** and **cycling**

- Believes in the power of synergy and
  that a good team can achieve more than
  what each member can do alone

# Course Organization

# Course Timeline

**27-Feb-2024**                                                    **14-Apr-2024**          **26-Apr-2024**

QA Fundamentals and Manual Testing

7 weeks * 2 times / week
9 credits

Start: 27-February-2024
Theoretical Exam: 14-April-2024
Practical Exam: 14-April-2024
Theoretical Exam Retake: 26-April-2024
Practical Exam Retake: 26-April-2024

# SoftUni Certificate

Practical Exam 100%

Evaluation

Homework 5%

# CPE Certificate

Practical Exam

Evaluation

Theoretical Exam

Exam

# Practical Exam

- Practical exam tests the following skills
  - Planning tests, finding bugs and reporting issues
- **Upon given project requirements** (**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

- **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**
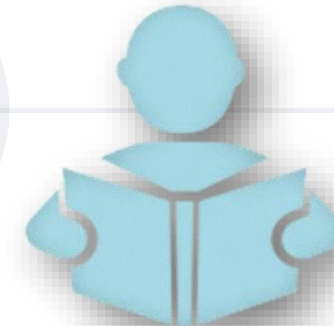  - Advice: Start it when you **finish** the **practical exam**

# Homework

# Homework

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

# Learn to Search in Internet

- 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!

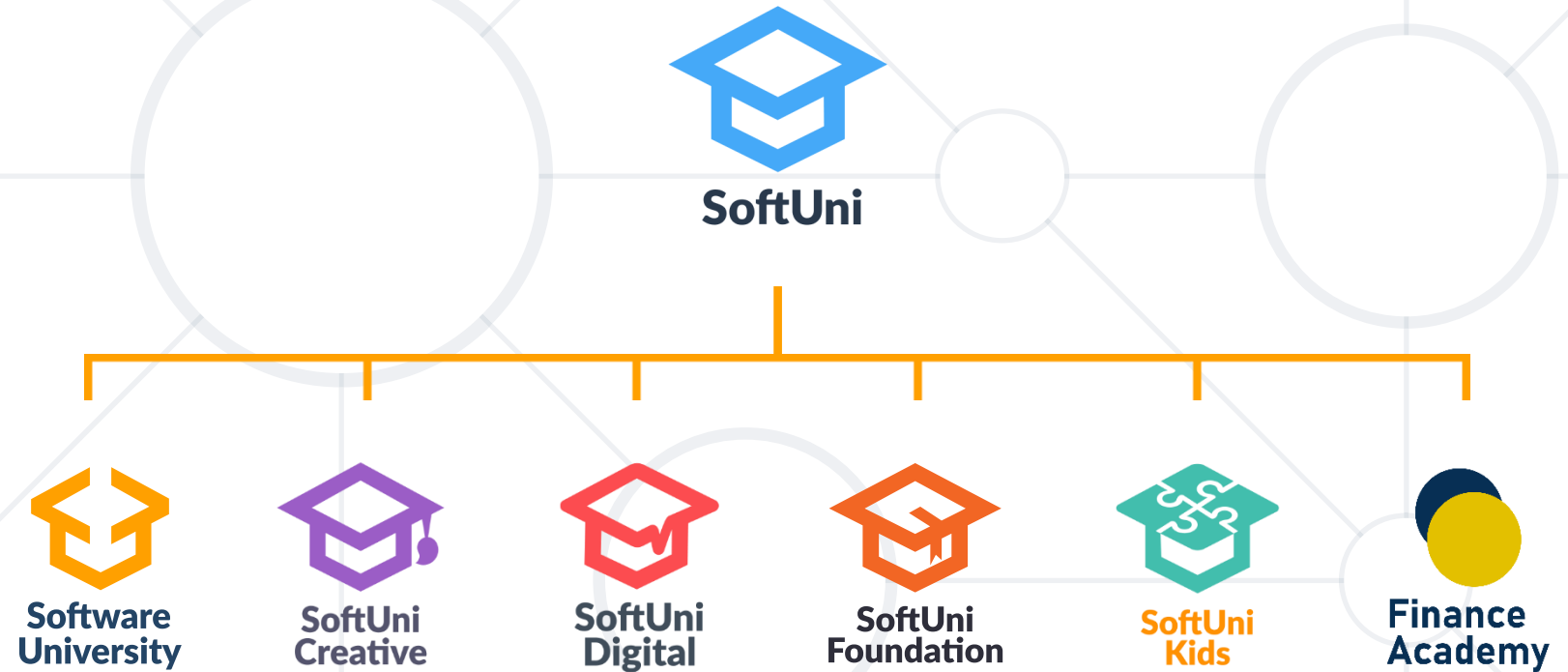# Course Web Site, Forum and FB Group

- Official web site:

  https://softuni.bg/trainings/4384/qa-fundamentals-and-manual-testing-february-2024

- Official Facebook group:

  https://www.facebook.com/groups/QAFundamentalsJanuary2024

# Questions?

# Trainings @ Software University (SoftUni)

- Software University – High-Quality Education, Profession and Job for Software Developers
  - softuni.bg, about.softuni.bg

- Software University Foundation
  - softuni.foundation

- Software University @ Facebook
  - facebook.com/SoftwareUniversity

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