

JavaScript Applications

Course Introduction



SoftUni Team
Technical Trainers



SoftUni



Software University

<https://softuni.bg/>

sli.do

#js-advanced

SoftUni Diamond Partners



Table of Contents

1. Introduction
2. Training & Team
3. Course Objectives
4. Course Organization





JS Applications

Course Objectives & Program

Course Objectives

- Improve **DOM** skills with **new techniques**
- Use **remote services** to read and store data
- Work with **external libraries** and **documentation**
- Apply **best practices** and project **architecture**
- Create fully-featured **front-end applications**

JS Applications – Course Topics

1. HTTP and REST Services
2. Asynchronous Programming
3. Data and Authentication
4. Single Page Applications
5. Architecture and Testing



6. Client-Side Rendering
7. Routing
8. Modular Applications
9. End-to-End Application
10. Web Components





Trainers and Team

- **Senior technical trainer with 7 years** experience in the IT field
- **Head of Unit at Amusnet Interactive**
- Former **Head of the R&D Unit @** Software University
- Former **Director of the Education Department**
- JavaScript enthusiast



- Lecturer and top student @ SoftUni:
Java and JavaScript
- Mid Level JavaScript Developer
- Experience as a system administrator



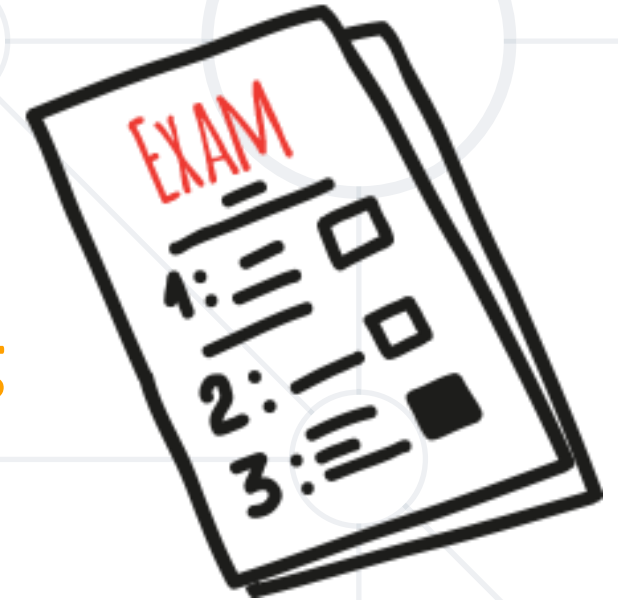


Course Details

Assessment and Schedule

Practical Exam

- Structure: **1 problem** for **4 hours**
 - Single Page Application with **multiple features**
 - Use **remote data storage**
 - Implement **user profiles**
 - Libraries for **templating** and **routing**
- Exam: **30 Mar 2024**
- Retake: **9 Apr 2024**



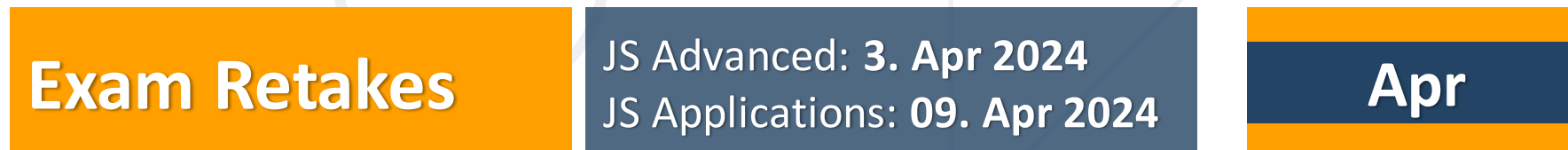
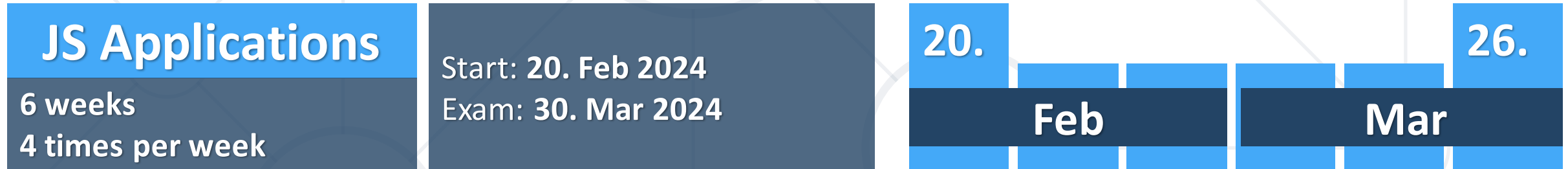
[Link to Exams](#)

Theoretical Exam

- 20 questions for 30 minutes
 - Multiple-choice
 - English
- Automated quiz system
- Available online
 - You can submit your answers just one time



JS Advanced Module Timeline



- **Practice** grade:

Practical Exam

100 %

Homework

+5 %

- **Theory** grade:

Theoretical Exam

100 %

- SoftUni Certificate: **5.00** from **Practice**
- CPE Certificate: **3.00** average from **Practice + Theory**

- 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!
 - Software development includes **everyday searching and learning**
 - No excuses, just **learn to study!**
 - Developers learn new technologies, tools, languages every day!



Course Web Site, Forum and FB Group

- Official web site:

<https://softuni.bg/trainings/4373/js-applications-february-2024>

- Official Facebook group:

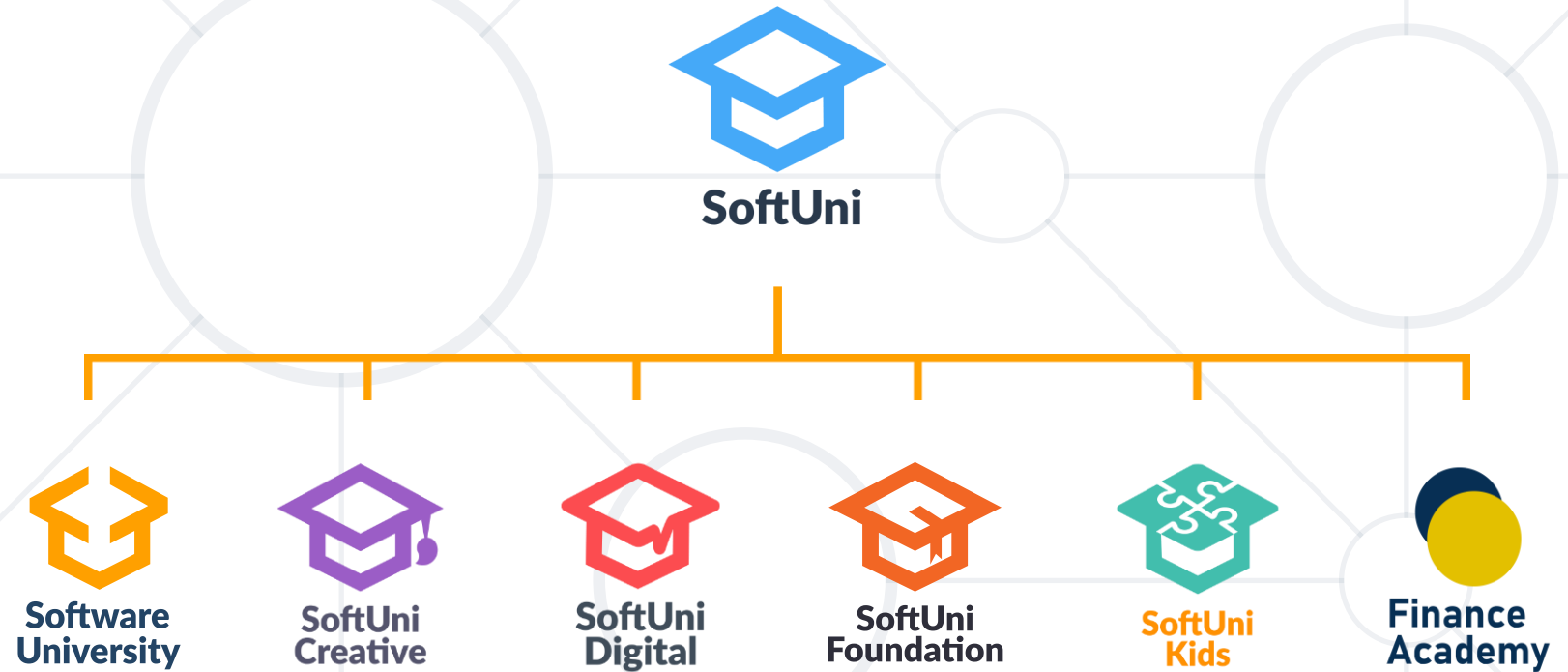
<https://www.facebook.com/groups/JSAdvancedJanuary2024>

- Official SoftUni JavaScript Community:

<facebook.com/groups/SoftUniJavaScriptCommunity/>



Questions?



- 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



- This course (slides, examples, demos, exercises, homework, documents, videos and other assets) is **copyrighted content**
- Unauthorized copy, reproduction or use is illegal
- © SoftUni – <https://about.softuni.bg/>
- © Software University – <https://softuni.bg>

