JavaScript Applications

Course Overview

Applications

JS

SoftUni Team

Technical Trainers

Software University

http://softuni.bg

Table of Content

1. Introduction

2. Training & Team

3. Course Objectives

4. Course Organization

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#JSCORE

SoftUni Diamond Partners

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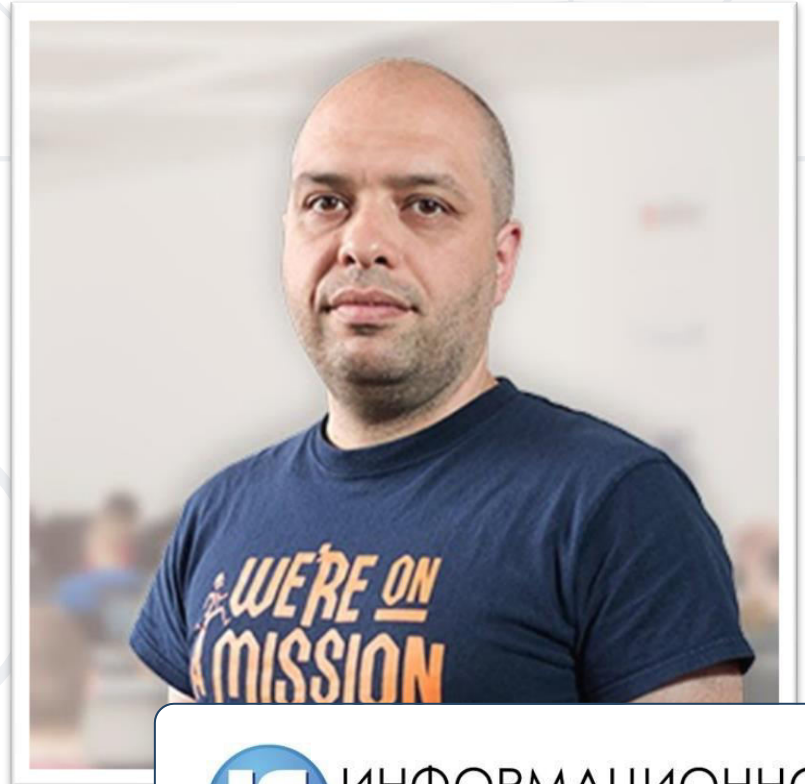
JS Applications Intro

What are we going to learn?

- In this course we are going to learn:

    - HTTP, REST Services, Postman

    - AJAX and jQuery AJAX

    - Asynchronous programming and promises

    - Creating single-page app with jQuery, AJAX, REST and Firebase

    - Templating: creating UI with Handlebars

    - Routing with Sammy.js

    - JS tools and libraries

Trainers and Team

Stamo Petkov

- Head Of Department at Information Services Plc.

- Worked with various technologies

  - .NET and C#, BASIC, Pascal, Object Pascal, PHP

- More than 15 years of experience

- Experienced Lecturer

  - C# Basics and ASP.NET MVC @ Softuni

ИНФОРМАЦИОННО ОБСЛУЖВАНЕ

Ivaylo Dimitrov

- 4+ years experience in the IT (HTML, CSS, JavaScript, C#, SQL, Windows Server)

- Excellent Software University student

- Technical Trainer in Software University

Behind the Scenes

- The team working on the materials:

  - Mladen Raykov

  - Bilyana Borislavova

  - Maya Boyadzhieva

  - Hristomir Asenov

  - Atanaska Kiricheva

  - Tanya Staneva

11

Course Objectives
Course Details and Schedule

Targets of the course

- The **JavaScript Applications** course provides

  - Technologies for creating Single Page Apps (**SPA**)

  - Consuming RESTful Services (**REST**) with **AJAX**

  - Creating UI **templates**

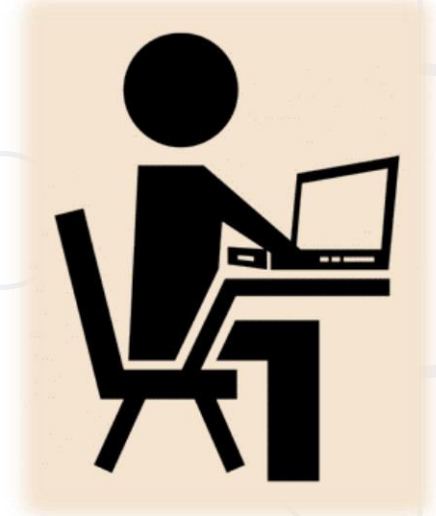 - Common JS **programming patterns** and **routing**

Exam

SoftUni Foundation

- Link to last JS-Applications exam:
  https://judge.softuni.bg/Contests/Practice/Index/1169#0

- Structure: **SPA** (Single Page Application) for 6 hours

  - Implement **CRUD** operations + **login** / **register** / **logout**

  - Use **AJAX** and **REST** + cloud-based back-end (Kinvey)

- Optionally:

  - Use templates for rendering

  - Use MVC architecture + routing

Course Organization

Structure of the course

- **Lectures**:
  - Twice a week (4 hours each)
  - Learn new material

- **Exercises**:
  - Twice a week (4 hours each)
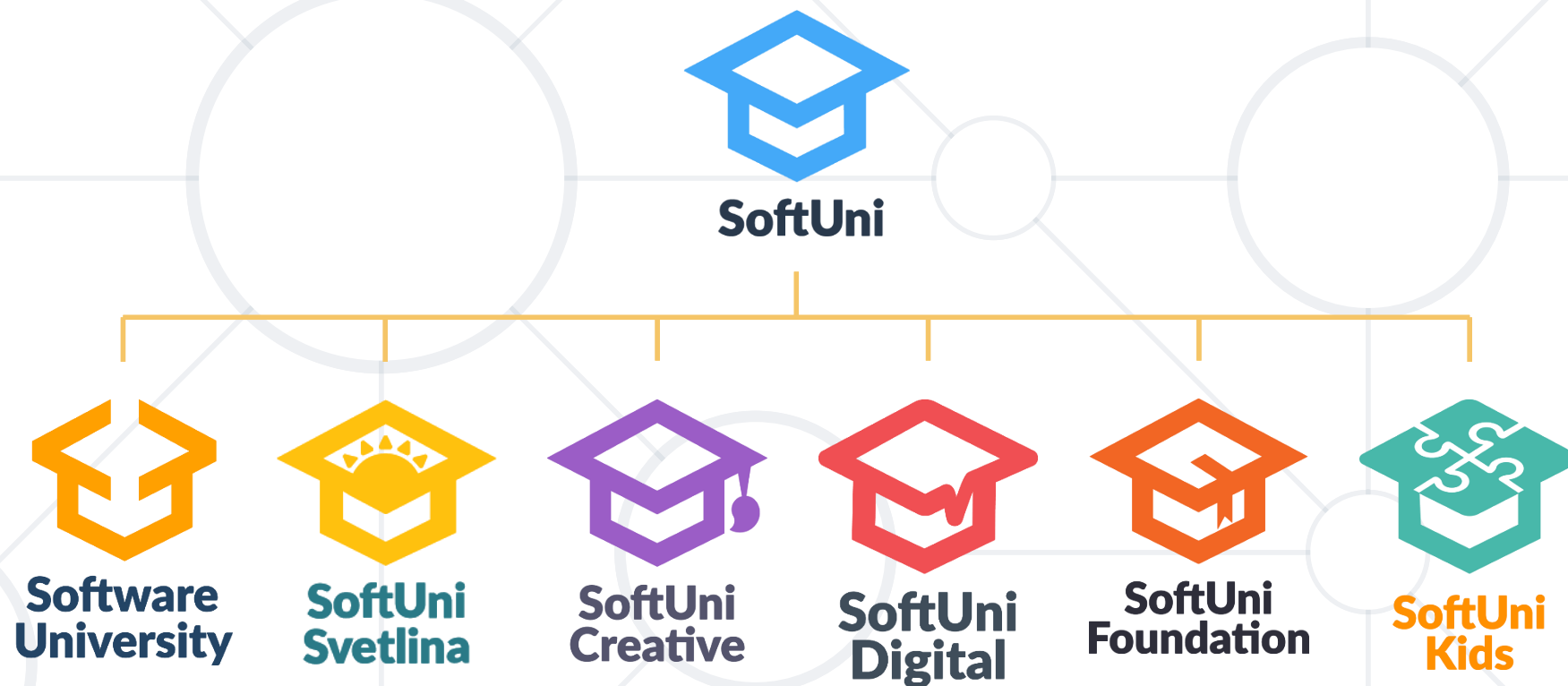 - Practice learned material
  - Ask questions if any

16

Evaluation Criteria

- **Mandatory**:

  - Final exam – 90%

  - Exercises & homework – 10%

- **Bonuses**:

  - Presence in class – 5% bonus

  - Forum activity – bonus up to 5%

Questions?

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Software University　SoftUni Svetlina　SoftUni Creative　SoftUni Digital　SoftUni Foundation　SoftUni Kids

https://softuni.bg/trainings/2082/js-applications-november-2018

Trainings @ Software University (SoftUni)

- Software University – High-Quality Education and Employment Opportunities

  - softuni.bg

- Software University Foundation

  - http://softuni.foundation/

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- Software University Forums

  - forum.softuni.bg

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