Homework: Introduction to AngularJS

This document defines the homework assignments from the ["JavaScript SPA with AngularJS" Course @ Software University](). Please submit as homework a single **zip** / **rar** / **7z** archive holding the solutions (source code) of all below described problems.

Problem 1. Video system

Create a system with the following functionality:

- You have a collection of videos. Put the data in an AngularJS Service and display all the videos on the home page.
- Every video should contain:
  - Title
  - Picture
  - Length
  - Category
  - Subscribers count
  - Date
  - HaveSubtitles
  - Comments – Every comment should contain:
    - Username
    - Date
    - Content
    - PictureUrl
- You should have a functionality for **adding a new video.** Add validations for the following inputs:
  - Title, PictureUrl and Category are required
  - The PictureUrl should be a valid url address
  - Required fields must be marked by a symbol of your choosing (e.g. *)
  - Validation should be dynamical and it should show errors on the client side
  - You should not be permitted to post a form with validation errors
- You should have **filters** on the page that contains all the videos:
  - by category
  - by date
  - by having subtitles
- You should have **sorting** on the page that contains all the videos:
  - by title
  - by length
  - by date
  - by likes

Video Object - Example

```
{
        title: 'Course introduction',
        pictureUrl: 'http://softuni.bg/picture.png',
        length: '3:32',
        category: 'IT',
        subscribers: 3,
        date: new Date(2014, 12, 15),
```

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```
        haveSubtitles: false,
        comments: [
                {
                        username: 'Pesho Peshev',
                        content: 'Congratulations Nakov',
                        date: new Date(2014, 12, 15, 12, 30, 0),
                        likes: 3,
                        websiteUrl: 'http://pesho.com/'
                }
        ]
}
```