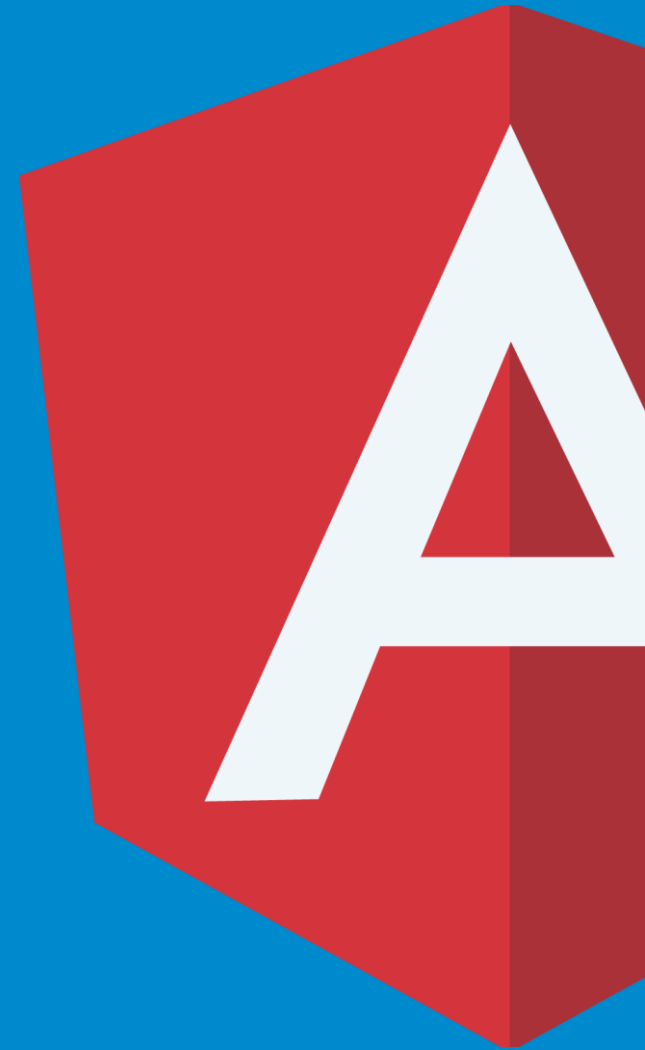


Web-school

Home task 1

Angular



Task 1. Intro



Please note that you do not need to implement any markup and logic. Only empty components files (using ng-cli) should appear after this task

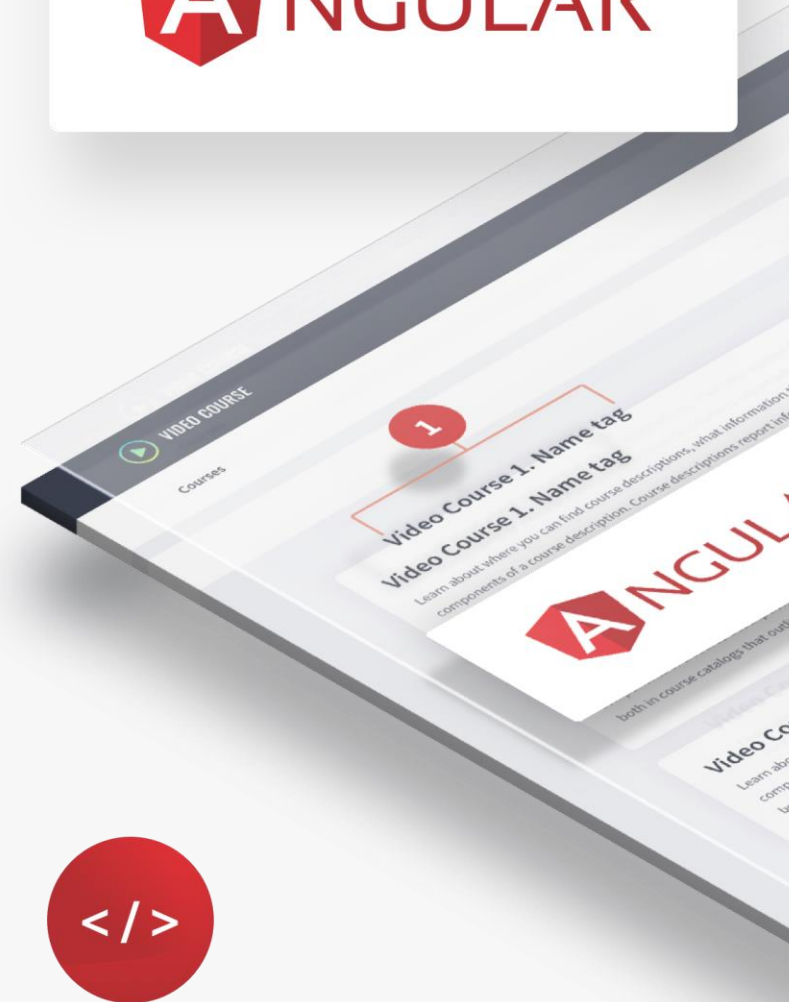
Steps

1. Create a repository at `github/bitbucket/gitlab`.
2. Install ng-cli: `npm install -g @angular/cli`.
3. Use `ng new my-app` to create initial a project.
4. Run the project by executing `ng serve`.
5. Explore a project structure.
6. Setup TS lint according to your preferences (indentation, spacing...) with the agreement with your mentor.
7. Look at the mockup (No need to implement markup at this step).

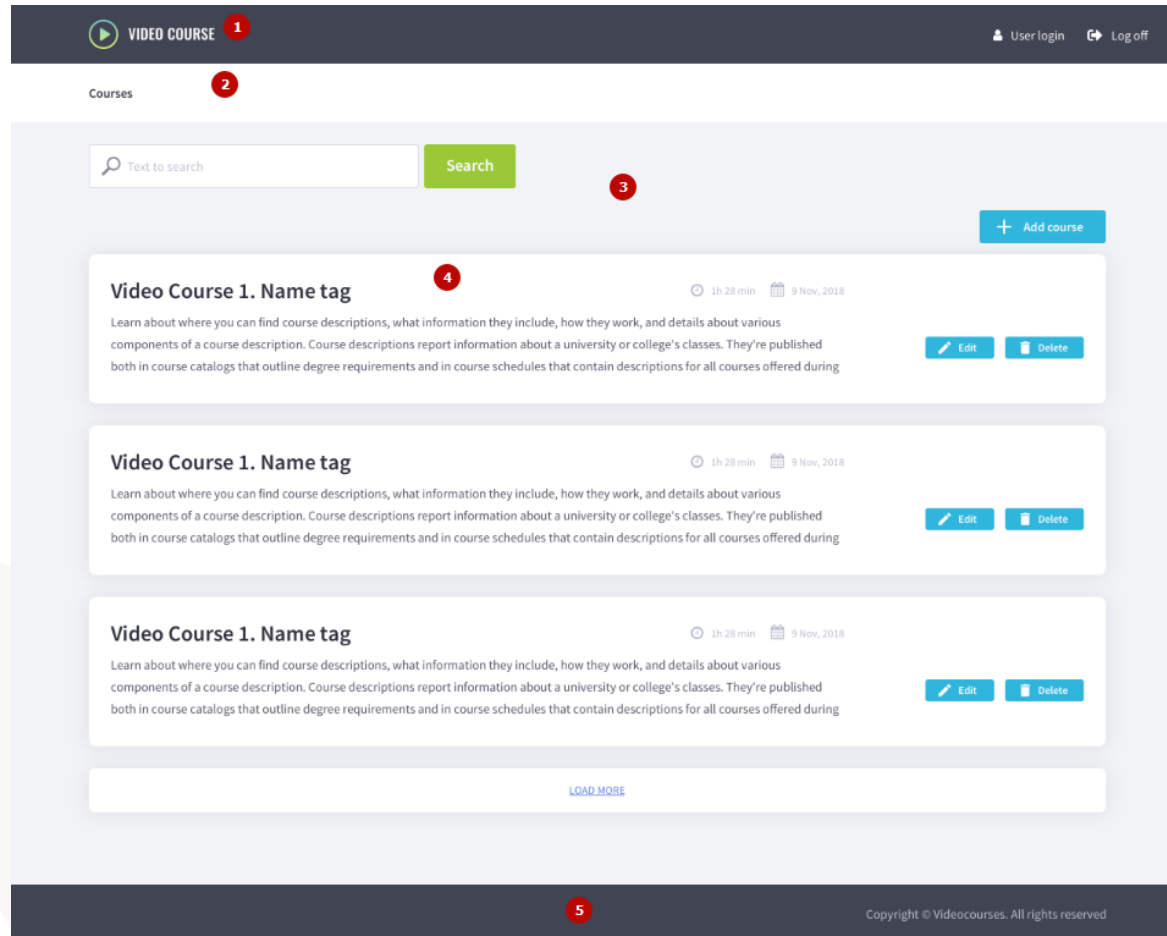
Materials

Design

<https://epa.ms/VKKpylR>



Captions



Details

1. **Header**
that includes logo element, user login (text placeholder) and log off button
2. **Breadcrumbs**
3. **Section**
that includes an input for the search, a “search” button and an “add course” button
4. **List of courses**
Course item
5. **Simple footer**



Please refer to ng-cli and angular styleguide

<https://cli.angular.io/>

<https://angular.io/guide/styleguide>

8. Think how to separate a whole page into small pieces
9. Create the project structure including all components present at the image, using `ng-cli generate component`.
10. Create header, footer, fake logo components.
11. Create courses page component.
12. Create a course typescript interface based on the mock up. All fields are presented at the page
You will have the next fields in the interface:

- Id
- Title
- Creation date
- Duration (min)
- Description

13. Create a user entity typescript interface. User entity has the next fields:

- Id
- First Name
- Last Name

14. Create classes that implement interfaces.
15. Make sure that serve and build commands work for your application.

Evaluation criteria

- 2 Created repository.
- 3 Added a base project structure. Application can be started on localhost.
- 4 Added fake implementations for components.
- 5 Did all above including interface and classes without major issues.