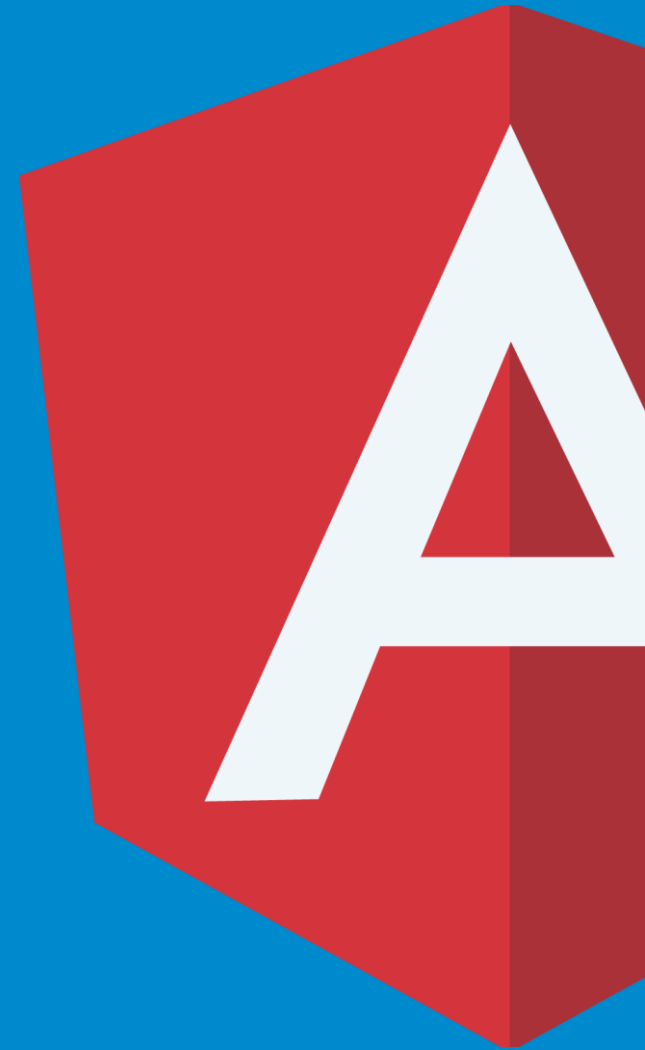


Web-school

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 angular cli) should appear after this task

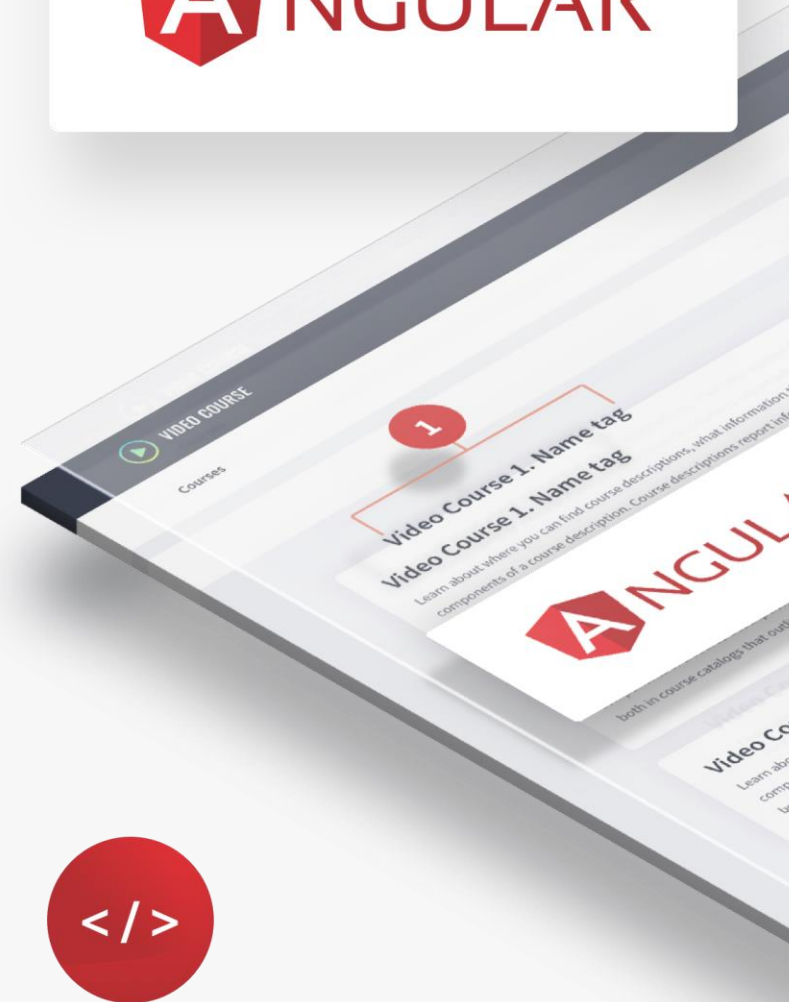
Steps

1. Create a private repository at git.epam.com (required) or [github](https://github.com)/[bitbucket](https://bitbucket.com)/[gitlab](https://gitlab.com) (only if not an employee) and share it with your mentor.
2. Install angular cli: `npm install -g @angular/cli`
3. Check out the documentation: <https://angular.io/cli>
4. Use `ng new my-app` to create initial a project.
5. Run the project by executing `ng serve`.
6. Explore a project structure.
7. Setup a linter according to your preferences (indentation, spacing...) with the agreement with your mentor.
8. Look at the mockup (No need to implement markup at this step).

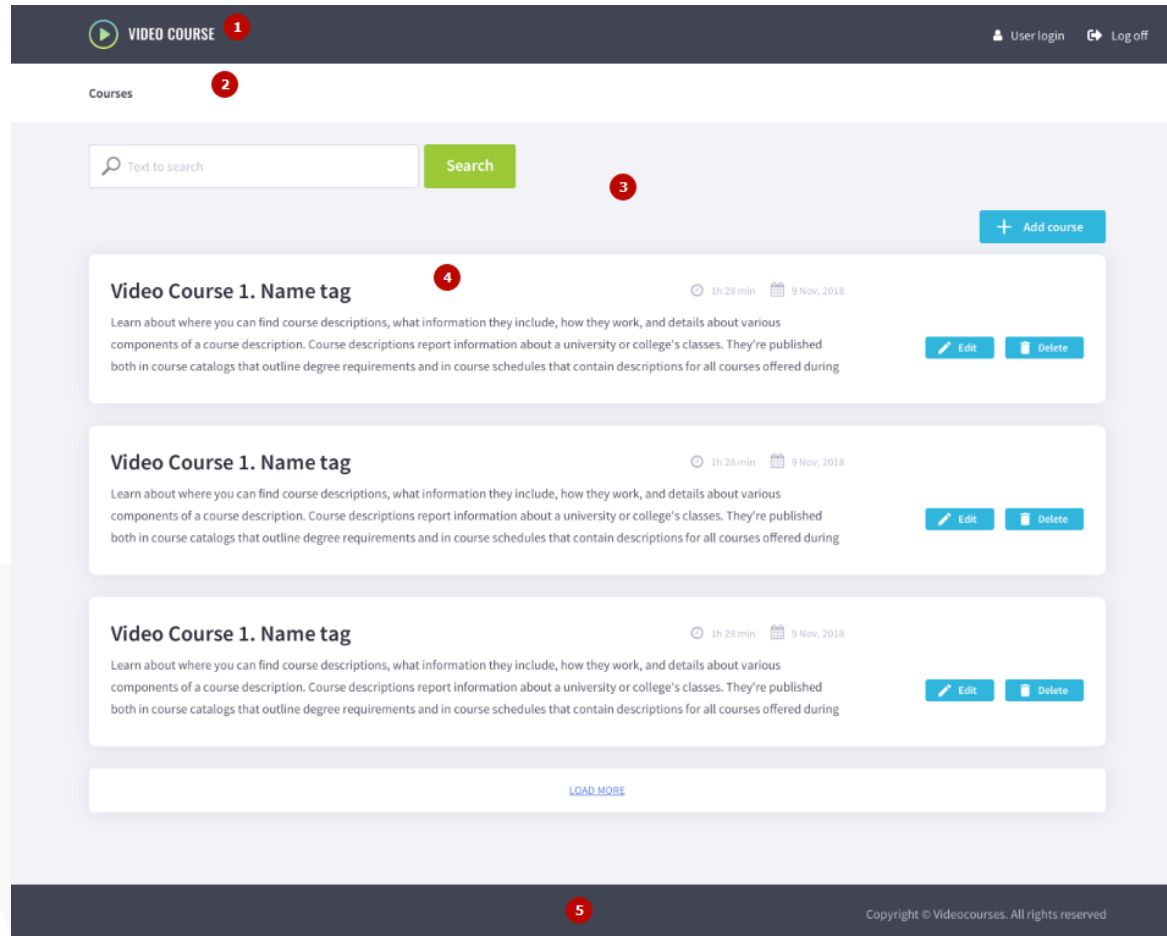
Materials

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 a “add course” button
4. **List of courses**
Course items array
5. **Simple footer**



Please refer to angular cli and angular styleguide

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

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

9. Think how to separate a whole page into small pieces
10. Create the project structure including all components present at the image, using
`ng generate component`
11. Create header, footer, logo components without implementation.
12. Create courses page component without implementation.
13. 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

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

- Id
- First Name
- Last Name

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 Created all components. The linter is configured.
- 5 Finished all above including interfaces without major issues.