

## ***Famous Quote Quiz***

### ***TEST TASK***

#### **General information:**

In the famous quote quiz game system will ask questions and user should try to pick a correct answer. Depending on selected mode user will have to choose correct answer from a list of answers, or simply to answer with Yes/No to the question.

#### **Task:**

##### **Part 1 (FE).**

Please create 2 pages:

- 1) **Main page** - shows a famous quote quiz
- 2) **Settings page** – allows switching between modes.

The user must guess who the author of the quote is.

The application can function in 2 modes:

- a) **Binary (Yes/No)** – this is the default mode
- b) **Multiple choice questions** – showing three possible answers, one of which must be the right one.

Regardless of the currently selected mode, if the user clicks on the right answer a message is displayed “Correct! The right answer is: ....”; if the user clicks on the wrong answer a message is displayed “Sorry, you are wrong! The right answer is: ....”. Then the answer options disappear, and the author name is displayed below the quote. Additionally, a button ‘Next’ appears below the author name. When the user clicks ‘Next’ they are navigated to the next quote where they can guess the next quote.

##### **Part 2 (BE).**

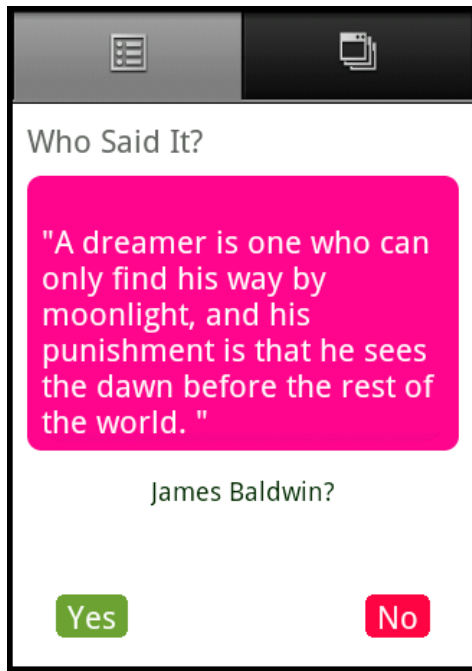
Please create pages for the following features:

- 1) **User management** – create, update, disable, delete and list users
- 2) **Quote management** – create, update, delete and list quotes
- 3) **Review user achievements** – review user games (which questions have been given to each user and how he answered them).

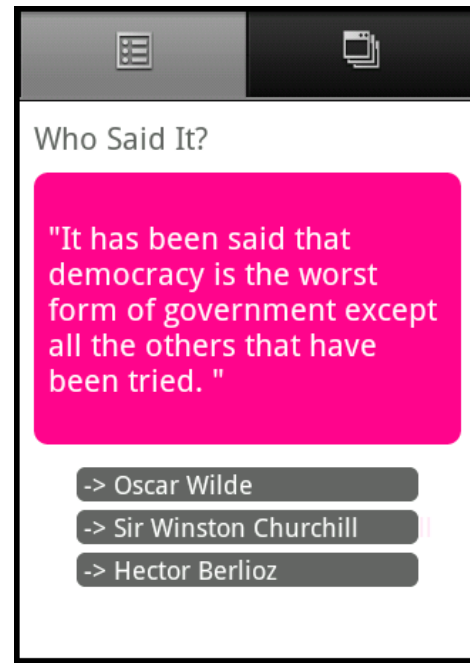
Consider appropriate sorting and filtering for the listed information.

Below you can find 2 wireframes displaying the Main page for **Part 1**.

For **Part 2** wireframes will not be provided, we expect candidates to propose their own solutions aligned with the style for Part 1. **Part 2** is a must for midlevel and senior candidates.



Wireframe 1 Binary mode (Yes/No)



Wireframe 2 Multiple choice mode

#### Note:

Please start the task and develop the application as much as possible.

It is not compulsory to have finalized solution (especially for **junior candidates**).

The ability to plan time and split the task will be taken into consideration together with the pure development skills.

For **midlevel and senior developers** – usage of ASP.NET Core, Entity Framework Core, Web API, jQuery or any other JS Framework should be considered.

**Deliverables should contain:**

- Project Solution
- Backup of the Database
- Description of the solution
- Please make the application as interactive as possible