

Siema  
Israel, Afula, Hahoresht 17  
Ukraine, Kiev, Sverstyuka 11  
**Phone** : +380934544894, +972525918290  
Website: <https://siema.com.ua/>  
Email: [sales@siema.com.ua](mailto:sales@siema.com.ua)



# Front End Developer Task.

## Test task for Frontend Engineer

Dear candidates, thank you for your attention to our company and Frontend Engineer vacancies!

This assignment not only allows us to evaluate you as a candidate for this vacancy, but also gives you an understanding of the tasks to be performed.

Looking ahead, no, we are not writing games at Headway yet. Candidates who, in our opinion, coped well with the task will be invited to an interview with the company. Previous work experience is not a key factor in a candidate's success.

### **Task:**

It is necessary to implement the basic functionality of the game "Who wants to become a millionaire":

- the player takes turns answering one of the 12 questions;
- each question has 4 possible answers and only one is correct;
- if the answer is correct, the player gets to the next question;
- if the answer is incorrect, the player gets to the final screen;
- on the final screen you need to show the overall result of the game;
- layout design is provided. The layout should be adaptive.

**Please see the design .**

### **Technical requirements:**

- use this layout for layout:
- make the layout adaptive (from iPhone 5 to 4k displays);
- do the layout without using CSS frameworks;
- the game config (questions, answers, money for the correct answer, etc.) must be in json format;
- the config should be expandable: more or fewer answers to the question; several correct answers, etc.;
- the task is implemented using the latest version of React;
- all client code must fully comply with the eslint/airbnb out-of-the-box rules.
- when the answer is selected, the button changes state to selected, and after 2 seconds button changes state to correct if the answer is correct and wrong state - if the answer is wrong.

**Make all client code typed via TypeScript.**

**Please push the project to GitHub . and provide a link.**

### **Evaluation criteria:**

- a layout that will be easy to expand and maintain;
- architectural organization of the code;
- correct handling of emergency situations.

**If you have any questions, feel free to ask them to the recruiter. Good luck!**

