

Kabisa coding assignment

Introduction

So you would like to work at Kabisa? Awesome! Since you received this assignment, you've already passed the first interview step. This is your chance to demonstrate your coding skills to our team, and show off your creativity and passion. We will use your code and application as input for the second interview. At Kabisa we're only hiring the 'best-of-class' people, so if you really like to be part of our team, this assignment may be your ticket in!

The assignment

Your assignment is to build a web application. The main page of your application should display a random quote. When the user refreshes the page a new quote should be displayed. All other requirements are up to you! You can be as creative as you like.

To give you some ideas, here are some sample user stories you could incorporate into your application

- Fetch quotes from an external service (eg: <http://quotes.stormconsultancy.co.uk/api>)
- Share 'quotes' on social media, like Facebook or Twitter
- Allow users to rate quotes and view other people their ratings
- Tweak the random quote logic to prioritize showing highly rated quotes to new users
- Find quotes comparable to the currently shown quote
- Create a slideshow of random quotes being shown
- Create a mobile friendly application, keeping different devices in mind

You're free to use any (web) technology or framework you are familiar with. Try to build at least two of the stories mentioned above, or comparable features you came up with. Remember, it should be an application that shows off your coding skills and you can be proud of!

| Evaluation criteria | |
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| Criterion 1: Creativity How creative is your concept? Did you take advantage of modern (web) features? Did you come up with an innovative and intuitive layout? | 33% |
| Criterion 2: Quality How is the the quality of your code? Is your program resilient to (un)foreseen scenarios? How did you handle documentation? Did you document and/or automate the development setup? Is it a finished product? Is the app tested with automated tests? | 33% |
| Criterion 3: Programming Structure How is the overall programming structure? Did you apply design patterns where appropriate? Is your code modular without being over-engineered? Is the code understandable without requiring comments? Did you use libraries when appropriate, etc. | 33% |

Time planning

We would like to receive the working web application, as well as the code, a few (2 to 3) days before your second interview so we can review your code and prepare for the interview. Feel free to spend as much time as you like on this project. However, keep in mind it should be a simple application that could be finished in hours, not days. We prefer a simple working app with fewer features, instead of an unfinished and unstable app with many (unstable) features.