

Mobile Frontend Engineer

Test Assignment

Task 1: Interstitial advertisement unit

Interstitial advertisement unit is a single HTML page with following constraints and design:

Constraints:

- Image size 800x800px
- Text box has maximum 160 characters
- Button has maximum 40 character long text

Expected result:

- Responsive UI which supports all aspect ratio, landscape and portrait modes
- Final ad should work on iOS or/and Android web browsers

Your goal is to make final HTML file as small as possible.

Note! There are a close button and a privacy icon on a design, don't worry about implementation those buttons at all.

Please provide all source code for the task with instruction how to build the project (if necessary) and built version of the task in single zip file.

Template Design:



Task 2: Ad Generator

Create an ad generator which should output an interstitial advertising unit (using layout created in Task). Ad generator should take an app ID as input parameter and fetch information from App Store or somewhere else and replace image, description in the layout. Output of generator should be a single HTML file with embedded dependencies. Ad Generator should be written using Javascript or Typescript(preferably).

Please provide all source code for the task with instruction how to build the project (if necessary) and built version of the task in single zip file.

Task 3: Image Carousel

Use template for Interstitial advertisement unit created in the Task 1 and Ad Generator created in Task 2 and develop it further. Implement slider component and use it instead of single image. Slider should contain at least 3 images. User should be able to interact between images.

Final ad should work on iOS or/and Android web browsers.

Please provide all source code for the task with instruction how to build the project (if necessary) and built version of the task in single zip file.

Task 4: Coding Exercise

Go to the following JSFiddle:

<http://applifier.github.io/developer-quiz/q8.html>.

See the code comments for the assignment. Remember to click save and return the url for your fiddle.