NMI Bristol

Merchants House North

Wapping Road

Bristol, BS1 4RW

United Kingdom

January 15, 2019

Dear Candidate,

The aim of this task is to create a very basic web page to tease out your knowledge abilities and passion for frontend work. This webpage is that of a fictional payment gateway. Create a single webpage from this Photoshop design and as a separate document please also write down what tools and/or precompilers you may have used to do this work and why you chose them. If you do not have time to complete what you want to, within this task, please feel free to also write down what you wish you could have accomplished and why, if you had more time.

**Additional Task Info:**

* This design requires an additional form, inside some kind of modal, which is not in the photoshop design.
* The "Request" and "Download" buttons in this design should open a modal form, with the following fields:
  + First name
  + Last name
  + Company
  + Email address
  + Country (This is a select box with a list of countries as options)
  + Product Interest (This is a select box with the following list as options; Kernels, Payment Gateway, Support, other)
* The "Contact Us" button in this design should open a modal form, with the following fields:
  + First name
  + Last name
  + Company
  + Email address
  + Country (This is a select box with a list of countries as options)
  + Your Message (This is a textarea)
* The "Try Before You Buy" button, leads to an anchor link for the "Download our SDKs" section.
* Every other link leads to an external page that is not a part of this design.

**Things to consider:**

* Without input from the graphic designer how will you implement the modal form?
* How will you fill in the gaps between this drawing of a webpage and a real, MODERN web page design?
* What format of assets will you need to create and why?
* How will you deal with any missing assets?
* Digital design on the web should be far more than a graphic designers desktop drawing. How will you make this a digital design, made for the canvas of the web? How will you breathe life into the design?
* How can this page be broken down into semantic html?
* What, if any, naming conventions might you use in your code?
* What considerations have you made for page performance?
* If you choose to use javascript libraries, how will you justify your choices?
* What considerations have you made for accessibility?
* Where are there opportunities for us to do something interesting with the code, that would enhance the page?

N.B.

- If you feel you are blocked or unable to create the assets you need to complete this task, please tell us and we can send you assets we have made.

Have fun with this task and please feel free to call me if you have any further questions.

Kindest Regards,

Matt Griffin

Head of Web Development

