**xio labs**

**Agreement with Juan Carlos Gonzalez**

**February 6, 2018 #1 v3**

**For professional services:**

A working prototype will be developed in accordance with the following specifications:

* A nodejs server which handles routes to retrieve issues associated with multiple repos on github. The information retrieved includes all the data store by github for the issues such as associated repos, comments, labels, status and so on
* The nodejs server will interact with a mongo database
  + collection to retrieve the associated pricing, duration, status and other pieces of information for each issue
  + Collection to retrieve the associated developer when assigned
  + The schemas and test data will be provided – via an update to the server starter code
* A reactjs client which interacts with the nodejs server to request and render information on the repos and issues associated with them.
* The reactjs app will have multiple routes (using react router v4), each triggering a call to the server to render the following webpages
  + Homepage
  + All closed issues
  + All open issues
  + All assigned issues (with the associated developer and anticipated due date)
  + Authentication and member registration is outside of the scope of this work
* The reactjs pages will render information using a clean, crisp format, such as github cards (zeit.co is illustrative of a layout that is lightweight and has a clean look for developers)
* The code will be appropriately documented and structured
* Tests will be included – preferably using Tape
* Code will be delivered through a public repo
* Expected delivery date of final workproducts is no later than February 23, 2018
* You agree that this is work for hire, work will be done in a quality manner, all deliverables are owned by xio, and the work or concepts will be treated confidentially and not be disclosed to another party without express written permission of xio

Payment: $1000 upon delivery of the outcome as specified above

References

<https://medium.com/javascript-scene/why-i-use-tape-instead-of-mocha-so-should-you-6aa105d8eaf4>

<https://www.npmjs.com/package/tape>