Teknovisio oy Web Developer - Coding test 1
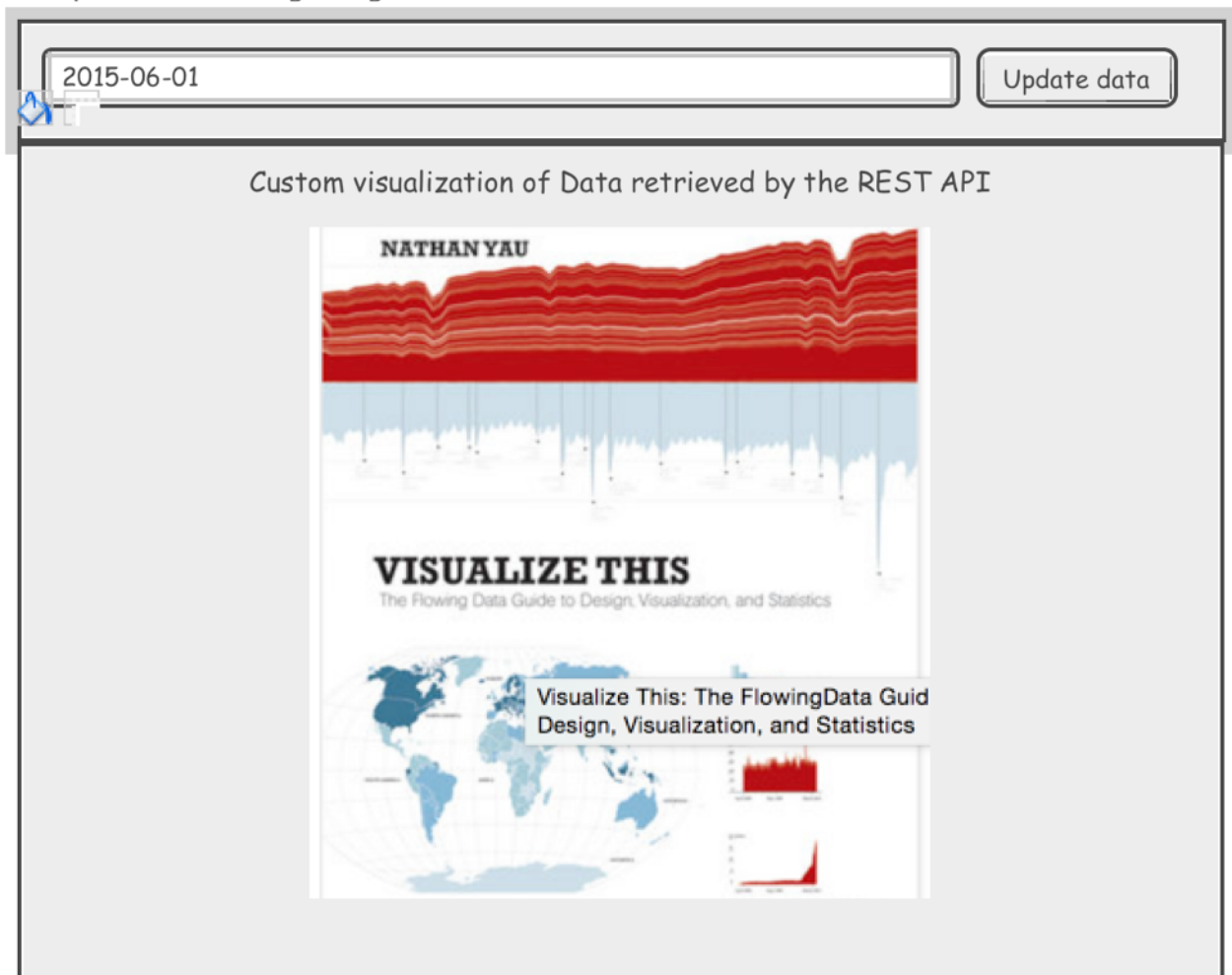
Please note that all the information provided here is Confidential and should not be distributed in any way.

Your objective is to create a sample web application with freely selectable visualisation/s from our live REST API.. Main goal is to showcase usage of REST API and visualisation of JSON/XML data. If you are not sure what the data represents that's not too important.

The query in the example is getting number of Visitors, Transactions and Conversion rate (Transactions / Visitors) for different areas under the Demo organisation

You should also generate some ways to interact and create new queries using the API. It can be drilldown, changing of dates etc

Getting example code
You can retrieve the example html / js from following Github address:

https://github.com/Teknovisio/org.visit.web.codetest1.git

How to access REST API

http://customers.visitintelligence.com/api/v1/dataquery/index.html

General information about the DataQuery API.

http://customers.visitintelligence.com/api/v1/dataquery/swagger.json

Swagger compatible specification which can be read using http://editor.swagger.io
Note that some of the enumeration regexp patterns can only be seen from the raw swagger.json

Authentication
- Authentication is OAuth 1.0 but automatically generated Tokens are generated for this test:
  - token=cdquLXK5
  - token_secret=k8vWbX6qJ87Zje8UtBNMAC4Z
  - consumer_key=anonymous
  - consumer_secret=anonymous

Authentication part is already done in the example code

Requirements
- Application has to be use **angular.js** but can use additional javascript/css/html5 frameworks
- **HTML5** use is advised
- Extra focus on the visual side
- Application should work with majority browsers, poor IE support will however be tolerated;)
- Application should showcase some responsive design
- No request spamming please

Delivery of the test
After the example has been coded inform about it directly to lauri.ruohonen@visit.fi AND jobs@visit.fi

You can deploy the project in any of the following ways
- Zipped web project including html,css,js,image files
- Shared github project
- Example installed to some 3rd party web-server

After the code has been delivered we will call the selected ones for further interviews

Problems
If you are sure that we have a problem at our end feel free to email additional questions to tuomas.kiviaho@visit.fi and as CC to jobs@visit.fi but remember that we are assuming this information should be enough to provide an example