Hi Henry,   
  
Frank really enjoyed speaking with you back before the holidays and we'd like to continue moving forward. The next step is to complete a coding exercise for our review.  
  
What we'd like to do is have you build a simple application in the technology of your choice. Using some sample CSV data for a fictional company's timesheets, we'd like you to build a RESTful JSON API backed by this data. Ideally, we'd be able to hit a webserver running on your local machine with a tool like Postman or CURL and get responses in JSON format together with appropriate HTTP response codes.  
  
In the attached CSV file, each row represents a timesheet entry, and there's a bunch of columns with various bits of data for each row. Imagine having to support a website to manage this data, and perhaps that there's also a mobile client for reviewing timesheets on the go.  
  
We'd like to see endpoints supporting the following flow:

- Get all timesheet entries

- Get an entry by id

- Search for an entry by client

- Create an entry

- Update an entry

When implementing this:

- We expect you to store the CSV data in a database. This could be in-memory or persistent. You can keep everything in a single table/collection  
- For the choice of database technology, tables, and fields, you can assume that we don't expect the data structure to change, or the amount of data to increase significantly anytime soon  
- Also account for errors, and have your application respond accordingly.  
*• What happens if we try to create an entry with bad/missing data?  
    • How about if we try to get a timesheet with by an id that doesn't exist?*

Again, feel free to use the technology of your choice here. The goal is for us to see a working API, and we are happy to point the API to a local or cloud-hosted database but should be able to download and run the API code locally. The final step is to provide clear instructions in a README file on how to build and run your code.  
  
Please let us know if you have any questions or need further clarity. With respect to timing, we'd like to see a demo some in the next week or so, but we can be flexible here. Once you get this and have a chance to digest the exercise, kindly reply to let us know when you think you'll be ready so we can schedule our review accordingly.  
  
We're excited to continue this process and look forward to hearing from you soon.   
  
Best,  
Stephen