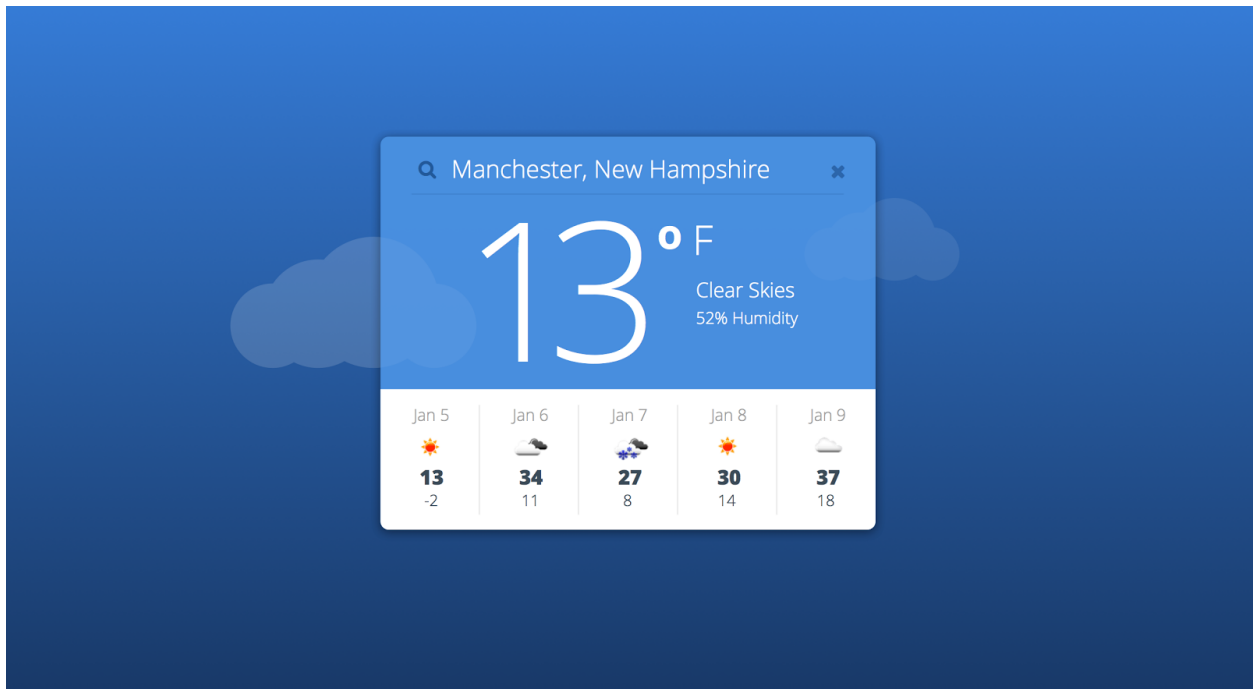


# Digital Business UI Tech Challenge

In order to better evaluate your software development aptitude, we would like you to complete a small test.

## The Test

Using the API provided by <http://openweathermap.org/> recreate the following image as an interactive website.



## Requirements:

- Your application should act as a proxy to the API provided by <http://openweathermap.org/>.
- The application should listen on port 8080
- The application should run on Linux - if you don't have Linux, you can install a virtual machine using VirtualBox.
- UI Frameworks are acceptable as long as they don't "do all of the work for you". This test is for you not them.
- When visiting the root resource of your app (<http://localhost:8080/>), display a form asking for a city.
- When that value is submitted, retrieve a 5 day forecast and display it to the user.

## Resources:

- Font: Open Sans (Google)
- Blue Colors: #367CD6 #183968 #4A90E2
- Search and “X” icons are from Font Awesome
- The clouds are provided as an attached resource
- The weather images are available via the API

## Submission Instructions

So as not to make answers available to future candidates, we ask that you not publish the source to any publicly available host, e.g. GitHub, and that you not ask questions on Internet sites, e.g. StackOverflow. Of course, you may use these sites and any other resource to help you complete the test. Thanks!

Please send us your code in a tar file. If any non-standard libraries are used, please supply those libraries and any needed build or environment instructions. We will test your code locally to verify functionality. You do not need to send a binary.

The test will be judged on accuracy, completeness, and implementation. As software developers, we have to work with each other's code, so take your time with your solution. However, we do realize that this is not something that is going to be released to production, so try not to overthink it.

Good luck!