# 24DATA Inc Front End Developer Skills Test

In an effort to get a better understanding of your skill set, 24 DATA, Inc. has developed a quick Skills Test to showcase your ability to create a simple one page website that has a form to validate and has a desktop and mobile view. We would like you to tackle The Problem below and provide us the results. If you are up for the challenge, please complete the test and send it back to us in a zip file. If you pass, we will contact you to schedule the next steps.

## Statement of Work:

We are using our website to generate leads. We need valid information from the users in order to process the lead correctly. The site should follow proper responsive design principles.

## Functional Requirements:

* Use the provided screenshots to create a one page site that looks exactly like the example provided (FrontEndSkillsTest-Desktop.png and FrontEndSkillsTest-Mobile.png)
* The site should be responsive and renders correctly in all current browsers (Chrome, Firefox, Microsoft Edge).
* Use the images provided (minifed and resized).
* Implement form validation with the following results:
  + First Name - 20 character max
  + Last Name - 20 character max
  + Email Address - valid email address
  + Phone Number - valid phone number (can accept 10 numbers and allow dashes and parentheses)
  + Zip Code - 5 digit number only
  + Consent accepted box checked
* Form Input Validation Response:
  + Pass
    - Outline field in green
    - Show a success icon
  + Fail
    - Input field outline should turn red
    - Show an error icon
    - A validation message should appear to let the user know they are missing or have incorrect information
* On submit, if form is correct notify the user that their submission has been accepted. (Do not use the alert function)

## Development Requirements:

* Set up Node.js and Grunt locally (do not include the node folder in files sent)
* All CSS, images, and JavaScript should be minified into a dist folder
* Write clean and readable code (code comments are recommended)
* Create a readme file that details the process you took, any libraries used, highlights we should look at, issues you ran into, and proposed next steps if you were to hand the code off.

## File Structure:

your-project/

│ index.html

│ Gruntfile.js

│ package.json

├── dist/ (minified code)

│ └── css/

│ └── js/

│ └── img/

├── library/

│ └── css/

│ └── js/

│ └── img/

└── node\_modules/ (do not include in zip file)

## Bonus:

On submit, create a popup box thanking the user with their first name and the ability close it.

Menu stays on top of page

Use less or sass

Use webpack

## Notes:

You may use any css or javascript frameworks but in the readme notate which you used.

### Text:

I hereby consent to receive emails, text messages and other electronic communications at the telephone and email listed above.