3.0 hours

Project 3

Online Registration Form

Submission Received

Your project was received. You’re ready to continue!

Keep Going

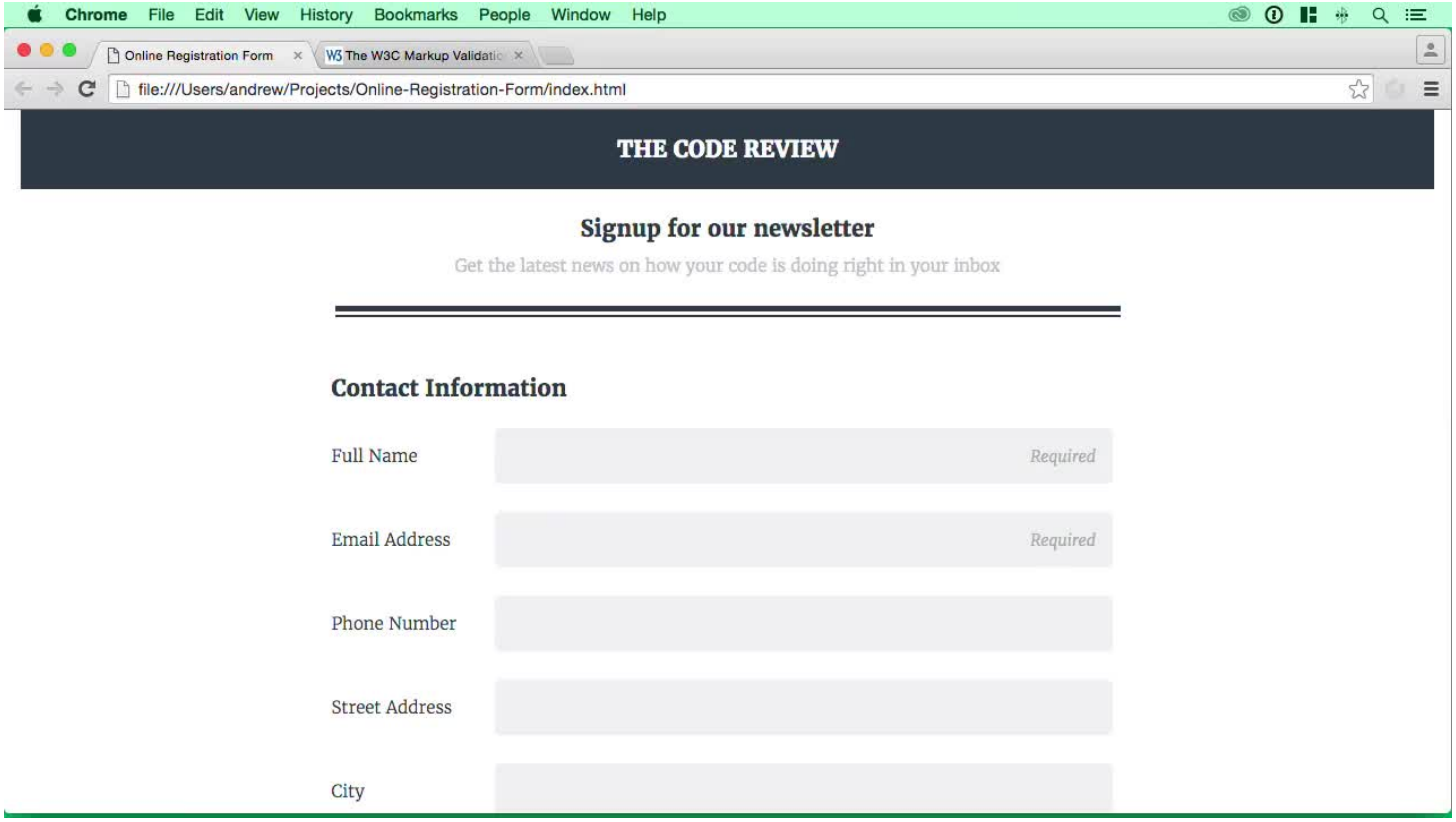
- Instructions
- What makes a good project?

In this project you'll build a responsive, mobile-friendly registration form using a wide variety of HTML form input types and attributes. Using the supplied mockup files you'll build a mobile and desktop version of the form using media queries, and a "mobile-first" approach.

NOTE: The Front End Web Development Techdegree is meant to train you in HTML, CSS and JavaScript, and let you practice and show your mastery of these fundamental building blocks of the web. Because of that, please avoid using frameworks like Bootstrap, Foundation, Skeleton, and so on for this project. Even though you may end up using frameworks like these professionally, you still need to know and be able to implement designs with your own knowledge of HTML, CSS and JavaScript.

In addition, please avoid submitting any projects that rely on a server-side technology like PHP or Ruby on Rails.

Video Player



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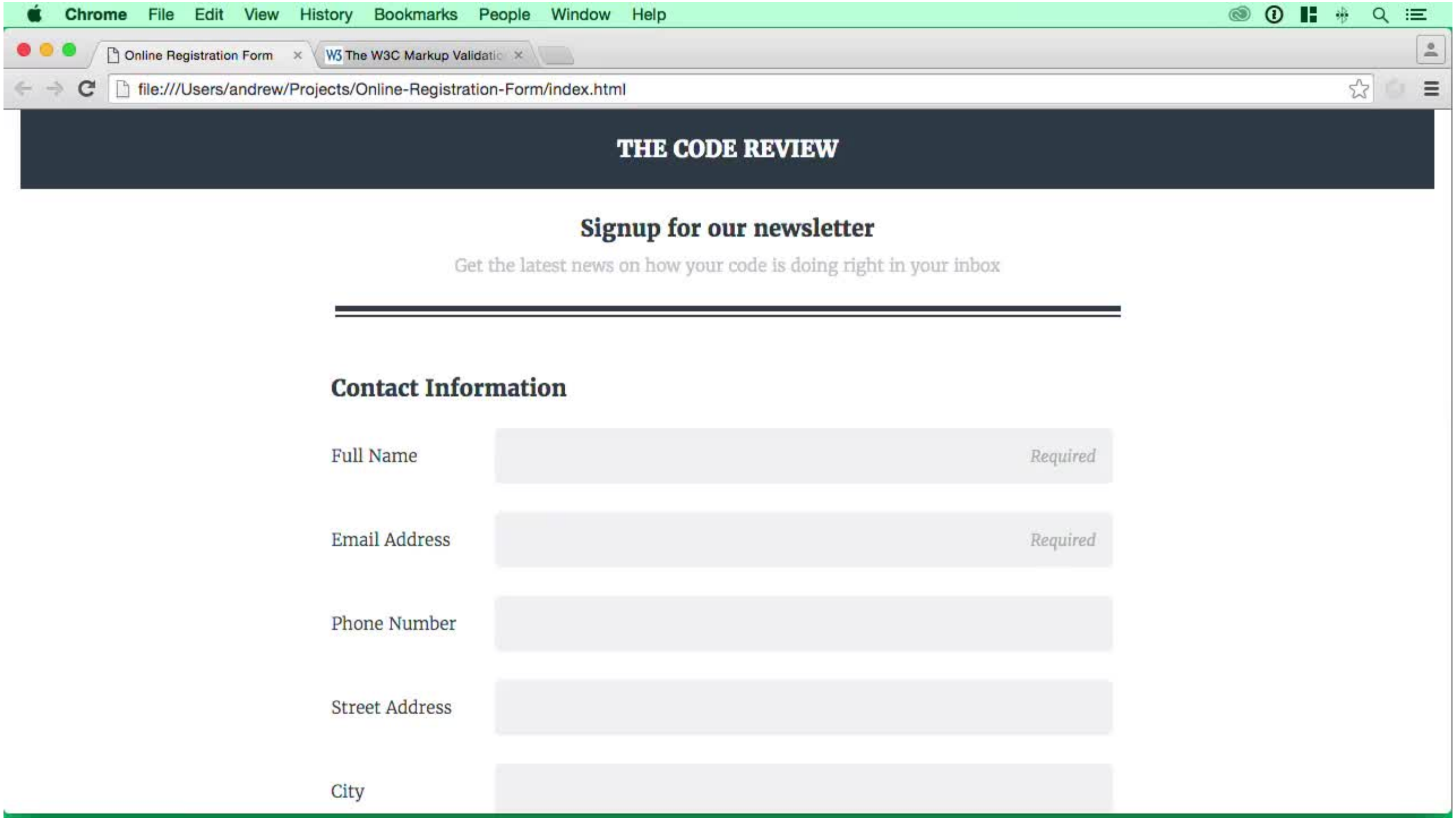
Chrome File Edit View History Bookmarks People Window Help
Online Registration Form
The W3C Markup Validatio
file:///Users/andrew/Projects/Online-Registration-Form/index.html

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00:00
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1. 2x 2x

2. 1.75x 1.75x
3. 1.5x 1.5x
4. 1.25x 1.25x
5. 1.1x 1.1x
6. 1x 1x
7. 0.75x 0.75x
8. 0.5x 0.5x

- ● None
- ○ English

Use Up/Down Arrow keys to increase or decrease volume.

Before you start

To prepare for this project you'll need to make sure you complete and understand these steps.

2 steps

- **Have a GitHub account and know how to create a new repository and upload files to it.**
    - As with the previous projects, you'll submit your finished working using GitHub.
    - If you need a reminder on how to use GitHub and GitHub desktop to create a new repository check out the workshop 'Share Your Projects wIth GitHub Desktop' in the Project Resources.
- **Download the project files. We've supplied two files for you to use:**
    - mobile-form.png is a PNG file with the form design as it should look on a mobile phone
    - desktop-form.png is a PNG file with the form design as it should look on a screen that's at least 760 pixels wide

Project Instructions

To complete this project, follow the instructions below. If you get stuck, ask a question in the community.

13 steps

- **For this project we will be checking the design in Google Chrome version 48 or higher.**
- **Use the supplied mockup files to build a mobile-ready registration form.**

- **Use a mobile-first approach: make sure the basic design (without media queries) matches the mobile design in the mobile-form.png.**
    - Make sure the HTML file includes the viewport meta tag in the head of the document, see the project resources for links to "Using the viewport meta tag" and "Configuring the Viewport".
- **Use CSS media queries to change the layout of the form at screen widths of 760 pixels or wider, to match the desktop design in the desktop-form.png file.**
- **Make sure you include the following form field types:**
    - text input
    - email input
    - telephone input
    - select menu
    - checkboxes
    - radio buttons
    - textfield
    - submit button
- **Use descriptive names for the form inputs -- for example, "email" for the email field, not "e" or "xyz."**
- **Add labels to the form fields using the HTML `<label>` tag**
- **Use the input field's placeholder attribute to add "required" to**
    - the Full Name field
    - the Email address field
- **Make sure you properly pair `<label>` elements with form controls via the `for` attribute.**
- **Add "focus" states to the form for when a user clicks or tabs into a text field.**
- **Add two fieldsets and legends for the**
    - "Contact Information" section of the page, and
    - The "Newsletter" section of the page.

  Note: You don't need to make a functioning form -- that is, it doesn't have to do anything when the form is submitted. To do that, you'd need to add some server-side programming to actually process the user's input.
- **Make sure to check your code is valid by running it through an HTML and CSS validator.**
    - Links to the validators can be found in the Project Resources. This will help you spot any errors that might be in your code.
    - **There are a few exceptions that you don’t need to fix:**
        - Don’t worry about any warnings, we just need you to check any errors that might be there.
        - If CSS validator flags use of calc, vendor prefixes or pseudo-elements/pseudo-classes these errors should be ignored.

        - If HTML validator flags use of pipe (‘|’) in Google font links/URLs this error can also be ignored.

- **Before you submit your project for review, make sure you can check off all of the items on the Student Project Submission Checklist. The checklist is designed to help you make sure you’ve met the grading requirements and that your project is complete and ready to be submitted!**

NOTE: A good practice is to check your project for cross browser compatibility. Making sure that it looks and functions correctly in multiple (at least three) browsers is an important part of being a top-notch developer. If you want, leave a comment to the project reviewer about which browser(s) the project was checked to ensure they are seeing things as you have designed them.

Some browser options:

- Google Chrome
- Mozilla Firefox
- Internet Explorer/Edge
- Safari

Extra Credit

To get an "exceeds" rating, you can expand on the project in the following ways:

8 steps

- **NOTE:** To get an "Exceeds Expectations" grade for this project, you'll need to "exceed" on **every** requirement that has an "Exceeds Expectations" option.

- **Additional breakpoints for other browser widths like tablets.**

- **Add additional form fields to build a more complex form with additional options.**

- **Additional placeholder text for other text fields.**

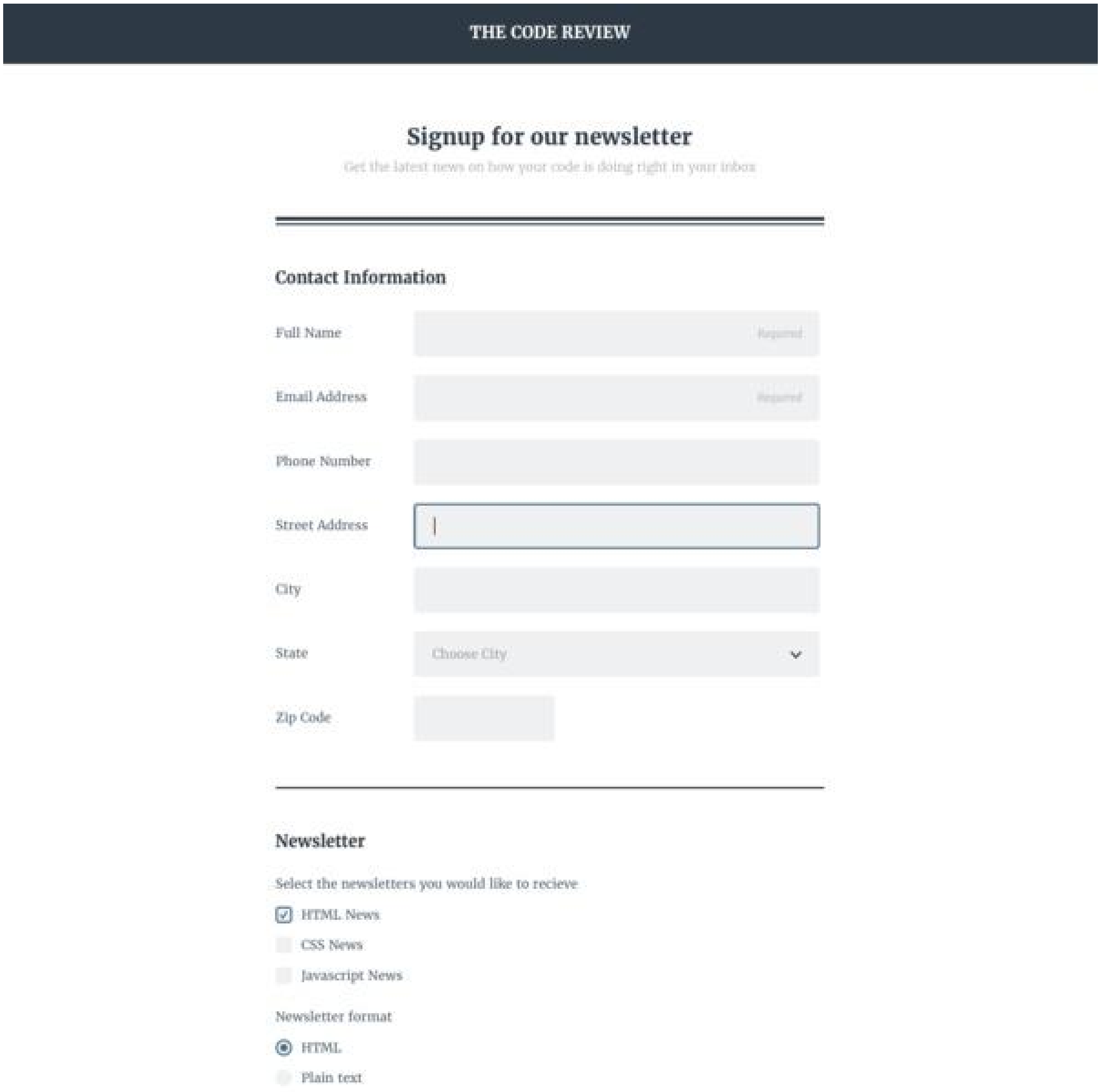
- **Use HTML5 validation to make sure that required fields are filled out and input is formatted correctly.**

- **Use a Google Font for the text. The design uses the free "Merriweather" font, which you can find a link to in the Project Resources. But, you can use any Google Font that you'd like.**

- **Enhance the style of the form with graphics, background colors, etc. Just make sure you leave the basic layout the same as the mockup.**

- **Use CSS Transition effects for highlighting the look of the form fields both when they are "focused" and "blurred."**

    - For example, make a background color fade into view when the field the user clicks into a text field, and fade out when the user clicks or tabs out of the field.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Download files

Zip file

Project Resources

[Course](#)

[HTML Forms on Treehouse](#)

[External Link](#)

[Using label elements to associate text labels with form controls](#)

[External Link](#)

[Using the viewport meta tag to control layout on mobile browsers](#)

External Link

Configuring the Viewport

External Link

The `:focus` pseudo-class

Workshop

Using GitHub for the Degree Program Workshop

External link

Formatting form placeholder text

External Link

Getting Started with Google Fonts

External Link

Google Font: Merriweather

External Link

HTML5 Form Validation

External Link

W3C HTML Validator

External Link

W3C CSS Validator

External Link

W3C HTML Validator - Chrome extension to validate HTML

Need Help?

Have questions about this project? Start a discussion with the community and Treehouse staff.

Get Help