

2.1.8 Create Git Issues

The design team has requested that we insert a text block into the hero section to add some visual balance and Run Buddy marketing bling. We could dive right in and get started on a new feature branch, but instead let's take a minute to introduce a GitHub task management tool called Git issues.

Git issues helps teams to do the following:

- Track, organize, and communicate ideas, tasks, bugs, and enhancements
- Remember key tasks
- Identify bottlenecks or blockers that could prevent work progress
- Indicate file changes to reduce merge conflicts
- Prevent duplicating work through assigning tasks or issues

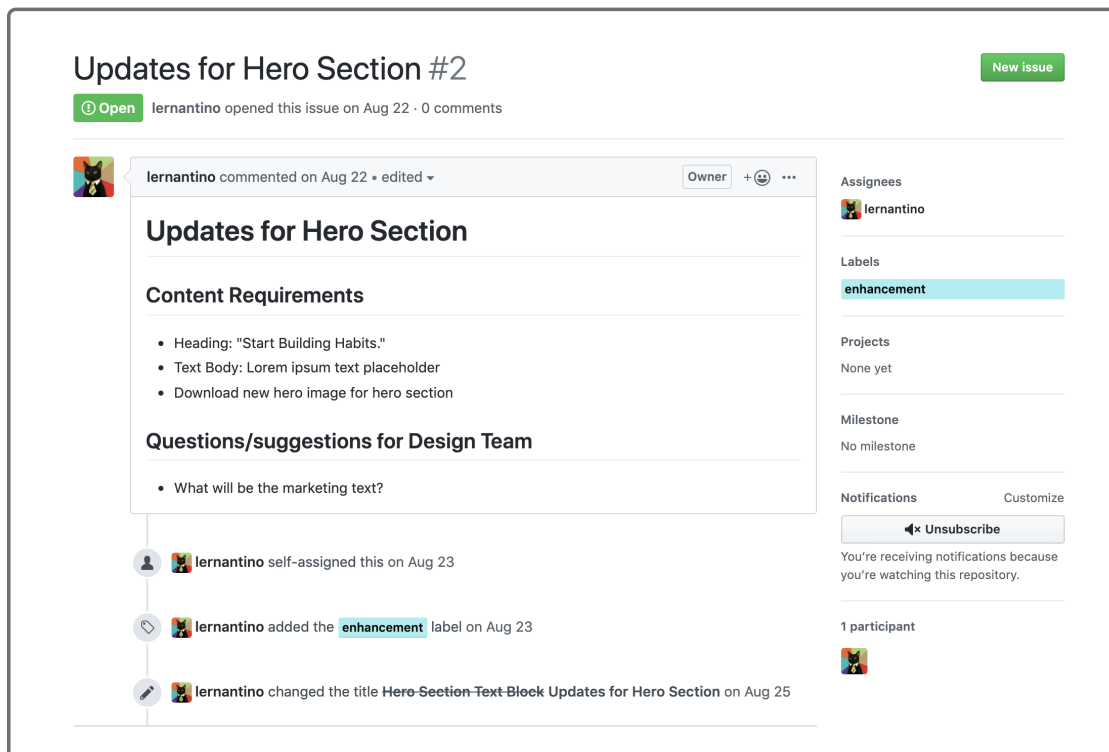
Create a Git Issue

Other formatting options for issues includes checkboxes, code blocks, and the ability to mention a team member(s) using their GitHub handle with the "@" notation.

On the right side panel, there are options to add labels or team member assignments. Add the enhancement label, assign the issue to yourself, and submit the issue by following these steps:

1. Click the Assignees option and then select your GitHub username.
2. Click the Labels option and select "enhancement" from the list.
3. Click the "Submit new issue" button.

You should see the following screen following a successful issue creation:



Congratulations on completing your first Git issue! Note that the issue edit page also allows you to close the issue after it's resolved. You can access this page from the Issues tab, which now notes that there is one outstanding issue on the repo's landing page.

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DEEP DIVE

For more information, see [GitHub's documentation on using issues](https://help.github.com/en/articles/managing-your-work-with-issues) [_\(https://help.github.com/en/articles/managing-your-work-with-issues\)_](https://help.github.com/en/articles/managing-your-work-with-issues).

Create a Second Issue

Now that we understand how to create a Git issue, let's create another one. The sales department wants to add a form to the Reach Out section for users to submit questions directly to the sales staff.

Using what you just learned, create a Git issue for this feature. The finished issue should look something like this:

```
# Contact Form for Reach Out Section
```

```
## Content Requirements
```

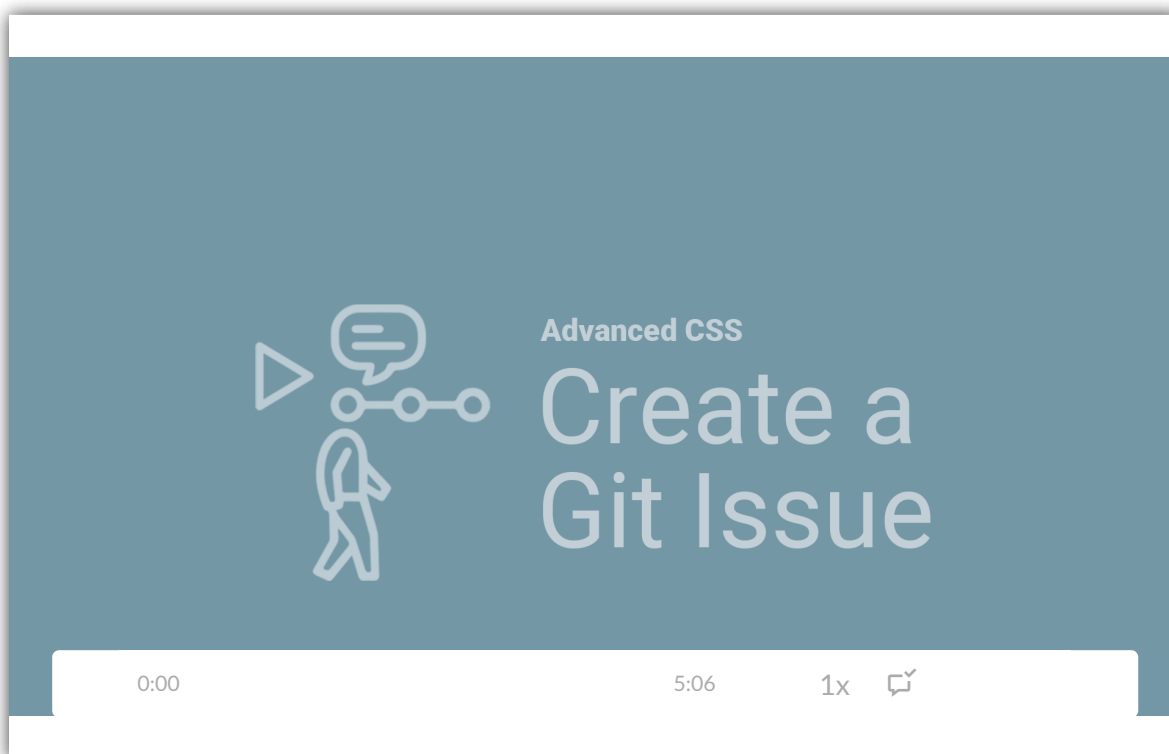
```
* Heading: "Contact Us"
```

```
* Name: Input Text field
```

```
* Message: Large message area
```

The following image shows how the issue should appear in GitHub:

Before we create our first Git issue, let's take a look at this video to give us a sense of what this process will look like:



This project will have six Git issues. Let's create the first one now.

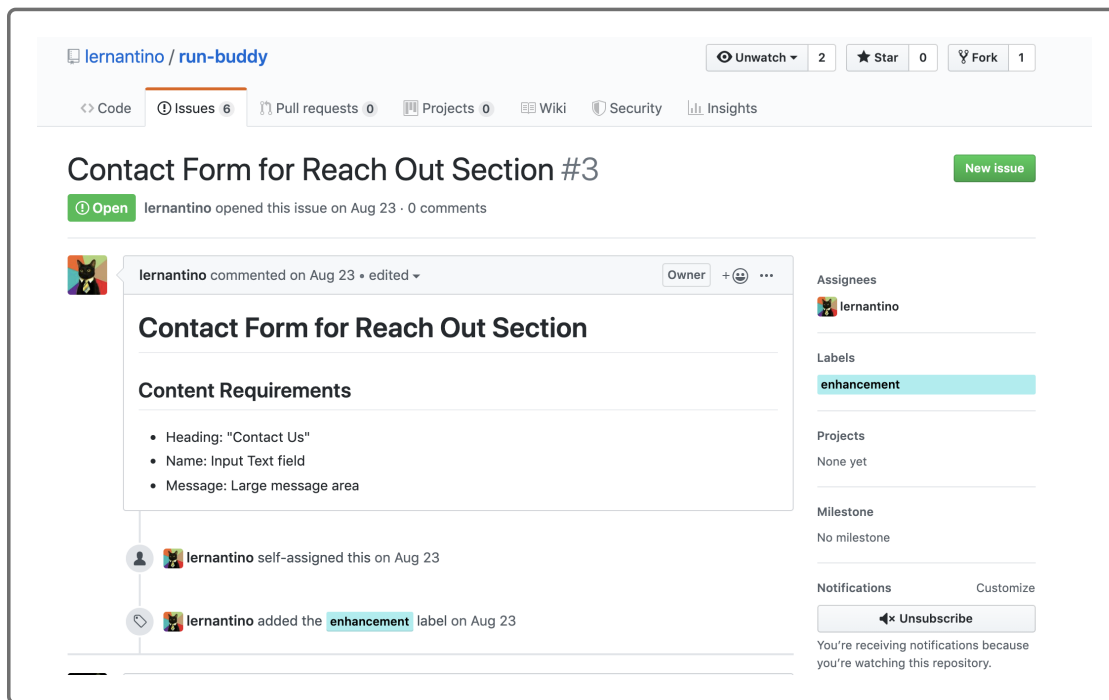
Go to the GitHub repo and select the Issues tab.

Create a new issue by clicking the green "New issue" button. Give this issue the title of "Updates for Hero Section," then type the following Markdown for the description:

```
# Updates for Hero Section

## Content Requirements
* Heading: "Start Building Habits."
* Text Body: Lorem ipsum text placeholder
* Download new hero image for hero section

## Questions/suggestions for Design Team
* What will be the marketing text?
```



Notice that this issue was also assigned and labeled to provide more details for the development team.

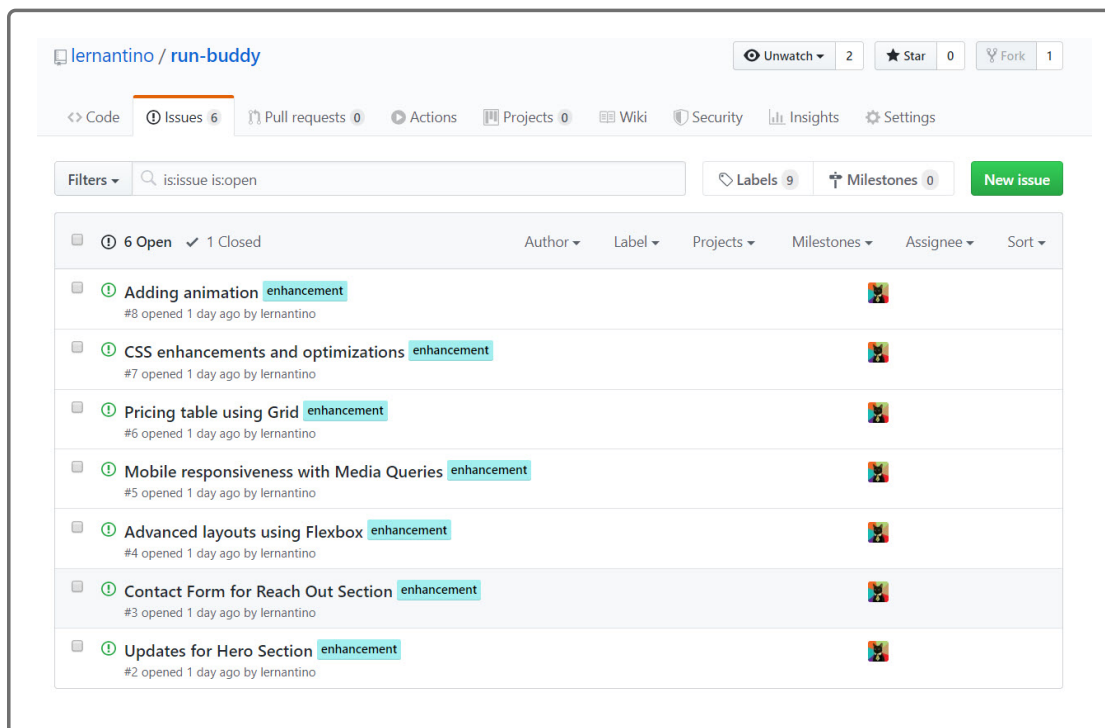
Create All the Issues

Here is a list of the issues we must create for our development team in order to create Run Buddy version 2.0. For simplicity and speed, keep these simple. Okay, okay—you can add detail and rich formatting features if you really want to!

Create the following five issues:

1. Advanced layouts using Flexbox
2. Mobile responsiveness with Media Queries
3. Pricing table using Grid
4. CSS enhancements and optimizations
5. Adding animation

When you're done creating these, the Git Issues page should look like this:



Let's keep progressing through our project requirements. Typically, we'd assign each feature to a different team member so we can all work in parallel, but in our case we'll work through each issue ourselves to get better practice in CSS and Git workflow.