

Lab 2: Create an issue template in GitHub

Estimated time needed: 10 minutes

In this lab, you will create an issue template in GitHub that will help you to write well-formatted user stories in ZenHub.

Objectives

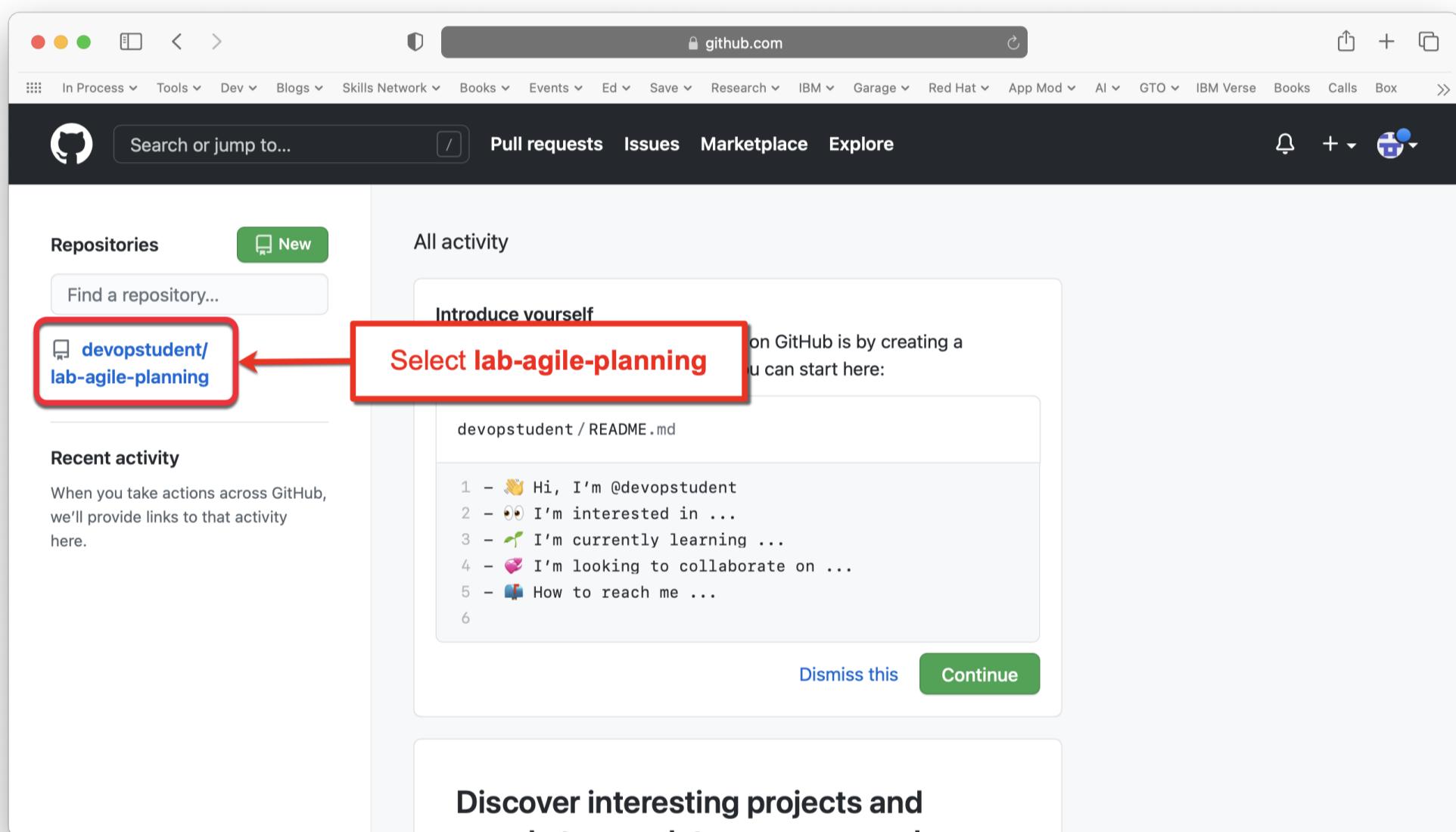
After completing this lab, you will be able to:

1. Create an issue template in GitHub that contains the information required for writing good user stories.

Exercise 1 : Create an issue template in GitHub

In this exercise, you will create an issue template in GitHub. This only needs to be done once for each new repository that you create.

1. Go to [GitHub.com](#) and select the `lab-agile-planning` repository that you created in [Lab 1](#).



2. From the repository page, select **Settings**.

A screenshot of a GitHub repository page for 'devopstudent / lab-agile-planning'. The page shows basic repository statistics: master branch, 1 branch, 0 tags. Below this is a commit from 'devopstudent' titled 'Initial commit' made 16 days ago. A README.md file is also present. On the right side, there are sections for 'About', 'Releases', and 'Packages'. At the top right, there is a 'Settings' button, which is highlighted with a red box and an arrow pointing to it from the left.

3. Scroll down to the **Features** section and select **Set up templates**.

A screenshot of the 'Features' section of the GitHub repository settings. It includes options for Wikis, Issues, Sponsorships, and a 'Sponsor' button. The 'Issues' section is expanded, showing a box for 'Get organized with issue templates' with a 'Set up templates' button. This 'Set up templates' button is highlighted with a red box and an arrow pointing to it from the top right.

4. From the dropdown list labeled **Add template** (1), select **Custom template** (2).

The screenshot shows the GitHub settings interface for a repository named "devopstudent/lab-agile-planning". The "Settings" tab is selected. A red box labeled "From the dropdown" points to the "Add template: select" dropdown menu. A red box labeled "Select Custom template" points to the "Custom template" option in the list, which is highlighted with a red border. Numbered circles 1 and 2 are placed near the dropdown and the custom template entry respectively.

- Bug report**
Standard bug report template
- Feature request**
Standard feature request template
- Custom template**
Blank template for other issue types

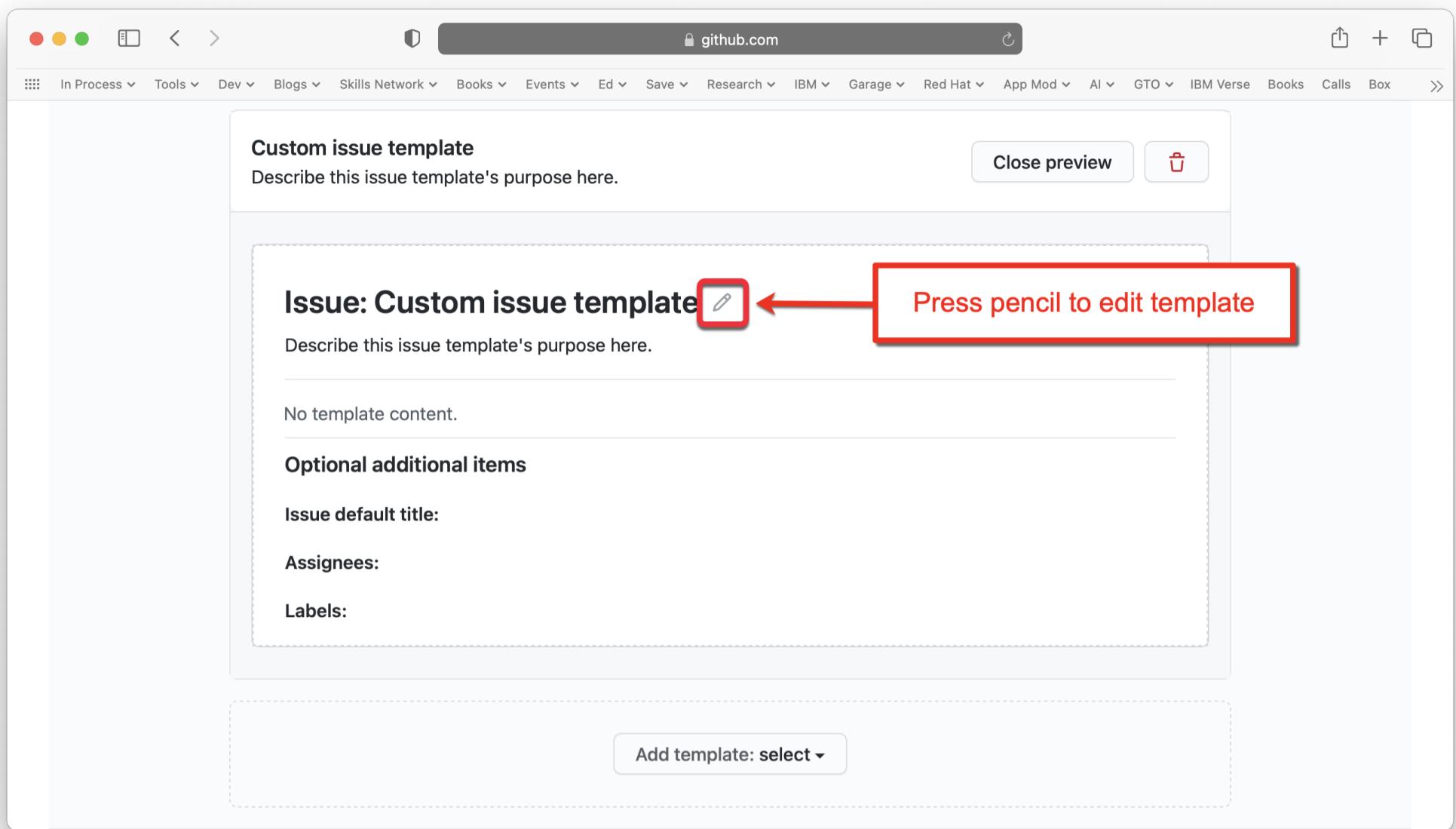
5. Next to the **Custom issue template** entry, press the **Preview and edit** button.

The screenshot shows the GitHub settings interface for the same repository. The "Custom issue template" section is visible, containing a description placeholder and a "Preview and edit" button. A red box labeled "Press the Preview and edit button" points to the "Preview and edit" button, which is also highlighted with a red border. A red arrow points from the text box to the button.

Custom issue template
Describe this issue template's purpose here.

Preview and edit Delete

6. Press the pencil icon to edit the template.



7. Copy the following markdown for the story template content:

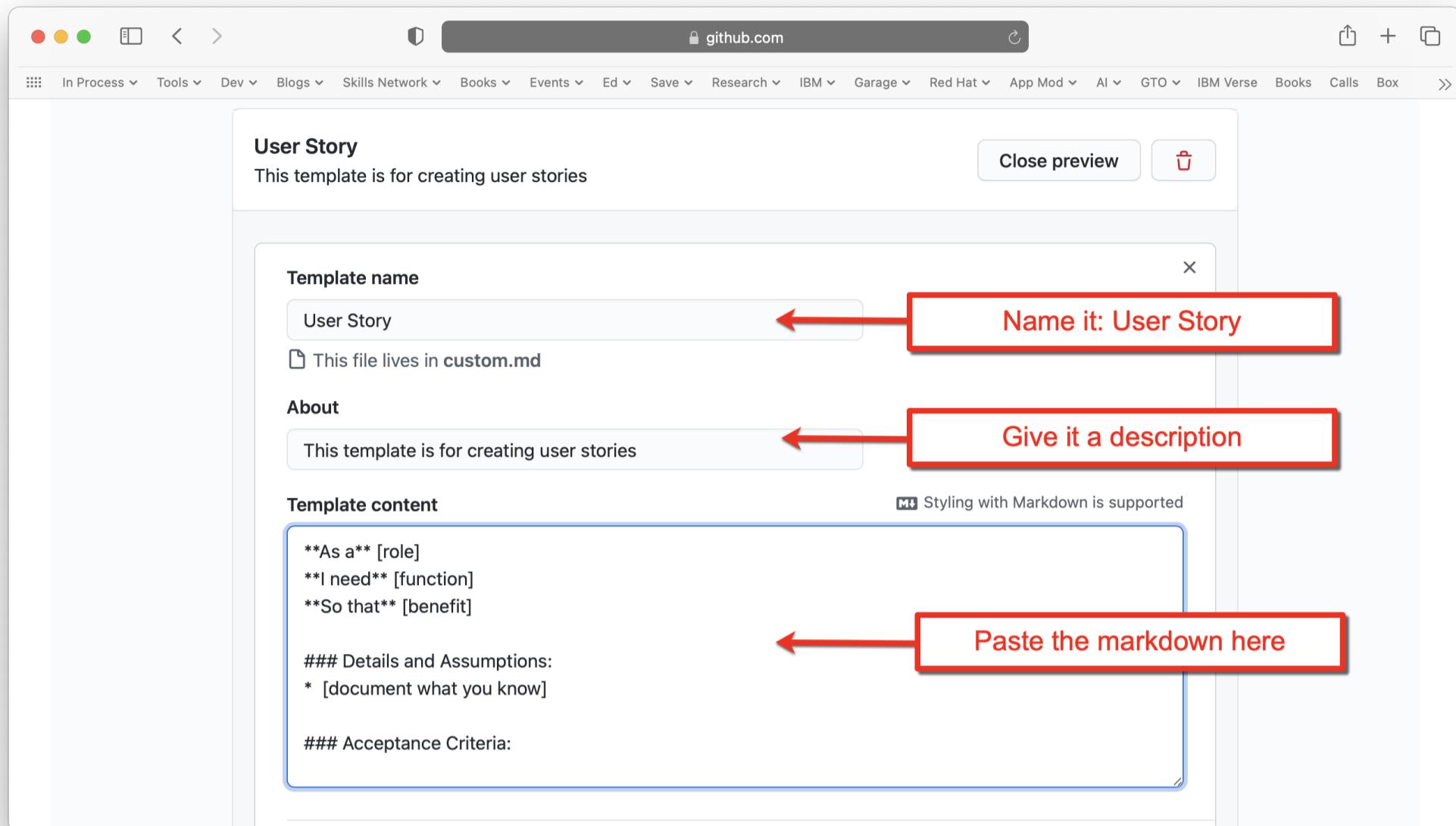
```
**As a** [role]
**I need** [function]
**So that** [benefit]

### Details and Assumptions
* [document what you know]

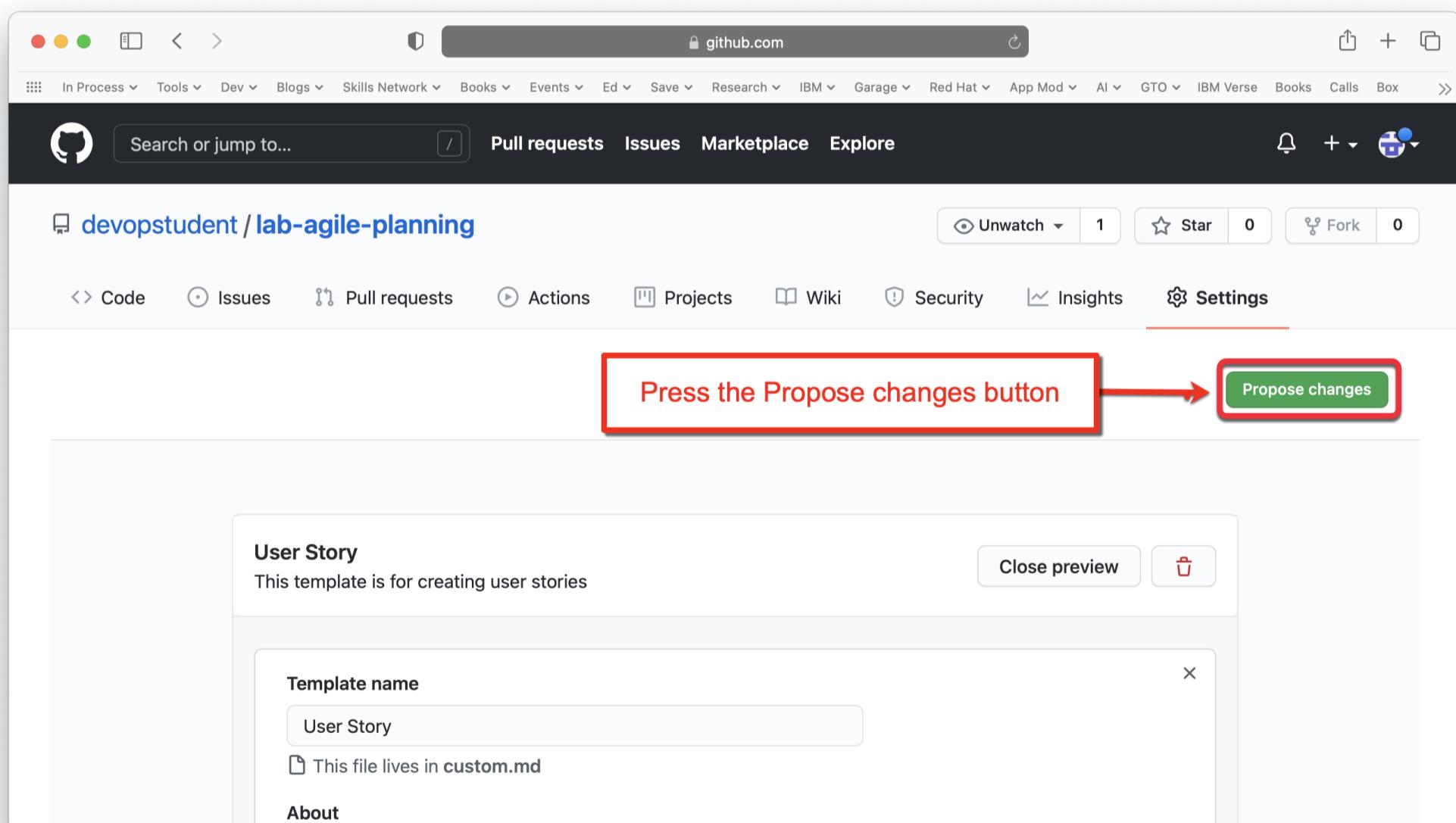
### Acceptance Criteria

``gherkin
Given [some context]
When [certain action is taken]
Then [the outcome of action is observed]
``
```

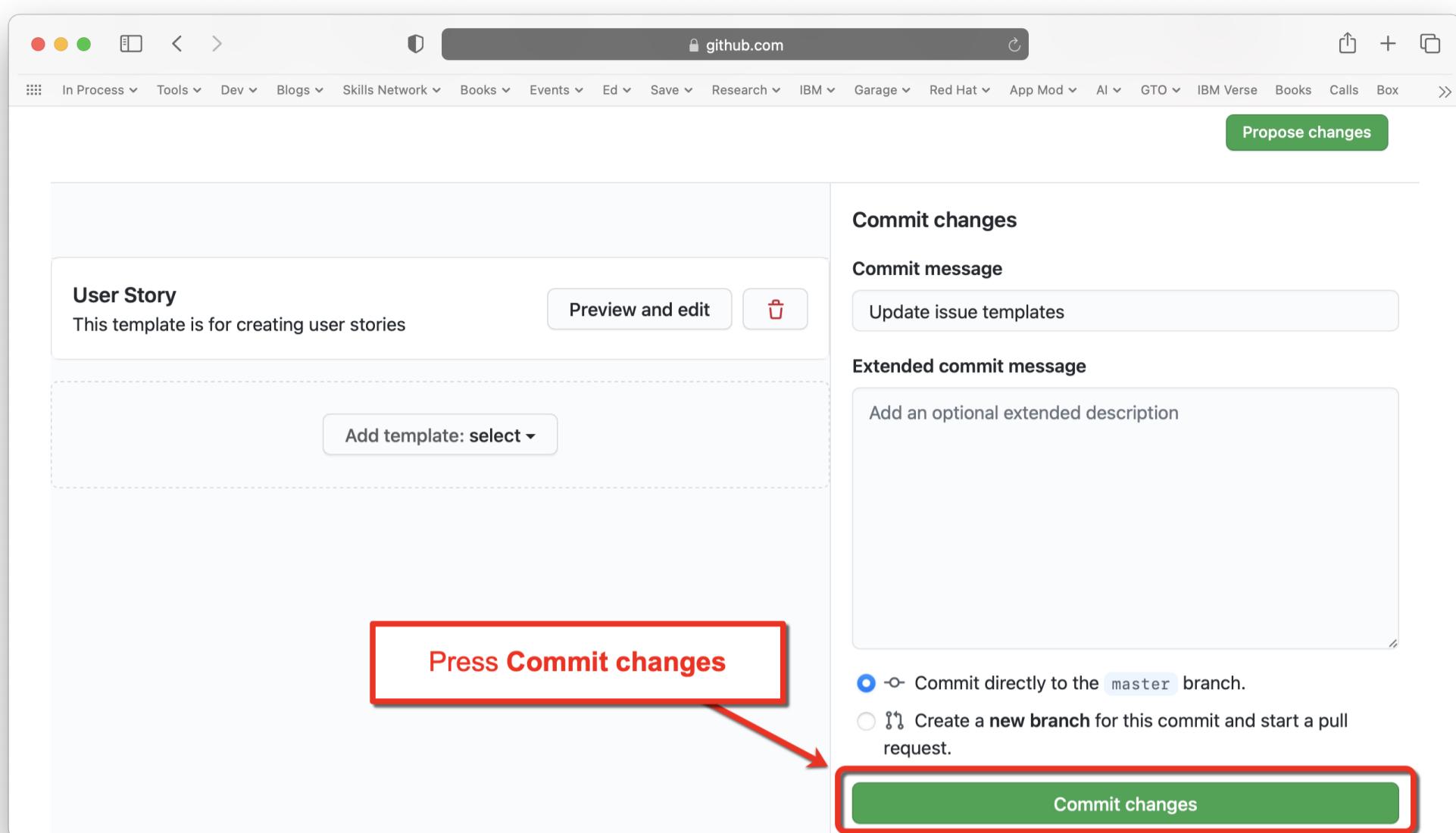
8. Edit the **Template name** to be: **User Story**, give it an appropriate **description**, and paste the contents of the above markdown into the **Template content**



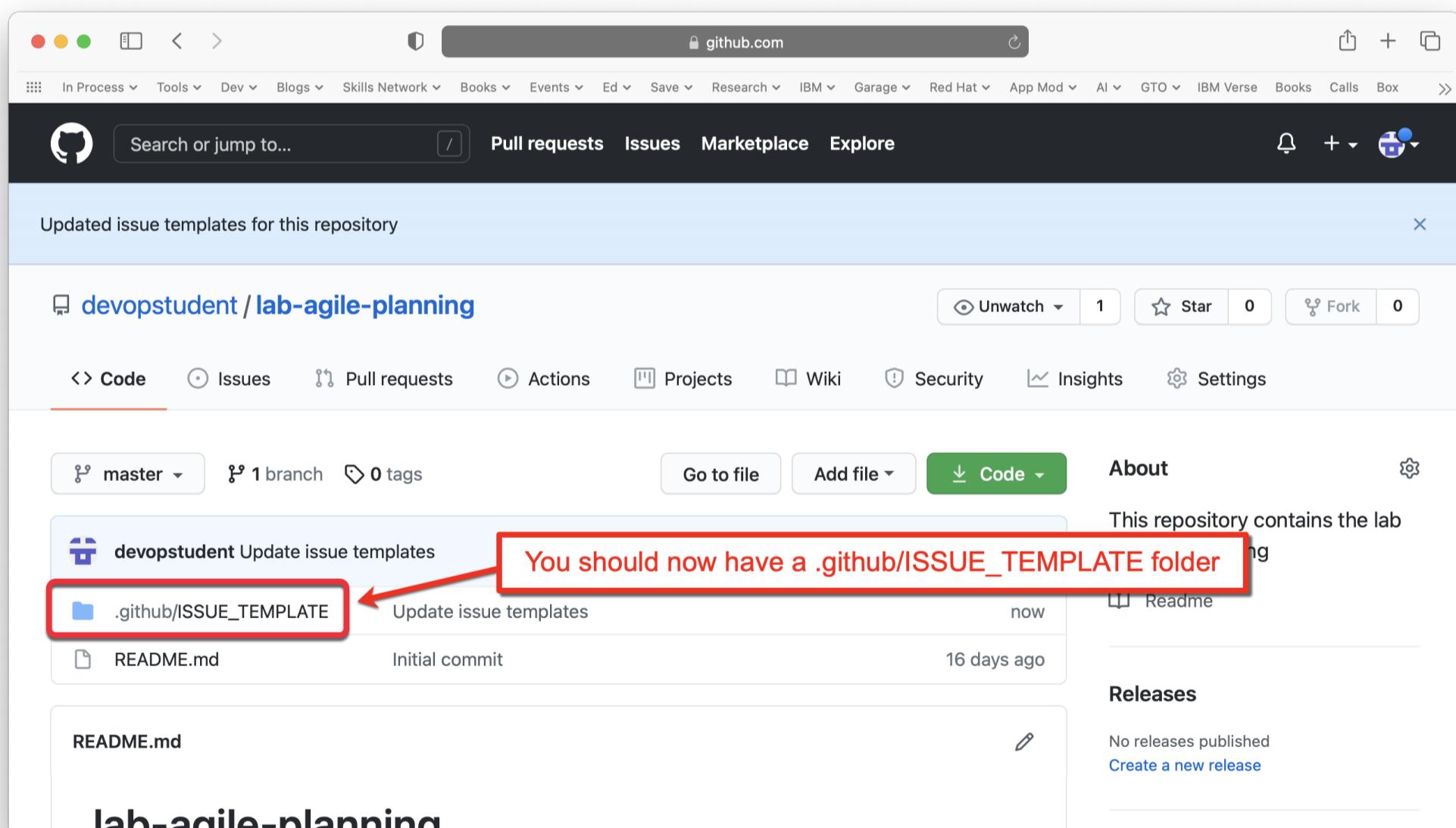
9. Scroll to the top of the page and press the **Propose changes** button.



10. Press the **Commit changes** button to commit the change to your repository.



11. You should now have a new folder in your repository called `.github/ISSUE_TEMPLATE`, which will contain your new user story template.



Summary

You now have an issue template that you can use for all of your GitHub repositories that you need to write stories for to use in ZenHub. When we create issues in future labs, this template will guide you through what information is needed to create your user story.

Author(s)

[John Rofrano](#)

Changelog

Date	Version	Changed by	Change Description
2021-08-05	0.1	John Rofrano	Initial version created

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