

SCDF X IBM Lifesavers' Innovation Challenge: Call for Code 2020

GitHub Submission Criteria

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Tutorial on GitHub (for Beginners)

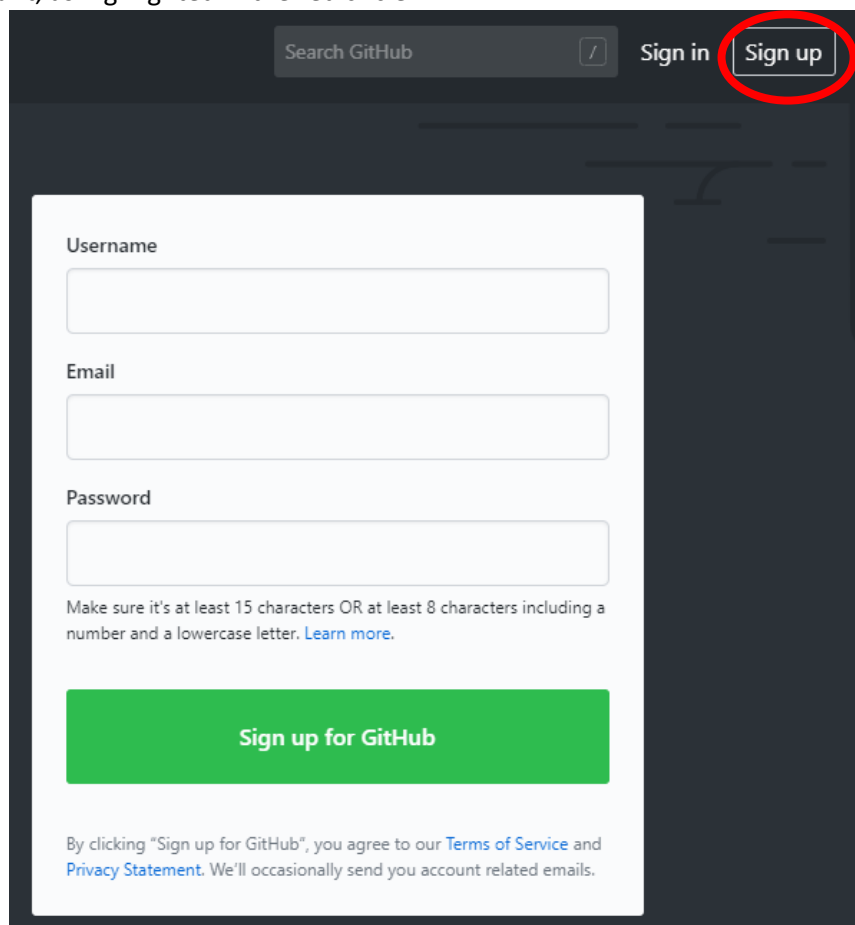
To begin, GitHub is a Git repository hosting service, but it adds many of its own features. You may think of GitHub as a huge storage base where you can store your codes and related files.

The following sections will cover the basic setup of your team's GitHub repository where you can store all your materials for submission. If you are experienced in using GitHub, do feel free to skip to "[Materials to Submit](#)" section.

Getting started on GitHub

The following section will give you step-by-step detailed instructions to set up your team's GitHub repository:

- 1) Click on the link: <https://github.com/>
- 2) After entering GitHub's website, click on "Sign Up" on the top right corner to sign up for an account, as highlighted in the red circle.



The screenshot shows the GitHub homepage with a dark theme. At the top, there is a search bar and navigation links for 'Sign in' and 'Sign up'. The 'Sign up' link is circled in red. Below the navigation bar, the sign-up form is displayed with the following fields:

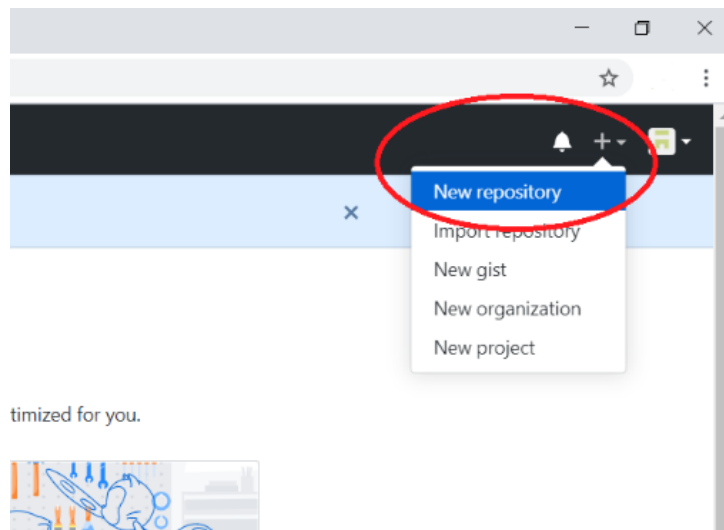
- Username**: A text input field.
- Email**: A text input field.
- Password**: A text input field with a note: "Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter. [Learn more.](#)"

At the bottom of the form is a large green button labeled "Sign up for GitHub". Below the button, there is a disclaimer: "By clicking 'Sign up for GitHub', you agree to our [Terms of Service](#) and [Privacy Statement](#). We'll occasionally send you account related emails."

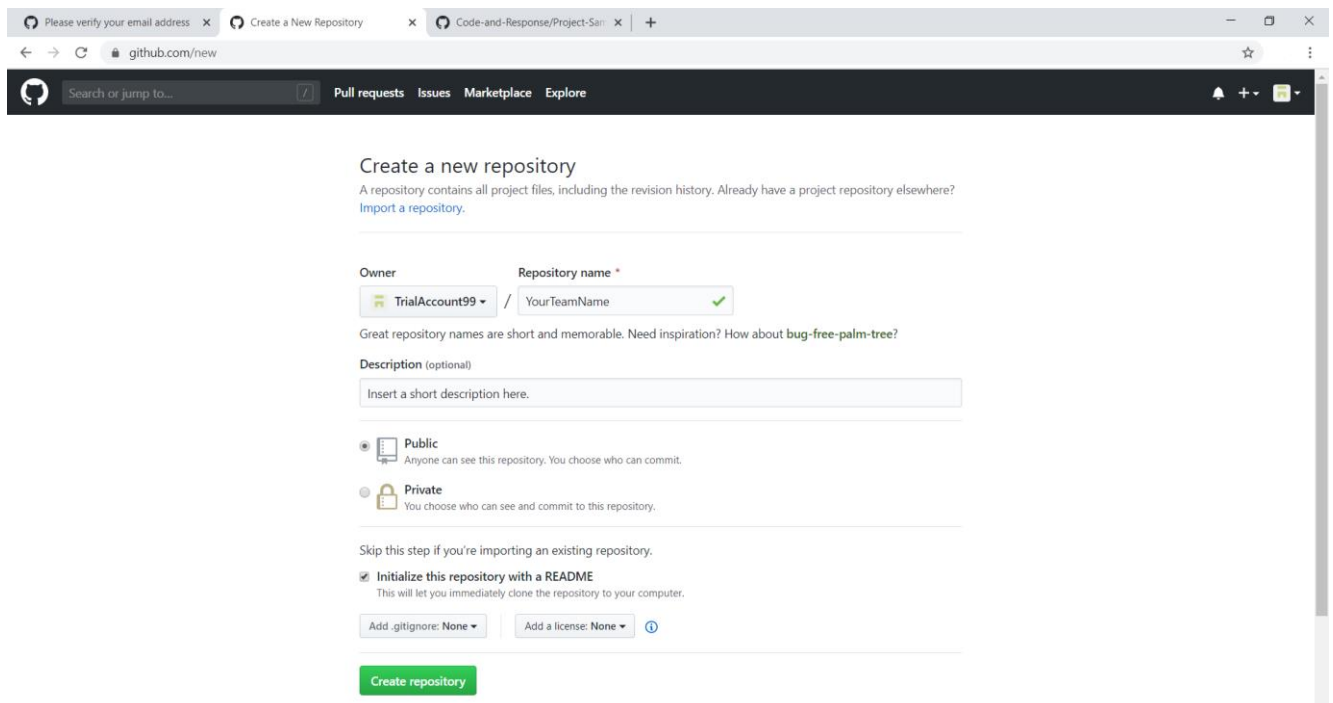
- 3) Key in your details and follow the steps to create your account
- 4) After creating your account, login to your email to verify the account you have just created.

Creating a Repository for your team

- 1) Click on the “+” sign on the top right hand corner to drop down more options, and click on “New Repository”.



- 2) Fill in the details accordingly:
Repository Name: Please enter your team name
Description: Enter a short description of your team
Ensure that you select “**Public**” for us to review your materials
Tick the “Initialize this repository with a README” option

A screenshot of the 'Create a new repository' page on GitHub. The page title is 'Create a new repository'. Below the title, it says 'A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)'. The form has two main sections. The first section has 'Owner' (a dropdown menu showing 'TrialAccount99') and 'Repository name' (a text input field with 'YourTeamName' and a green checkmark). Below this, it says 'Great repository names are short and memorable. Need inspiration? How about [bug-free-palm-tree?](#)'. The second section is 'Description (optional)' with a text input field containing 'Insert a short description here.'. Below the description field, there are two radio button options: 'Public' (selected) and 'Private'. The 'Public' option has a subtext: 'Anyone can see this repository. You choose who can commit.'. The 'Private' option has a subtext: 'You choose who can see and commit to this repository.'. Below these options, it says 'Skip this step if you're importing an existing repository.'. There is a checked checkbox for 'Initialize this repository with a README' with a subtext: 'This will let you immediately clone the repository to your computer.'. At the bottom, there are two dropdown menus: 'Add .gitignore: None' and 'Add a license: None', followed by a green 'Create repository' button.

Editing the README.md

For more information about customising your Markdown (.md files), check out:

<https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet>

Uploading your materials to your Repository

Materials to Submit

After completing your project, you will have to upload several materials on to your team's repository. Do ensure that your team's name is reflected on your repository. These are the materials you will have to submit:

- 1) README.md
- 2)

Sample Project Repository

To view a sample project repository, you may visit this link:

<https://github.com/Code-and-Response/Project-Sample>

If you're more experienced and require more than 1 repository, you may want to consider arranging your materials like this: