#BuildForSDG Cohort-1 Assessment

> See this Google Drive for guides, including videos on how to setup your project, take the challenges, and submit your work.

Project Setup [Updated April 10th - Please Review]

If You Already Started The Assessment, Or Started Before 2pm WAT, April 10th

1. On your developer machine, open your assessment project in your code editor and locate the `.github` folder. Delete the `actions` folder within it, but leave the `workflows` folder intact.

2. From one of the links below, copy the entire contents of the workflow file for the language you are coding on. Paste the copied contents into the `gradr.yml` file in the `./github/workflows` folder of your project:

   - JavaScript => covid-19-estimator-js/.github/workflows/gradr.yml
   - Python => covid-19-estimator-py/.github/workflows/gradr.yml
   - PHP => covid-19-estimator-php/.github/workflows/gradr.yml

If You Are Just Starting The Assessment, Or Started After 2pm WAT, April 10th

1. There is a template repo for the languages we support in this assessment. See the below breakdown and click on one of the language links:

   - JavaScript => covid-19-estimator-js
   - Python => covid-19-estimator-py
   - PHP => covid-19-estimator-php

2. Once in the repo for your language of choice, you are to clone the repo by clicking on the green `use this template` button. **DO NOT** use the `clone`, `download`, or `fork` button. During the cloning process, feel free to give your repo a name of your choice but make sure it is left as a **public** repository. Changing it to be a private repo will break your setup for this assessment.

3. Go ahead and clone your repo into your developer machine, `cd` into the repo folder and create a new branch, e.g a branch called `assessment`. You will be doing the assessment in this new branch. **DO NOT WRITE YOUR CODE IN THE MASTER BRANCH**, because you won't be able to submit your work for that challenge.

4. Once in the assessment branch and before you start working on the challenges, run `yarn install` or `npm install`, depending on which one of them you have installed.

5. You are now fully setup and can begin coding the challenges, which we have fully documented here.

Submission Process

To submit your work for a given challenge, do the following:

- On your machine, make sure you are in the branch that has the code for the said challenge.

- Commit your changes and push them online to your repository.

- Go to your repository on GitHub and raise a Pull Request (PR for short) from your assessment branch to the master branch. If you've raised a PR before and just updting the code in it, you won't need to raise another PR.

- Be sure **to wait** for the automated check to run and either **passes or fails**. While they are running, you can click on the `Details` link to see more information, including what particualar tests / errors might be keeping you on a challenge

- Going ahead to merge into the master branch before the checks run or before they complete (by passing or failing), is the equivalent of not submitting your work for that challenge, in which case you might need to raise a new pull request or update the existing one.

- The tests for the frontend and backend challenges will run even if you only worked on one of them. Do not worry about tests **failing** for the challenge you **did not** take.