

# CS305: Software Engineering

## Homework Assignment 4 - CI Workflow

Due: 9/12/2020, 8 points

The objective of this assignment is to set up CI workflows in GitHub using GitHub Actions. To execute this assignment, you will work on your PA1, which was a team assignment that you executed earlier. *This is an individual assignment. You must create a branch from your PA1 assignment and work on the branch. Submission must be done from your individual GitHub ID.*

## 1 CI Workflow

Look at the slides and the code sample corresponding to GitHub Actions demo.

- Create a branch from PA1. Name the branch as `<your_GitHub_userID>branch`. To receive credit for this assignment, you must create a branch from PA1.
- Create a file called `ciworkflow.yaml` in a newly created `.github/workflows` folder structure of your branch.
- Add instructions to `ciworkflow.yaml` to execute the `build.sh` file that you created earlier. The workflow setup should successfully execute `build.sh`.

## 2 Git Setup and Submission

The Git setup and submission instructions remain the same for all assignments. Please follow the instructions mentioned earlier in PA0 setup to submit. There will not be a new link that lets you create a repository for this assignment.

### 2.1 What you need to submit?

An additional branch for PA1 repository containing the following files and the folder structure:

- `.github/workflows`
- `ciworkflow.yaml`

Tag your submission as `ha4submission`