Lab -1 Mahim Choudhury

Github repo: <https://github.com/BUMETCS673/project-team-4/tree/main>

Username: mahimcbu

After cloning the repo, I created a Lab-1 branch and then in my local machine’s terminal, I checked out to Lab-1. I created a team.md file and added my information in it. The processes can be found in the screenshots below:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

I have worked in github before where I was the only person worked on a repo as opposed to a group environment. So, this will be a challenge. When I cloned the repo my password wasn’t accepted. I had to google and realized that I have to generate a new personal token and use it in the password field. Other than that, the experience was smooth.

**List of Github features/commands/functionalities that I may use in future:**

* Git pull and merge:
  + After pushing the changes from one branch, I have to use git merge to merge the changes with the main branch and then use git pull to pull the latest main branch contents in my local repo.
* Git pull request:
  + Never used pull request before. But I understood some basics and it is used to do code reviews and then the team can approve the changes to be merged to the main branch.
* Git Actions:
  + Again, new to me but I understood it is used for CI/CD purpose. I am excited to learn more in future. I look forward to lean how to set up ci/cd in github using the github actions.