

CS 7610: Lab 2

- Name: Madhukara S Holla
- Email: sholla.m@northeastern.edu

Directory Structure

```
lab2/
├── src/
│   ├── main.go
│   ├── snapshot.go
│   ├── hostsfile.txt
│   └── go.mod
├── Dockerfile
├── Readme.md
├── Readme.pdf
├── report.pdf
└── docker-compose-testcase-*.yml
```

- `src/` contains the source code.
 - `src/main.go` contains the main function with token passing and connection setup.
 - `src/snapshot.go` contains the snapshot logic.
 - `src/hostsfile.txt` is the hosts file.
- `docker-compose-testcase-*.yml` docker compose file for running the containers for the testcases.
- `Dockerfile` is the Dockerfile to build the docker image.

Instructions to run the code

1. Open the terminal in the `lab2/` directory.
2. Build the docker image using the command `docker build -t prj2 .`
3. Run `docker compose -f <compose file> up` to bring up the containers and view the output in the terminal.