

## How to Obtain Source Code:

1. Visit <https://github.com/423S25/repo4>
2. Clone the repository to your local machine
  - a. Git clone <repo name>

## Planned Directory Structure:

```
Documentation
  Developer Doc
  User Doc
  UML
    UML documents
Site
  Design
    Images
    Styles
    Frameworks
  docs
    NextJS
    HTML
    Misc. Code
```

## How to Build:

- Install NextJS
  - Visit this documentation: <https://nextjs.org/docs/app/getting-started/installation>
- Instal Flask
  - Visit this documentation: <https://flask.palletsprojects.com/en/stable/installation/>
- Gain access as to the GitHub as a contributor
  - Speak to your superiors to be added
- Download Source code and begin

## How to Test:

- DO NOT push to Github before testing
- After saving your changes, access the website <https://hrdc.fly.dev/> via flask

- Test your feature against other areas they may affect
- Have team members review your changes
- Push afterwards

### Automated Build and Test:

1. Access project repository
2. Run automated test suite
  - a. Available through Github Actions tab
3. View passed/failed tests
  - a. Failed tests have error terminals that you can view

### How to Release a Version:

- Consult your PM
- After consulting, speak with your clients about the changes
  - Learn what they are satisfied/dissatisfied with
- Update documentation to reflect changes
- Push new version to Github
- (Optionally) Create blog release overviewing new features

### Bug Tracker

*Current Bugs will be tracked through Github Issues*

Bugs:

- Quick Links Inaccessible
- Profile Doesn't allow for privilege delegation
- Search bar inoperable (solved 3/3/25)

### Class Diagram

**Classes/Notes (HTML/CSS):**

nav-full-page: scaling of nav bar for page.

nav: nav bar content wrapper (isolates logo link left justify from other nav items).

navbar: holds other nav bar items (right justifies hamburger, profile, and other links).

navitems: links for other pages in nav bar, horizontal in desktop version >799px and <800 under hamburger dropdown menu for mobile scaling.

div: individual link for other pages.

hamburger: for smaller window sizes helps contain and access dropdown for navbar links (involves some simple Java Script).

profile: will connect to profile and login

