WebAdmins Recruitment Mini Project

Create a full-stack web application which allows **users** to manage **issues**.

Deadline: 24th September, 23:59

Resources to manage

- USER:
    - Should be allowed to login using IIIT CAS, https://login.iiit.ac.in
    - Should have a role, one of {ADMIN, EDITOR, VIEWER}
        - VIEWERs can see the issues
        - EDITORs can modify the state of the issues + the above
        - ADMINs can change the role of other users + the above
    - Default role of user on sign in should be VIEWER. Keep a hard-coded admin account to kick-off the whole process (To simplify things you may use CAS for admin login as well, and hard-code to give your own account the admin role)
- ISSUE:
    - Should have a title and a description.
    - Should have a list of assignees (one of the USERs).
    - Should have zero or more tags. Tags are basically strings, exactly like labels on GitHub issues.
    - Should have a state, one of {OPEN, ASSIGNED, FIXED, ABANDONED}
        - OPEN will be the default state of the issues
        - ASSIGNED means that the issue was assigned to one of the users. Note that an issue **cannot** be assigned to a user with the role VIEWER
        - FIXED means that the issue has been fixed
        - ABANDONED means that the issue will not be fixed

Deployment

- Deploy the application on your local machine using a dedicated web server (preferably nginx)

Expected features

- A decent frontend to view USERs and ISSUEs with their various properties.
- Filtering USERs and ISSUEs based on some of the useful properties they might have.
- USERs with a role of EDITOR or above should be able to create, modify and delete ISSUEs. They can edit the tags, assignees and the state.

Other notes

- You are free to use any framework of your choice. Please try to follow best practices wherever possible.

- Please use git for keeping track of the changes you make.
- For submission, push your git repository to https://gitlab.iiit.ac.in (you'll need to connect to VPN to access it) and give developer access to the following accounts:
    - `yoogottam.khandelwal`
    - `zubair.abid`
    - `siva.subrahamanyam`
    - `shaunak.badani`
- The evaluation will be conducted over Teams. Details will be released soon.