**Frontend**

**AuthModule**

**Login Page**:

User login = params(emal,password)

**Signup**:

User Signup= params(emal,password,phone,firstName,lastName,password)

**Home container/home-component**

It is the parent container for dashboard,search-issue,create-issue and edit-issue/description.

**Dashboard-componet**:All the issue assigned to him will appear here.On clicking this issue the whole edit issue view will open with description.pagination is there with 20 issues in each page

**Edit-issue/description**:On this page any user can make any changes in the issue,remove the issue,add comment,remove comment.

**Search-issue**:On this page user could search for an issue.status,reported-by and status will be the search result of backend and startdate and enddate are angular filter which is situated in shared module name start-date-filter and end-date-filter

**Report-issue:**here Issue will be created by the user and assigned to some other user/himself with title,description.

Notification is configured in home.component,it will appear whenever any issue followed by the user is updated as a info toast and a list of notification will appear on clicking right hamburger icon,on clicking any of the notification corresponding issue will open.

All api calls are made through app.service.ts.

Frontend link: <https://github.com/ojhakash/issuetrack>

**Backend**:

**Models(for defining schemas)**:Comment,Issue,User,Watcher,Notification

**Controllers(for operations)**: Comment,Issue,User,Watcher,Notification

**Routes**: Comment,Issue,User,Watcher,Notification

Models and Routes are bootstrapped at the start of the index.js file

For notification I’m using a socket with an event listener which is triggered whenever an issue is edited/removed or a comment is added to the particular issue.All the watcher will get the notification.

For authentication I’m using jwttoken and for password encryption bcrypt.

Full api description can be found in the backend repository in “apidocs” folder.

Backend link: <https://github.com/ojhakash/issue-tracking-backend>

App-link: <http://ec2-34-207-99-161.compute-1.amazonaws.com/app/>

All mongodb service,node-server with pm2,angular are running in the same ec2 instant.

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