Git Notes - Intermediate Level

Description

Why Gists are so popular? In open source community you want to create content & share it with people. With Gists you can create public content, code fragment, configuration files. You can share it with people, search it on Github, save it to your profile & much more. In this assignment you are going to provide a better solution for Managing Gists.

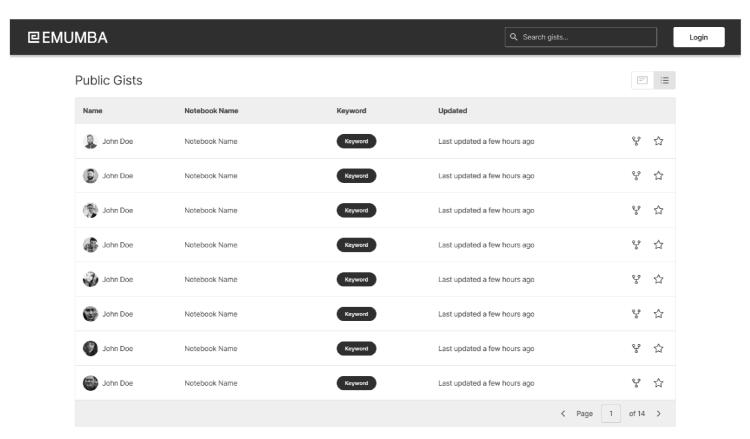
Mockups

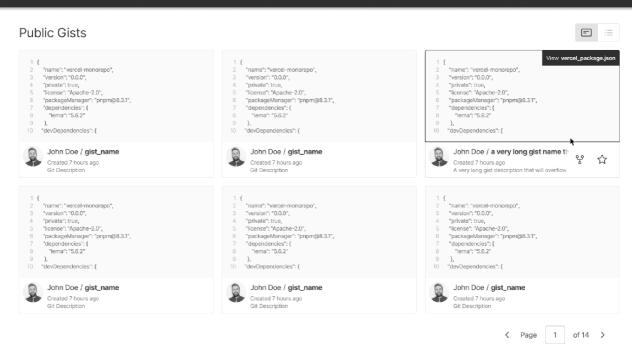
Tap into the Figma link for a comprehensive view of project mockups and UI design.

Requirements

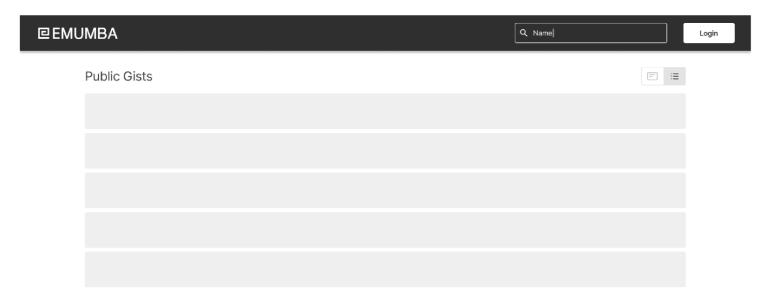
The Landing Page

- As user open the app, user should be able to see landing screen with a list of Gists in it.
- List will contain paginated public gists from github api.
 - List Layout





- Use the toggle to Switch Between the Layouts
- Page will also contain a header with
 - Login menu for login with github
 - Search for searching a Gist using ID



Login Page

- Once user click login menu, it will allow the user to login using github.
 - Maintain user session
- Once logged in, header will contain profile menu with picture of user.







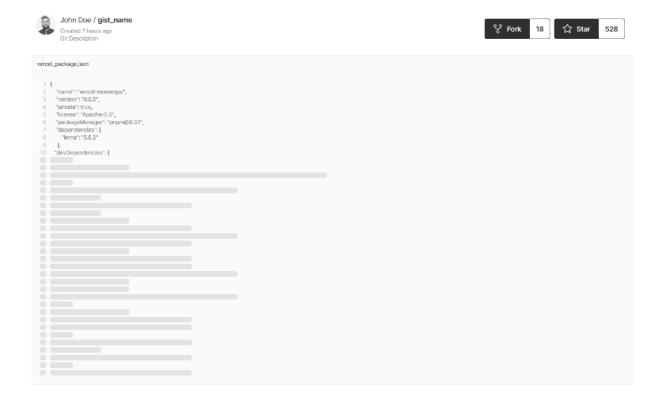
Public Gists	

Gist Page

- Once user click any Gist from landing page, it will redirect to Gist page
- For a Public Gist page will
 - Contain the information of the Gist with owner's informations
 - Allow user to give star
 - Allow user to fork that Gist
 - If the user hasn't logged in yet,user shouldn't be allowed to fork and star gist.

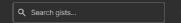




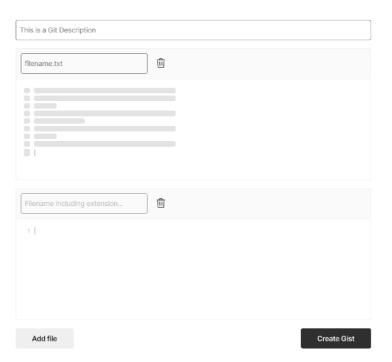


Create Gist

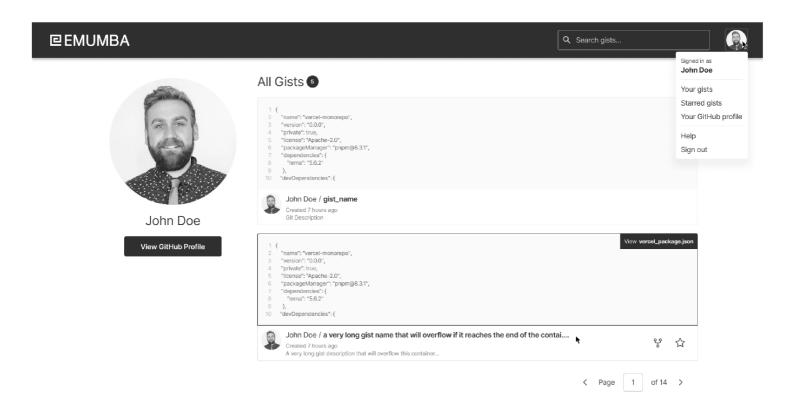
- Profile menu will have
 - Create Submenu for creating a Gist
 - A gist can have multiple files. The Add File button will add a single file to your gist when clicked on.
 - Once all the files are added, clicking on Create Gist will create your new gist with the added files



Create Gist



- Logout Submenu for Singing out of Github
- User Profile Submenu for User Profile & user's Gists
- Starred gists Submenu to view the user's starred gists.



Important Points

- Follow docs https://docs.github.com/en/rest/reference/gists for Gist Api Documentation...
- Everything must be live e.g,if you star some gist . It should be visible in starred gists.
- Dont allow any gist operation(star,fork) untill user hasn't logged in.
- If your open starred gists, the star icon should be filled.
- If you open public Gist, edit and delete option shouldn't be visible.

How to Set Up GitHub OAuth with Firebase

GitHub OAuth Steps:

- 1. Create a Firebase Account.
- 2. Create a new Firebase project.
- 3. Go to the projects console and select Authentication.
- 4. In Sign-In providers choose GitHub.
- 5. Provide the Client ID and Client Secret you got from GitHub.
- 6. Go to your GitHub app config and provide the callback URL which is provided by Firebase.
- 7. Install Firebase package.

npm i firebase

8. Add the Firebase configuration details (API keys, project ID, etc.) to the environment file in your Angular project..

Coding Guidelines

- Create generic component and then use it on different pages e.g, Gist Code Component (where gist code is shown) should be reusable in Grid View and also on different routes.
- You have to set error boundries for every case.