

# Algo

- Initialize Arrays:
  - roles array for storing role details.
  - url\_permissions array for storing URL permissions for each role.
  - url\_requests array for storing URL requests from users.
- Check URL Permissions for Each Role:
  - Iterate through each role in the 'roles' array.
  - For each role, iterate through 'url\_permissions' to find URLs associated with that role.
  - Check if URL requests match any of the URLs in the permissions.
  - If a match is found, check user authentication.
  - If authenticated, allow access to the requested URL; otherwise, prompt the user to log in.
- Authentication and Access Control:
  - Define methods like isAuthenticated(), allowAccess(url), and promptLogin() based on authentication logic.
- Repeat for Each URL Request:
  - The process is repeated for each URL request in the 'url\_requests' array.