Create a To-Do application. Once completed, commit code to GitHub account in a public repository and share link with us.

Tech Stack - use latest version

HTML/CSS/AJAX/Angular/React

Any Server-side and Any Database

Requirements - 2 roles - user and admin.

User features

Sign Up using email, first name last name, gender, date of birth and password. Validations to be applied - valid email, age has to be 18 years +, email has to be confirmed by sending a link or activation code and password should have 1 upper case, 1 lower case, and a number in it.

Login using email and password. If account doesn’t exist or is not confirmed or deactivated by admin, suitable messages to be displayed.

Upon login, user can see the current set of tasks. User can mark one or more tasks complete.

User can also add new task or edit existing ones. New task form will have Task title and description.

Sign out.

Admin features

Be able to see and manage list of users including option to activate and deactivate

Show simple reports (graphs) of no of new users who have registered in last 7 days, no of active users in last 7 days, total no of tasks of all users in last 7 days.

Note

Sessions should be handled properly and unauthorized access not allowed e.g. user shouldn’t be able to access admin screens or logged out user shouldn’t access user screens.

Setup SonarLint for the project and follow proper coding standards.

Add relevant comments in the code.