

Machine test

Technical requirements

1. DB :: My Sql
2. Frontend :: Angular 8
3. Backend :: Node.js
4. Admin:: It will be Single Page application as soon as the user is registered then without reloading the page user will reflect on the admin Panel.

Design: Do not focus on the design just focus on the functionality to be implemented you can use basic design in desired technology

Types of user:

1. Admin (Default user need to be created in the admin)
2. User (Need to register via front end)

User functionality:

1. User can register via filling up the following fields
 - Full Name
 - Email
 - Password
 - Dob (DD-MM-YYYY)
 - Designation
- Note::**
- Unless the admin approves the registration user cannot login
 - All fields validations need to be there
2. User can login by user id and password
 3. User can see all the To do task in the list assigned by the admin
 4. User can make the status
 - a. Mark in progress
 - b. Mark completed

Optional thing to do (if done this will give extra advantage and can also be deciding factor)

User can do drag and drop task from To do → In Progress → Completed and the status will change

Admin Functionality:

1. Admin can see list of user able to add/edit/delete/approved
2. When admin approved user then user can login
3. Admin can Create add/edit/delete task
4. Admin see listing of tasks current status To-do/in progress/completed and to whom the task is assigned to.
5. Admin can assign task in to user

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Sample Design:

