

Hello, dear candidate,

before starting the test, keep a few things in mind, please. Code cleanliness and functionality are more important than appearance, so we recommend using the Prime NG framework to help you out with the design.

- 1- Install a new version of Angular
- 2- Add Ngrx to your project.
- 3- Please get the user data from this URL <https://dummyjson.com/users>. (use with VPN)
- 4- Create a simple table with the following fields:
 - firstName, lastName, age, gender, email, phone, eyeColor, and birthdate.
- 5- At the top of the table add a search input to search on both user firstName and lastName
- 6- At the top of the table add a filter button that opens a sidebar that includes the following part as a filter:
 - **Gender**
 - for the gender filter put three check boxes "female, male, and others and I prefer not to say".
 - Note that the conditions between these checkboxes are "or" and the user can filter one or more genders at the same time.
 - **Age**
 - for the **age** filter put a dropdown with "equal, greater, and smaller" options along with input so that the user can filter users by entering a number and choosing one of the age options.
 - **Eye color**
 - to display the **eye color** filter, display all the eye colors in the information obtained by the API (non-repetitive) in the checkbox, and like the gender field, the user can select and filter one or more options at the same time.
 - **Birth date**
 - Use a calendar so that the user can filter the date of birth, note that the user must be able to use a range of dates in the calendar.
- 7- When the user sets the filter, store the data in the store and fetch and apply the data in the list module.

Best Regards