

# Angular Technical Exam

**Direction:** Create a simple web app using Angular with provided API endpoints below. You have 3 hours to complete this.

**BEFORE YOU START:** The API endpoint below are FREE and for testing purpose only. Method such as POST, PUT, PATCH and DELETE will return the result and status code needed but will not delete the data.

## Front-end

### Anyone can access these:

- / - Display list of Posts
- /posts/{id} – Display the title and body of post
- /account/login – Login form
  - There should be Email input field
    - If email does not exist from the API endpoint <https://jsonplaceholder.typicode.com/users> will trigger validation error email does not exist
  - There should be Password input field
    - Since there's no password in the /users endpoint, I can enter anything
    - If password field is empty will trigger validation error required
  - There should but Login submit button field
    - If email exist and password field are not empty – A random token will be generated and saved in Brower's cookie

### Authorized user can only access these

- /account – Will display "Welcome {name}!"
- /account/posts – Shows list of posts associated with authenticated user in Table
  - There should be Create link and when clicked, will be sent to /account/post/create without reloading the page
  - There should be Edit link and when clicked, will be sent to /account/post/update without reloading the page
  - There should be Delete link and when clicked, the post will be removed from the list without reloading the page
  - There should be View link and when clicked, will be sent to /posts/{id} without reloading the page
- /account/posts/create – Form with Title and Body/Content fields
  - If title field is empty, trigger validation error required
  - If body field is empty, trigger validation error required
- /account/posts/update – Form with Title and Body/Content fields
  - If title field is empty, trigger validation error required
  - If body field is empty, trigger validation error required

## API endpoint's

### USERS

- [GET] Retrieve a user with given {id}:
  - <https://jsonplaceholder.typicode.com/users/{id}>

### POSTS

#### Anyone can see these:

- [GET] Get posts list:
  - <https://jsonplaceholder.typicode.com/posts>

- [GET] Retrieve post with given **{id}**:
  - <https://jsonplaceholder.typicode.com/posts/{id}>

**Authorized user can only do these:**

- [POST] Create new post:
  - <https://jsonplaceholder.typicode.com/posts>
- [PUT] Edit post with given **{id}**:
  - <https://jsonplaceholder.typicode.com/posts/{id}>
- [PATCH] Partially modify post attributes with given **{id}**:
  - <https://jsonplaceholder.typicode.com/posts/{id}>
- [DELETE] Delete post with given **{id}**:
  - <https://jsonplaceholder.typicode.com/posts/{id}>