Event Management Application

Writeup

Steps

1. Create an Angular application using the Angular CLI.

2. Create a json database db.json with employee details and admin credentials along with admin logged in status.

3. Provide a configuration TS file in the application folder to have access to the json db.

4. Start the json server.

5. Create components – Home and Employees and service – AdminOperations

6. Use HttpClient object to perform CRUD operations.

7. Set up the Angular router for navigation

8. Create a navigation bar with links for home, employee management and logout operations.

9. Show/hide the navigation bar links based on the admin's logged in status obtained from the json db.

10. Install and Use Bootstrap for styling and responsiveness.

11. Install jquery and add required script links in the angular.json file to ensure responsiveness and drop down features of navigation bar.

12. Associate the starting page with admin login form.

13. Provide ways to check admin credentials and upon a successful match, enable the navigation bar links and redirect to admin Home page.

14. Once the admin logs in, update the status of admin loggedIn as true.

15. On Home, provide option for the admin to change password and update the same in the json db.

16. Once the admin clicks Employees, show the list of employees.

17. Provide an option to Add New Employee on the Employees page.

18. After adding an employee, display a message showing successful adding of details and display the updated list of employees.

19. Provide an option to search employee by ID.

20. After each employee, provide an option to view employee details.

21. Display the Employee ID, First Name, Last Name and Email ID.

22. Provide options to show list of employees, update employee details and delete employee.

23. Upon successful update/ delete operation, display the corresponding update message and display the list of employees.

24. Once the admin clicks on logout, change the admin loggedIn status as false in the json db and redirect to the admin login form.

25. Provide conditions to check admin loggedIn status and prevent access to page contents (when someone tries to access by entering the path manually in the browser) if the admin is not logged in.

26. Stop the json and angular servers after performing all the operations.