

NUR ATIKAH BINTI KHALIP: TASK ANGULAR TYPESCRIPT

Source code URL: [https://github.com/nuratikahlip/test\\_angular\\_typescript.git](https://github.com/nuratikahlip/test_angular_typescript.git)

## ## Description

This is a dynamic dashboard website built with Angular. The application provides a clean and user-friendly interface with a navigation bar, weather widget, recent activities section, and a responsive logout feature.

## ## Features:

- Login Page: User authentication form with basic input validation.
- Dashboard Page: Displays widgets, recent activities, and a main content area with charts and weather data.
- Navigation Bar: A sidebar for easy navigation to various sections of the website.
- Weather Widget: Displays the weather forecast for different days of the week.
- Logout Functionality: Logs out the user and redirects them to the login page.

## ## 1. Login Page

The login page is the first point of interaction with the website. Users are prompted to enter their credentials (username/email and password). The page contains:

- Username field: Allows the user to enter their username.
- Email field: Allows the user to enter their email address.
- Password field: Securely hides the password input.
- Confirm Password field: Securely hides the password input.
- Login button: Submits the form and attempts to authenticate the user.
- Validation: Simple client-side validation ensures that the fields are not empty, follow the criteria and password and confirm the password must have the same input.

### \*\*Steps\*\*:

1. Enter valid username, email, password and confirm password.
2. Click the Login button to proceed to the dashboard page.

## ## 2. Dashboard Page

The dashboard is the main page that users see after logging in. It is divided into three main sections:

- Left Sidebar (Navbar): Contains links to navigate to various sections such as:
  - Weather
  - Charts
  - Courses
  - Settings
  - Logout
- Main Content Area: The center of the dashboard that displays widgets and charts:

- Weather Widget: Shows weather conditions and temperatures for the upcoming days (Cloudy, Sunny, Rainy, Snowy).
- Chart Section: A placeholder for future data visualization, such as displaying user statistics or activity charts.

- Right Sidebar: Contains recent activities and updates.
- Shows recent posts or updates related to the user or the web.

Dashboard Layout:

- Left Navbar: On the left side, providing easy navigation.
- Center Section: Displays weather widgets and charts.
- Right Sidebar: Displays recent activity feed, showing the user's activities or the web updates.

### **## 3. Main Content**

The main content section contains the following components:

- Weather Widget: Displays the weather for several days, showing conditions like Cloudy, Sunny, Rainy, and Snowy. Each card includes:
  - A weather condition icon (☁️, ☀️, 🌧️, ❄️)
  - The temperature (e.g., 20°)
  - The date and day of the week (e.g., "August 16, Monday")
- Chart Section: Placeholder for adding charts in the future, such as user activity statistics or data visualizations.

### **## 4. Logout**

The logout button is placed at the top of the navbar for easy access. When clicked:

- The user is logged out of the web.
- The user is redirected to the login page.