PassportJS Task

Objective:

The objective of this task is to guide freshers through the process of implementing user authentication, registration, details & logout page in an Express.js application. The application will use a mongodb as database to store user information. This task will cover setting up the Express.js project, creating routes for registration, login, logout, user's list and authentication using passportjs, handling HTTP methods, and implementing middleware for authentication.

Requirements:

- User Registration Page:

  - Create a route for user registration with name, email and password.
  - Validate the user input and ensure all necessary fields are provided.
  - Encrypt password.
  - Save the user information in a database.
  - Return appropriate response.
  - Redirect to login page

- User Login Page:

  - Create a route for user login.
  - Implement logic to authenticate user in database using username and password using passport
  - Return appropriate responses on invalid details redirect to login page, of valid details redirect to home page.

- Home page:

- Create a route home page.
- This page only accessible after login only, if without login we try to access in this case it should redirect to login page.
- Give list of registered user in this page in table
- Give one logout button in this page

- User Logout:

- Create a route for user logout.
- After logout user should not be able to access home page
- After logout redirect to login page

Note: You have to use connect-flesh npm package to show a flash message for login failed.

Deliverables:

- Each section of the code should be well-commented to explain the purpose and functionality.

- Ensure that the code runs without errors and produces the expected output when executed.

Additional Notes:

- Test the code thoroughly to ensure all functionalities are working as expected.

- Provide clear documentation within the code for each implemented feature.