Assignment for the (Senior) Software Development Engineer in Test

Our objective is to create test cases and build a test automation suite that will validate functional requirements of the web app named PMTool. You can access this web app through https://node-fs-app.herokuapp.com/.

Acceptance Criteria

- New users should be able to create an account giving name, email and password and optionally company and address.
- Users should be able to Add / Edit / View / Delete projects.
- Users should be able to Add / Edit / View / Delete tasks for a specific project.
- Users should be able to move tasks to different status(es) through drag and drop.
- Users should be able to view all tasks belonging to their projects in TaskDB, and also to perform searching and sorting on these tasks.
- Users can validate / modify their personal details in the Settings tab.
- There are proper validation messages in case of missing required fields during creation/ update of user / project / task.

Deliverables

The final deliverable should contain:

- Test Scenarios that will test e2e the PMTool application.
- Test Cases that will validate each requirement and determine whether the application is working as it was specified. We expect you to include positive as well as negative test cases.
- Automated Test scripts for the test cases you decide that need to be automated. You are allowed to use a programming language of your choice.
- Instructions on how to execute your automated tests.

Notes: You are only required to test UI elements and interactions.