**Testing Focus:**

**Element Behavior Testing**: Verify the behavior of different elements, such as:

a. Check the title of the page.

b. Validate user-related information display.

c. Test button functionalities, like opening pop-up boxes or new windows.

d. Ensure smooth user input in editable fields (if applicable).

**API Testing**: Evaluate how data flows in the application and how it's displayed. Test cases are available for API testing, including scenarios like invalid credentials.

**Performance Testing**: Assess application responsiveness in terms of both user experience and page loading times. Performance test cases have been drafted.

**Database Testing**: Validate data storage and retrieval in the database. Test cases cover scenarios like updating with empty fields, data limits, and user authorization access.

**Limitations:**

1. Due to the lack of a complete UI or application, test cases are limited.
2. Working with limited descriptions presents challenges in understanding component behavior.
3. Deciding whether to implement a full framework, a partial one, or showcase knowledge of the Page Object Model within time constraints.

**Constraints:**

1. Comprehensive understanding requires inputs from designers, developers, business stakeholders, and others, which may be unavailable.
2. Balancing the need to create a responsive web app and automate test cases to demonstrate expertise.

**Wishlist:**

1. Interest in scripting for API & DB testing and utilizing tools like JMeter or LoadRunner for Performance Testing.
2. I would like to include more elements to showcase my knowledge. Like web tables, popups, handling new windows etc.
3. Desire to set up testing environments using Docker, AWS, Azure, GCP, or other cloud services.
4. Implementing CI/CD for testing through tools like Jenkins or GitHub Actions.
5. Leveraging quality check tools like SONAR QUBE for application and testing code.
6. Aspiring to perform security testing to ensure a robust application from a security perspective.
7. Want to do a proper setup in Cypress Cloud for creation of detailed reports.