**1.What other possible scenario’s would you suggest for testing the Jupiter Toys application?**

1. User who is having valid user credentials can logs in to the system successfully
2. Validate logging page fields
3. Verify checkout from cart
4. Verify remove items from cart
5. Verify clear Cart

**2. Jupiter Toys is expected to grow and expand its offering into books, tech, and modern art. We are expecting the of tests will grow to a very large number.**

**1. What approaches could you used to reduce overall execution time?**

Parallel test execution

Schedule test cases to run at off peak time

Reduce the code complexity for fast execution

User headless execution

Do not use unnecessary wait times in the code

Test segregation

Introduce Continues Integration tools

**2. How will your framework cater for this?**

Use a CI tool like Jenkins

I use cypress so nor using arbitrary timeouts; Cypress has automatic retry mechanism

Avoiding using xpaths; it is slower than other attributes

Run testcases in headless mode

Use parallel execution

Schedule to run test cases in off peak time

**3. Describe when to use a BDD approach to automation and when NOT to use BDD**

When to use BDD

When need to separate test scripts from the test code

When need to onboard easily to automate the code

When need to take place easier reviews

When the project needs to have a good project structure

When needs to avoid code duplication and practice high code reusability

When not to use BDD

When teams are not much focusing on maintenance

When there are lot of feature files to run parallel – difficult to run lot of feature files

BDD automation too create extra dependencies, when we need to use minimal dependencies, BDD should not be used.