A close-up of a logo

Description automatically generated

**Common Mistakes in Chaining of Requests**

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| Mistake | Issue | Solution | Reference URL |
| Incorrect Base URL Configuration | Misconfiguring the base URL in the setup phase, causing all subsequent requests to fail. | Ensure the base URL is correctly set in the Base class and verify with a simple GET request. | Rest Assured Base URL Configuration |
| Not Storing IDs Properly | Failing to store the issueId or sys\_id for use in subsequent requests. | Store the IDs in a static variable in the Base class immediately after creating the entity. | Rest Assured Extracting Values |
| Hardcoding Values | Hardcoding dynamic values such as issueId in multiple places. | Store dynamic values in variables and reference them throughout your tests. | Avoid Hardcoding in Tests |
| Missing Authentication | Omitting authentication details in one or more requests, causing them to fail. | Ensure all requests include proper authentication headers or credentials. | Rest Assured Authentication |
| Ignoring Response Time | Not setting assertions for response time, leading to unoptimized API performance. | Always include response time assertions to ensure the API is performant. | Rest Assured Response Time |
| Skipping Assertions | Not asserting status codes, status lines, or response bodies, making it hard to identify issues. | Include comprehensive assertions for each part of the response to validate behavior. | Rest Assured Assertions |
| Incorrect HTTP Methods | Using the wrong HTTP method (e.g., using GET instead of POST). | Double-check the API documentation to use the correct HTTP method for each operation. | [HTTP Methods](https://developer.mozilla.org/en-US/docs/Web/HTTP/Methods) |
| Invalid Request Body | Sending an invalid JSON body in requests, causing 400-series errors. | Validate the JSON structure and use tools to ensure it's correctly formatted. | [JSON Validator](https://jsonlint.com/) |
| Misconfigured Headers | Omitting or misconfiguring necessary headers (like Content-Type). | Ensure all necessary headers are included and correctly configured. | [HTTP Headers](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers) |
| Not Handling Dependencies | Not properly handling the dependencies between requests (e.g., trying to delete before creating). | Sequence the requests logically and ensure the previous step completed successfully. | Test Dependency Management |