

Communication Errors:

- Invalid URL / post data
- Server response status
- No network connection
- Server response content

Invalid URL/ post data:

This error is thrown when the url is messed up i.e, long string concatenations. So we have to make sure that the parameters are named correctly.

Server response status:

Check the status code for potential errors if the code is 200 then the operation is successful else false

No network connection:

Browsers throw errors if there is no network connection so beware of it.

1. Throw your own errors if an operation is failed. Utilise the try {} and catch {} statements.
2. Errors should be thrown in the low-level parts of the application whereas use try-catch for handling error in higher level parts.
3. Distinguish between fatal and non-fatal errors
 - a. Non-Fatal Errors: These errors won't interfere with the user's main tasks. It affects only a portion of the page.
 - b. Fatal Errors: The application cannot continue further example : authentication error.