**Communication Errors Invalid**

Some of the communication errors are

1. Invalid URL/post data
2. Server response error
3. No network connection
4. Server response content

**Invalid URL/post data:** The Invalid URL Path error is issued in the following situation:

1. URL should have **\**
2. Unexpected or missing braces
3. Empty braces

To overcome this ensure parameters are named correctly and use encodeURIComponent() for each part of non-encode URI

**Server response error:** We usually check in xmlHttpRequest for ready state 4 and status should be 200. But for some request we may get 304 which means the data provide is not modified. Except 200 and 304 status all other status means data not obtained

**No network connection:** If we are not connected to internet but make a xmlhttp request the IE will shows an error but continue the normal work flow. But in firefox it fails silently but will only cause error if we access response property.

**Server response content:** Even the response status is 200/304. sometime server errors would be HTML. So it is good to set status as 500 if possible.

**Throw an Error:** Each time an error, try to handle it by throwing that is try-catch to handle if any error.

**Fatal Vs Non-Fatal:** Fatal is the which affects the code execution and work flow. If it occur try to handle it, reload the page, inform the error message to user. Non-Fatal is one which won’t affect the flow. Recovery is possible.