# API Cheat Sheet

## Common API Test Cases

- Verify that the API response status code is **200 OK.**

- Verify that the API response is in the expected format **(e.g. JSON, XML).**

- Verify that the API response contains all the **expected fields**.

- Verify that the API response contains the **correct data** for each field.

- Verify that the API response time is within **acceptable limits**.

- Verify that the API request **parameters** are correctly passed to the API.

- .Verify that the API request method is correct **(e.g. GET, POST, PUT, DELETE).**

- Verify that the API **endpoint** URL is correct.

- Verify that the API **response headers** are correct.

- Verify that the API returns an **error message** if the **request payload** is missing.

- Verify that the API returns an **error message** if the requested resource does not exist.

- Verify that the API returns a **success message** if the resource is **created** successfully.

- Verify that the API returns a **success message** if the resource is **updated** successfully.

- Verify that the API returns a **success message** if the resource is **deleted** successfully.

- Verify that the API returns a **success message** if the resource is **retrieved** successfully.

## 1xx: HTTP Informational Codes

| | | |
|---|---|---|
| • | **100** | Continue |
| • | **101** | Switching Protocols |
| • | **102** | Processing |
| • | **103** | Checkpoint |
| • | **121** | Request-URI too long |

## 2xx: HTTP Successful Codes

| | | |
|---|---|---|
| • | **201** | OK |
| • | **202** | Created |
| • | **203** | Accepted |
| • | **204** | Non-Authoritative Information |
| • | **205** | No Content |
| • | **206** | Reset Content |
| • | **207** | Partial Content |
| • | **208** | Already Reported |
| • | **226** | IM Used |

## 3xx: HTTP Redirection Codes

| | | |
|---|---|---|
| • | **300** | Multiple Choices |
| • | **301** | Moved Permanently |
| • | **302** | Found |
| • | **303** | See Other |
| • | **304** | Not Modified |
| • | **305** | Use Proxy |
| • | **306** | Switch Proxy |
| • | **307** | Temporary Redirect |
| • | **308** | Permanent Redirect |

## 4xx: HTTP Client Error Code

| | | |
|---|---|---|
| • | **400** | Bad Request |
| • | **401** | Unauthorized |
| • | **402** | Payment Required |
| • | **403** | Forbidden |
| • | **404** | Not Found |
| • | **405** | Method Not Allowed |
| • | **406** | Not Acceptable |

## 5xx: HTTP Server Error Codes

| | | |
|---|---|---|
| • | **500** | Internal Server Error |
| • | **501** | Not Implemented |
| • | **502** | Bad Gateway |
| • | **503** | Service Unavailable |
| • | **504** | Service Unavailable |
| • | **505** | HTTP Version Not Supported |