**API Testing**

Postman Software is used to do API Testing

**GET**: Retrieves data from the server.

**POST**: Sends data to the server to create a new resource.

**PUT**: Updates an existing resource on the server.

**DELETE**: Deletes a resource from the server.

**PATCH**: Applies partial modifications to a resource

**2xx Success Codes:**

* **200 OK**: The request was successful.
* **201 Created**: The request was successful, and a new resource was created.
* **204 No Content**: The request was successful, but there is no content to send back.

**3xx Redirection Codes:**

* **301 Moved Permanently**: The requested resource has been moved to a new URL.
* **302 Found**: The requested resource temporarily resides at a different URL.
* **303 See Other**: The response can be found under another URL.

**4xx Client Error Codes:**

* **400 Bad Request**: The server could not understand the request due to invalid syntax.
* **401 Unauthorized**: The client must authenticate itself to get the requested response.
* **403 Forbidden**: The client does not have access rights to the content.
* **404 Not Found**: The server could not find the requested resource.
* **429 Too Many Requests**: The user has sent too many requests in a given amount of time.

**5xx Server Error Codes:**

* **500 Internal Server Error**: An error occurred on the server.
* **502 Bad Gateway**: The server received an invalid response from an upstream server.
* **503 Service Unavailable**: The server is temporarily unable to handle the request.
* **504 Gateway Timeout**: The server did not receive a timely response from an upstream server