**Search Form**

**Example of Request message if the user searched for "Certifications" in the search bar**

GET index.html/?search=Certifications HTTP/1.1

Host: index.com

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64)

Breakdown of the above request

HTTP method: **GET**

Request-target: **index.html/?search=Certifications**

HTTP version: **HTTP/1.1**

Requests fetching resources like GET usually don't need a body

**Example of Response message**

HTTP/1.1 404 NOT FOUND

Breakdown of the above request

HTTP version: **HTTP/1.1**

Status code: **404**

Status code message: **indicating that the resource is not found**

**Contact Form**

**Example of Request message**

POST index.html/?name=bob&surname=doe&email=bob@gmail.com HTTP/1.1

Host: index.com

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64)

Accept: text/html, applications/xhtml+xml

Accept-Language: en-GB

Connection: keep-alive

Content-Length:3000

Breakdown of the above request

POST**: HTTP method**

HOST: **specifies the host and port number of the server to which the request is being sen**t

User-Agent: **a characteristic string that lets servers and network peers identify the application**

Accept: **indicates which content types, expressed as MIME types, the client can understand**

Accept-Language**: indicates the natural language and locale that the client prefers**

Connection: **controls whether the network connection stays open after the current transaction finishes**

Content-Length: **indicates the size of the message body, in bytes, sent to the recipient**

**Example of Response message**

HTTP/1.1 404 NOT FOUND

Server: Apache/2.2.3 (CentOS)

Content-Type: text/html

Date: Tue, 05 Feb 2024 15:35:05 GMT

Connection: close

Last-Modified: Tue, 10 Oct 2023 14:23:46 GMT

Content-Length: 6475

Breakdown of the above response

HTTP version: **HTTP/1.1**

Status code: **404**

Status code message: **indicating that the resource is not found**

Server: **describes the software used by the origin server that handled the request**

Content-type: **indicates the original media type of the resource**

Date**: Data and time the message was sent**

Connection: **controls whether the network connection stays open after the current transaction finishes**

Last modified: **can sent by the server to provide a browser with information about when the page was last updated**

Content-Length: **indicates the size of the message body, in bytes, sent to the recipient**

**Additional reading:**

MozDevNet (no date) *HTTP messages - http: MDN*, *MDN Web Docs*. Available at: https://developer.mozilla.org/en-US/docs/Web/HTTP/Messages (Accessed: 21 February 2024).