**371 Project Test Procedures**

*All testing was done with the curl command line tool*

**200 Ok**

A computer screen shot of a black screen

Description automatically generated

**Procedure**:

send get request to localhost and port running application

**304 Not Modified**

**A screenshot of a computer

Description automatically generated**

**Procedure**:

send get request with “If-Modified-Since” header line. Our server simply checks if this header exists in the request and answers with 304 not modified.

**400 Bad Request**

**A computer screen with white text

Description automatically generated**

**Procedure**:

Send an HTTP request to the server that it is not able to handle. In this situation, we send an HTTP delete request and since our server is unable to handle it, a 400 error is returned.

**403 Forbidden**

Authorization Header present

**A computer screen with white text

Description automatically generated**

Authorization Header not present

**A screenshot of a computer program

Description automatically generated**

**Procedure**:

To simulate authorization being required, we created another html filed named test\_auth.html.

If this file is requested, our server checks if the Authorization header is present. If it is, then the file is served, otherwise a 403 error is returned

**404 Not Found**

**A computer screen with white text

Description automatically generated**

**Procedure:**

Request a file that does not exist in the server directory.

**411 Length Required**

Content Length provided

A screenshot of a computer

Description automatically generated

Content Length not provided

A computer screen shot of a black screen

Description automatically generated

**Procedure:**

Send a POST request to test\_content\_len\_req.html.

If the request contains the Content-Length header, then the file is served. Otherwise, a 411 error is returned.