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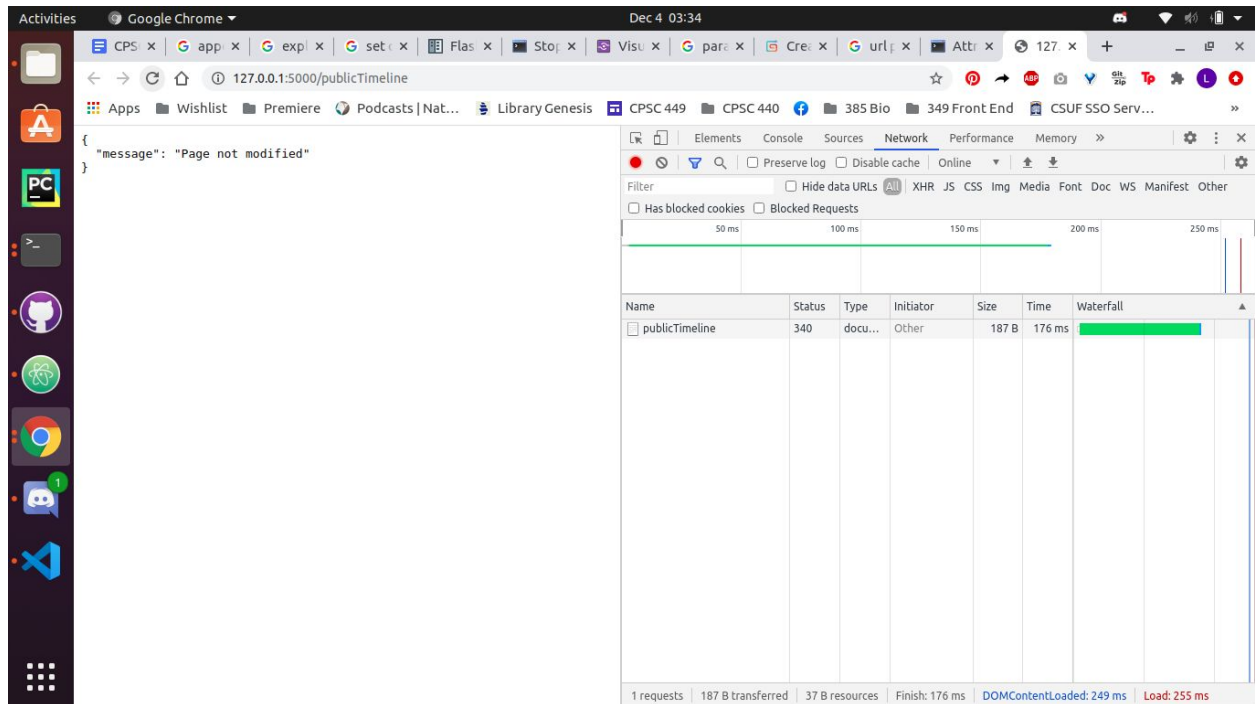
Project 6

HTTP Caching:

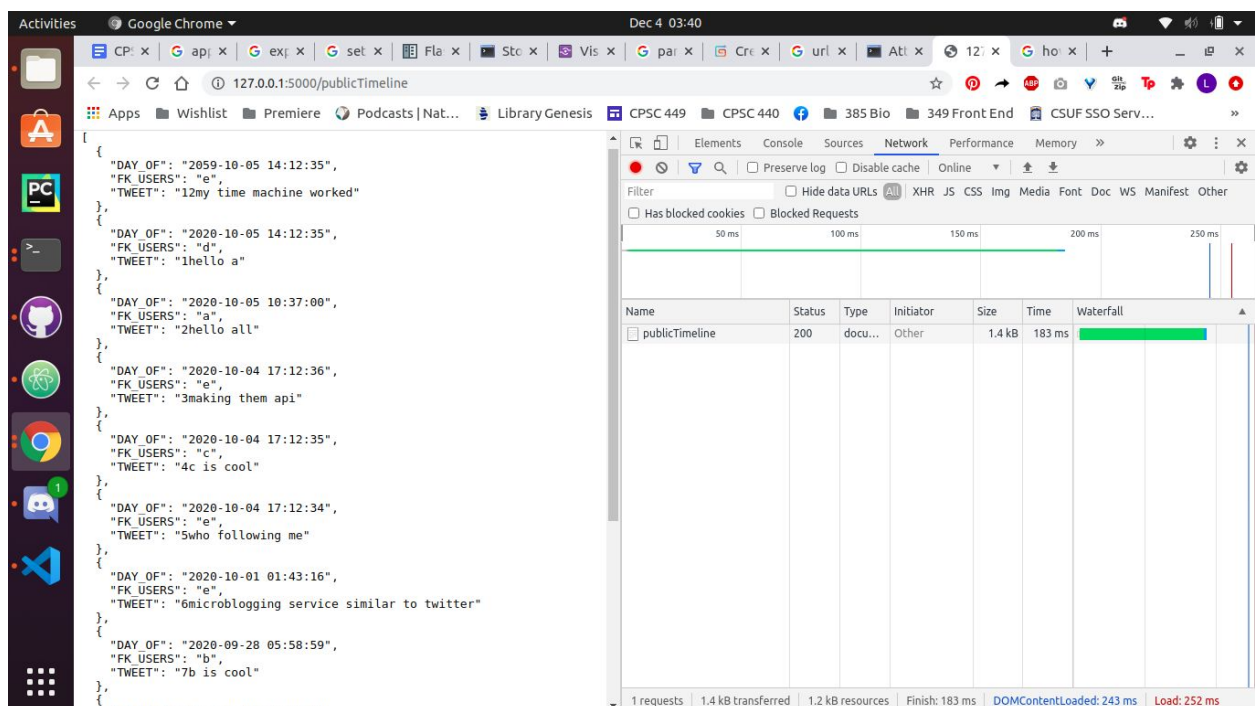
The screenshot displays the Google Chrome DevTools interface. The top panel shows the browser's address bar with the URL `127.0.0.1:5000/publicTimeline`. The left sidebar contains the 'Library Genesis' extension, which is displaying a list of tweets. The right sidebar is open to the 'Network' tab, showing a single request named 'publicTimeline'. The request details indicate a status of 200, a type of document, and a size of 1.4 kB. The waterfall chart shows the request was completed in 178 ms. The bottom status bar summarizes the network activity: 1 request, 1.4 kB transferred, 1.2 kB resources, and a total load time of 321 ms.

```
{
  "DAY_OF": "2059-10-05 14:12:35",
  "FK_USERS": "e",
  "TWEET": "12my time machine worked"
},
{
  "DAY_OF": "2020-10-05 14:12:35",
  "FK_USERS": "d",
  "TWEET": "1hello a"
},
{
  "DAY_OF": "2020-10-05 10:37:00",
  "FK_USERS": "a",
  "TWEET": "2hello all"
},
{
  "DAY_OF": "2020-10-04 17:12:36",
  "FK_USERS": "e",
  "TWEET": "3making them api"
},
{
  "DAY_OF": "2020-10-04 17:12:35",
  "FK_USERS": "c",
  "TWEET": "4c is cool"
},
{
  "DAY_OF": "2020-10-04 17:12:34",
  "FK_USERS": "e",
  "TWEET": "5who following me"
},
{
  "DAY_OF": "2020-10-01 01:43:16",
  "FK_USERS": "e",
  "TWEET": "6microblogging service similar to twitter"
},
{
  "DAY_OF": "2020-09-28 05:58:59",
  "FK_USERS": "b",
  "TWEET": "7b is cool"
},
{
  "DAY_OF": "2020-09-28 05:58:59",
  "FK_USERS": "a",
  "TWEET": "8a is cool"
}
```

The above image is a get request to the publicTimeline where we get a 200 OK Response

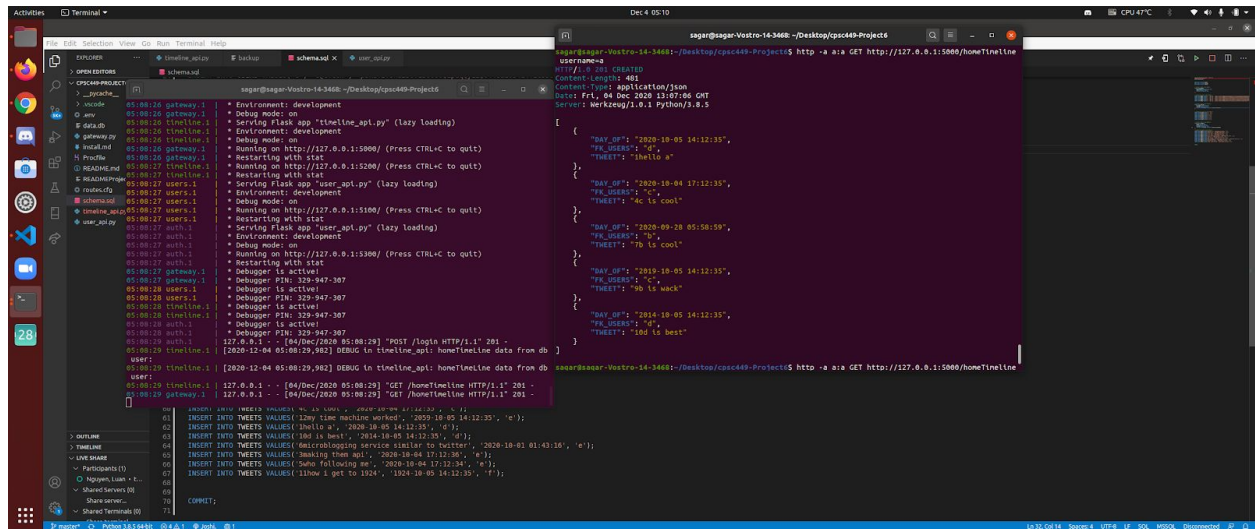


When we make the call again, we get a 304 Response instead of the “if-modified” tag, within 30 seconds after the first screenshot was taken

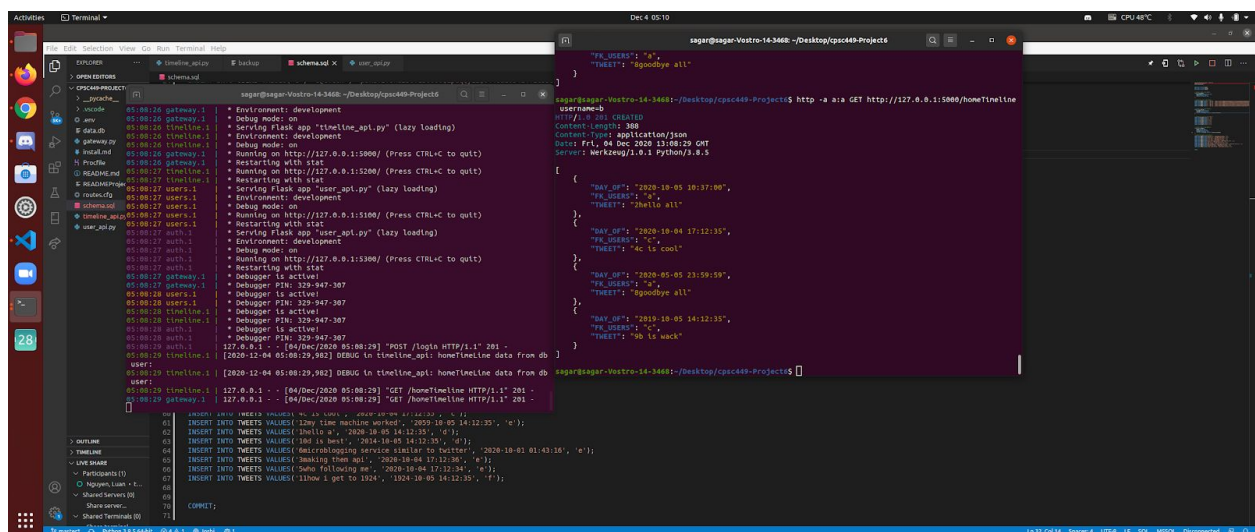


Then, we waited over 5 minutes to make another get request at 3:40 where we get a 200 OK Response.

Object Caching:



We see the data comes from the database since it was not already in the cache



We see that this user shares a following user as the previous . We see that two of the user's tweets come from the database while one of the user's tweet comes from the cache where it was stored.