

## Internet Technology: Project 3 Report

### 1) Team Details

**Clearly state the names and needs of your team members (There are 2 of you)**

**Name:** Prachiti Atigre      **NetID:** pka24

**Name:** Ujani Patel      **NetID:** ukp10

### 2) Collaboration:

**Who did you collaborate with on this project? What resources and references did you consult?**

We did not collaborate with any other individuals on this project.

The resources and references that we consulted were:

- Recitation documents

### 3) Is there any portion of your code that does not work as required in the description above?

No. All the requirements from the document have been implemented in our code

### 4) Did you encounter any difficulties? If so, explain.

The difficulty that we had encountered was understanding when cookies can be invalid while implementing the logout function. We were also having difficulty on when to remove the cookies from the database.

### 5) Describe two observations or facts you learned about HTTP and cookies in the process of working on this project. Please be specific and technical in your response.

The first thing that we noticed was that the expiration date for cookies is set to a past date. In general, when thinking about expiration dates, it is a date in the future.

Which caused confusion for us in the beginning. But the expiration date is set to a past date so that when the user logouts, the expiration date of the cookie is set to a past date, which invalidates the cookie and therefore, the user needs to login again otherwise, the user will stay logged in forever.

Another interesting observation that we had noticed was during the implementation of the logout function. It was interesting to notice that when a user is logging out, the cookie gets removed from the database. However, when the same user returns to log in, despite using the same username and password, a new cookie will need to be generated.

These observations helped us better understand the functionality of cookies

