COOKIES

WEB STORAGE

WHAT ARE COOKIES?

Cookies are small files which are stored on a user's computer. They are designed to hold a modest amount of data specific to a particular client and website, and can be accessed either by the web server or the client computer.

COOKIES MAIN USAGE

- Usually we use cookies to store small amount of data on the client-side

- This way we can decrease the amount of storage our server needs

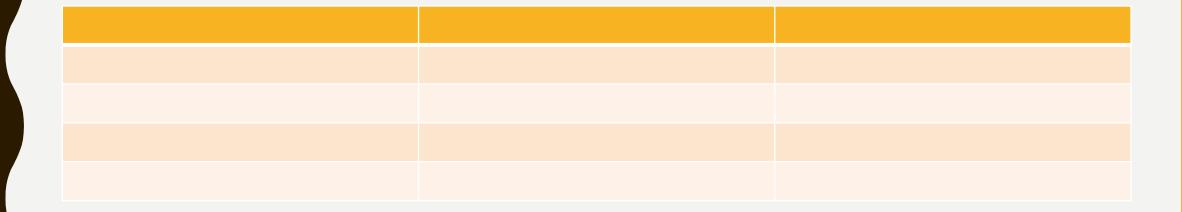- Cookies are also used to create sessions and validate users

WHO CAN SEE THE COOKIES?

- The server side of the domain

- The client's browser

- Some browsers let the user see it too

Basically, everyone

Though we can set visibility of the cookies

COOKIES TYPES

COOKIES TYPES

	Client	Server
Where saved	Client's browser	Client's browser
Accessed to	Client	Server
Used to	Save website's data	Sessions
Created by	Website JS	Server

CLIENT-SIDE COOKIES

- Saved by JavaScript
- [Angular can manage them](#)
- Accessible to anyone
- Usually used to store ids and API calls needed data
- Have an expiration date
- Key=value strings

SERVER SIDE COOKIES

- All clients calls send their cookies

- To get those cookies you need to call req.cookies

- To send server side cookies you can use either res.cookie() or res.append()

- Sending server side cookies will assure you that the client cant see those cookie

- On each API call the client makes, you'll get the same cookies back.

USER VALIDATION ON CLIENT-SERVER

- User calls a login API call

- The server response with some data and setting an ID cookie

- Whenever the user makes any other API call the ID cookie sent back to the server

- The sever answer the call according to the ID cookie it got

- At each time the website loads for the first time, it checks for cookies, if there are login cookies, it calling the Login API call again to validate the ID cookie

example