

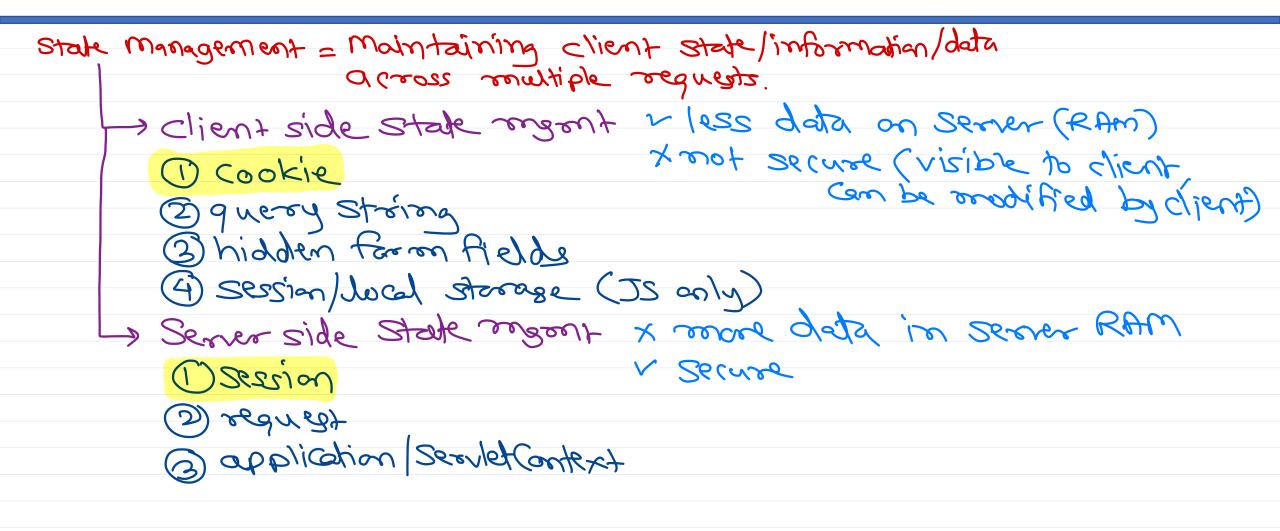


#### Advanced Java

Trainer: Nilesh Ghule



### State Management





#### Cookie

```
Cookie = text (string) > key-value pair

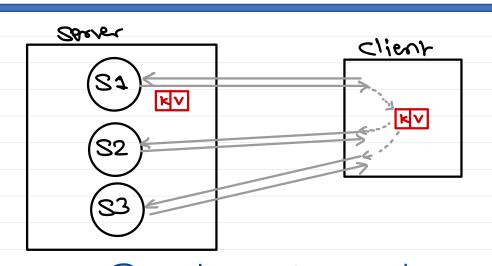
= max size = 4 kB

= stored on client side by server/applm

> bourser memory = temp cookie

sclient disk = permanent cookie

Cookie wage
```



O server create carrier & send to client via response. (
Cookie C= new Cookie ("key" "value");
C. set Max Age (seconds); 1) for persistent carrie.

resp. add Cookie (c);

2) with each request client send cooleie back to server

Cookie [] are = req. get (ookies();
for (Cookie (: over) ?
if(ciget Mame().equals("key"))
value = (.get Value();

3 To dentoy the cookie ("key", "");

Cookie (= new Cookie ("key", "");

Cookie

Cookie

name = key

Value = vel

domain = sener/host

Path = webappin

expire = dektim/seeien

Secure = true/falge

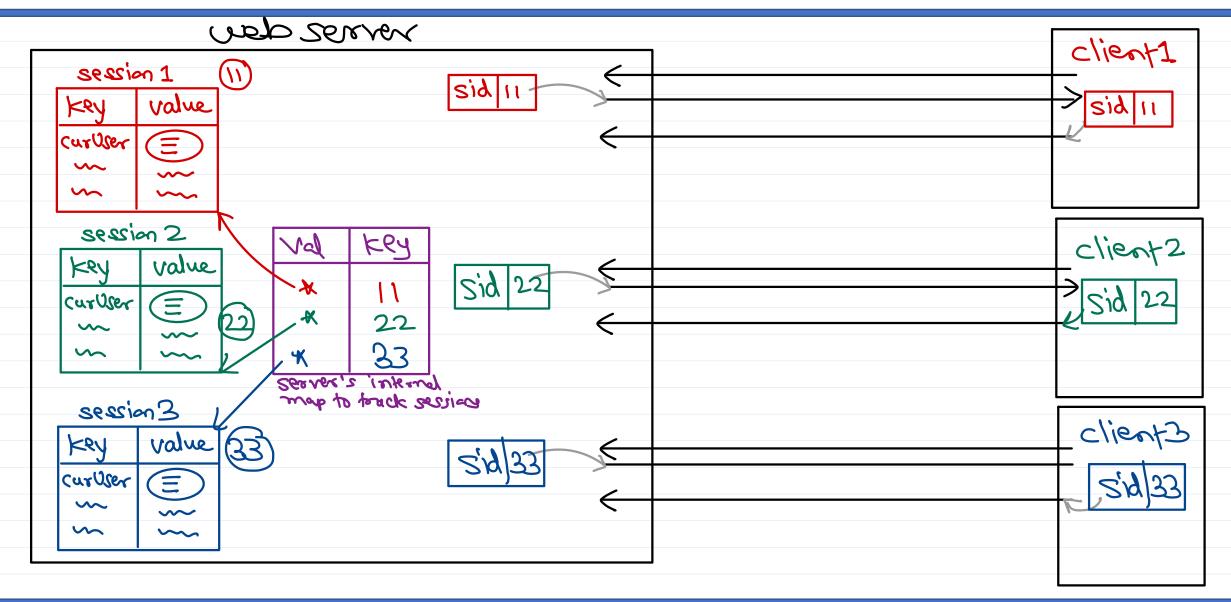


## **HttpSession**

HHPSerian is like a hashtable for each user/client in server menory (RAM). String Object Session = reg. get-Session (); ) get serien of worth wer. Ly if no session is avail, create new session for that user session. set Atto but (" key", value); 4 add an attribute into session value = session. get Attribute (" key"): Lo october the attribute of given key. session, invalidate (): Is destroy the session of crosent wer



#### **Session Tracking**





# **Session Tracking**

Cookies can be disabled in boowser. In this case, session will not work.

Session tracking can be alternatively done using urd rewriting.

Nttp://localhost: 8080/app/ Page; jsessionid= 223344

Freny url used in apply needs to be rewritten.

escher = sesp. EncodeRegisectORL(UES);

encunt = resp. encode URL (und);
out printf ("<a href='/.s'>Label</a>", encurd);

encum! = resp. encode UPL (uns);

\* change t-sacking-smode into

web. and default: CookIE

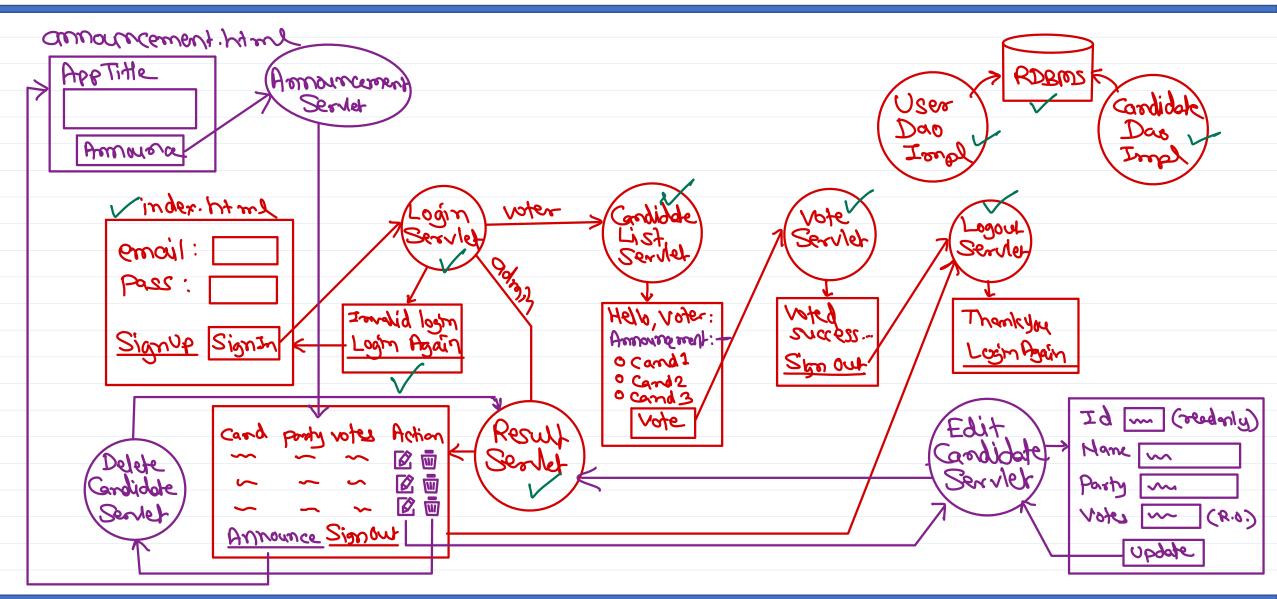
<session-config> DRL

<hracking-mode>URL

</session-config>

</session-config>

#### **Election Management**





# Searlet, I Lit bacoms

esdrigt barders

request attributes

- (1) Servlet specific settings (1) Send data with request configuration.

  Configuration. Configuration.
- 2) given in web zont <init-param) or @Weblenlet

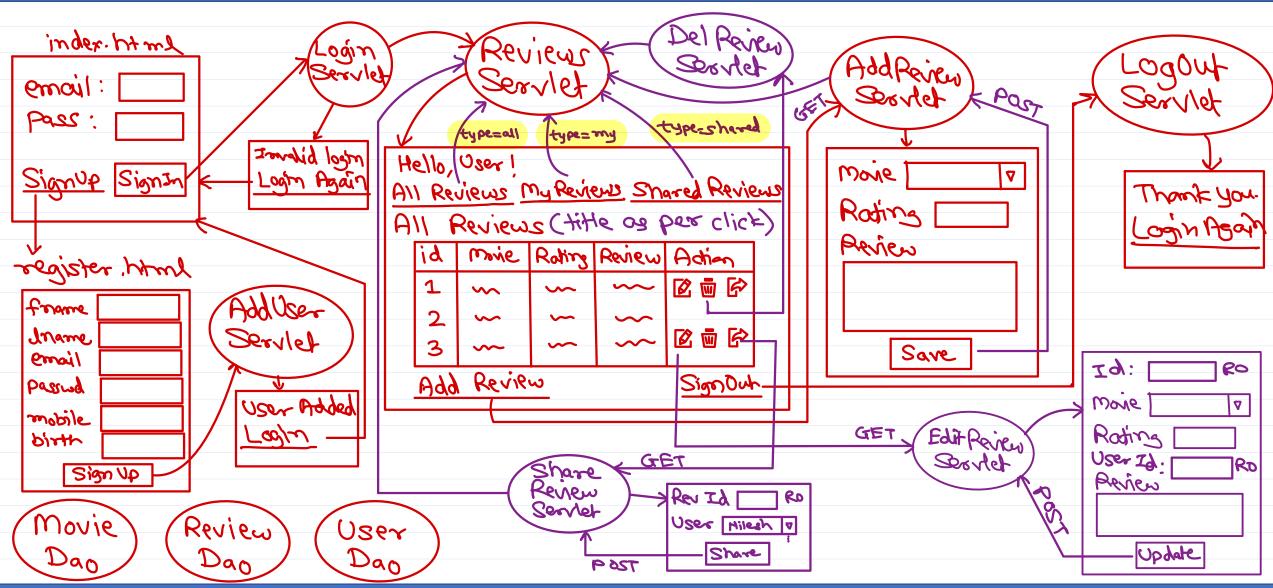
- 3 Loaded in Servlet Config obj associated with each Servlet object.
- ral = config. get Init Parameter ("key")
- 4 String values.
- @ ustil servet is dest-soyed.

- 2) given in old pogh as drawn seem seem seem seem seem of a drawn of the seem seem of the seem seem of the seem
- 3 accord nies sed op: ral = red. det bleass eter ( "- "). vals = org. get Parameter Values ("\_ ");
- 4) String values.
- 3) until request is completed.

- (1) send data from one servlet to another while forwarding/ Including seg (Request Dispetoler)
- (2) Aust Sendet: seq. set Attribule ("key", value); Object
- 3 accessed in next searlet: value = veg. get Attribute ("key"); Object
  - 4) Object values 3 until request is completed,



#### Movie Review Assignment







Thank you!

Nilesh Ghule <nilesh@sunbeaminfo.com>

