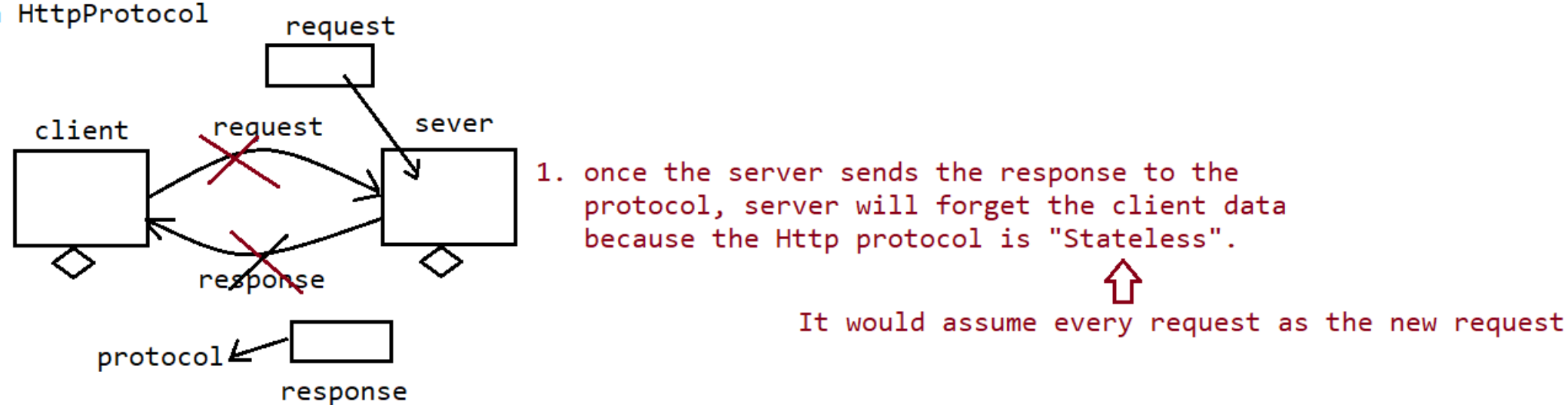
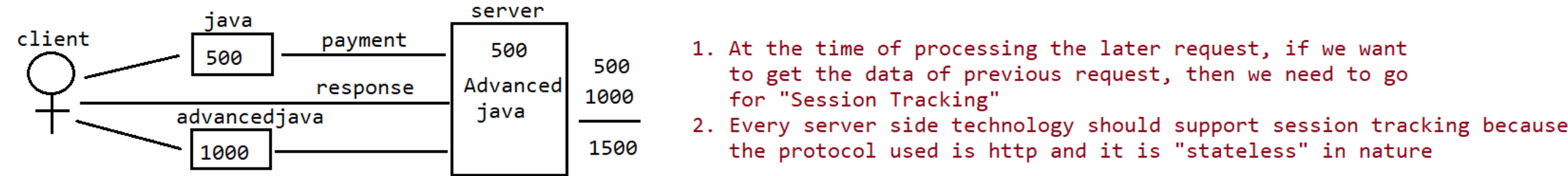


Working with HttpProtocol



Assume we are working with Flipkart application

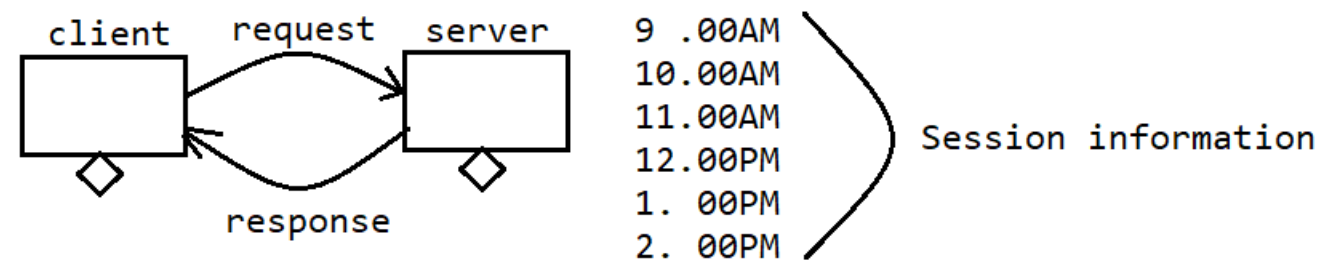


Session Tracking Mechanism

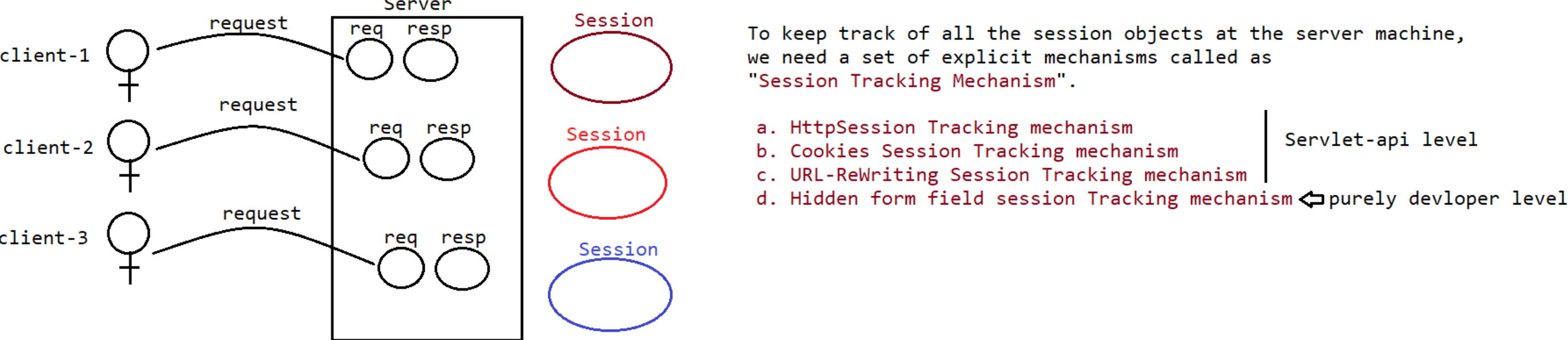
- a. HttpSession Tracking mechanism
- b. Cookies Session Tracking mechanism
- c. URL-Rewriting Session Tracking mechanism
- d. Hidden form field session Tracking mechanism

What is Session?

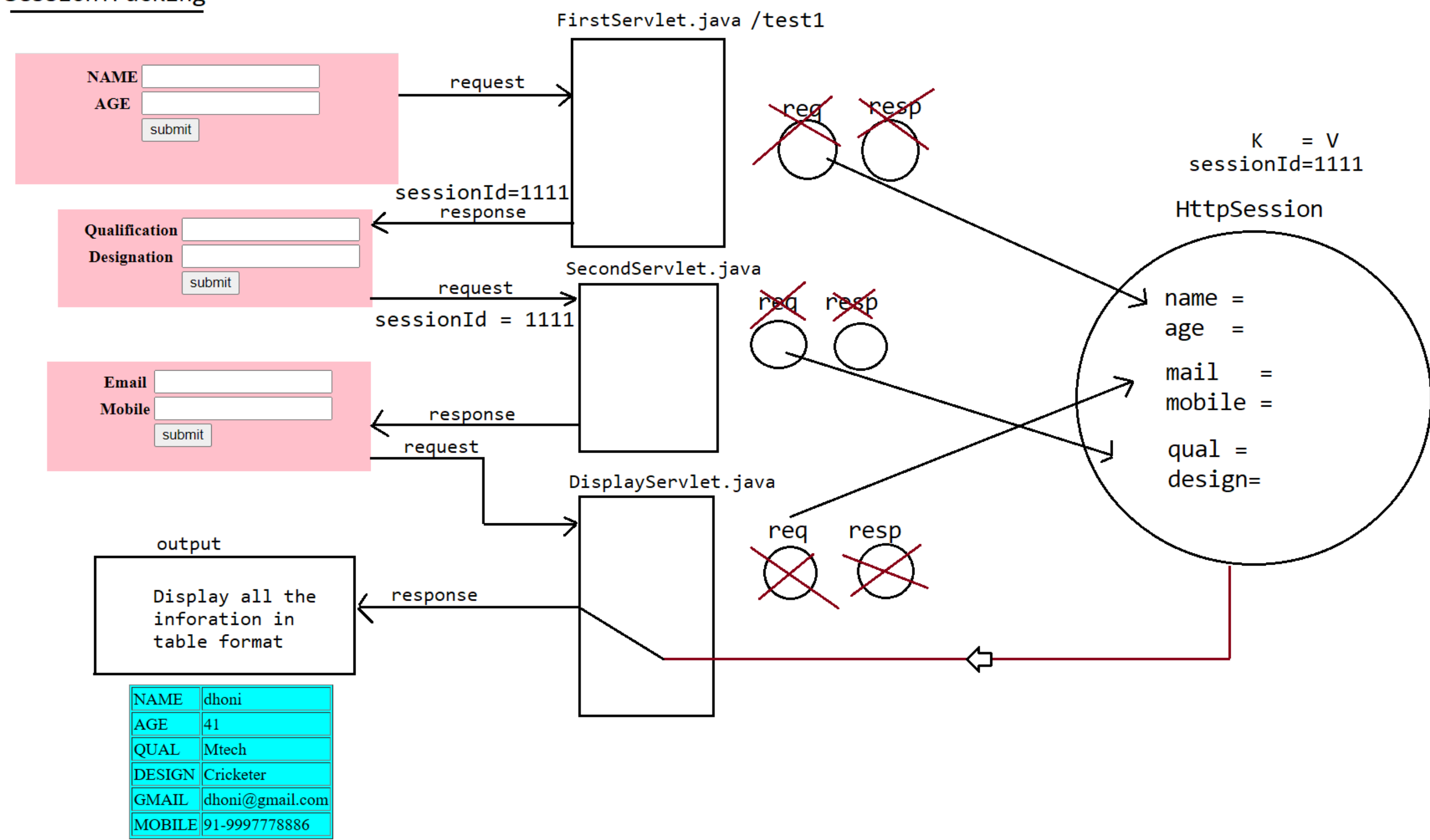
Session is a time duration, it will start from starting point of the client conversation with server and will terminate at the ending point of client conversation with the server



The data which is transferred b/w client to server through multiple request during a particular session then that data is called "State of a session".



SessionTracking



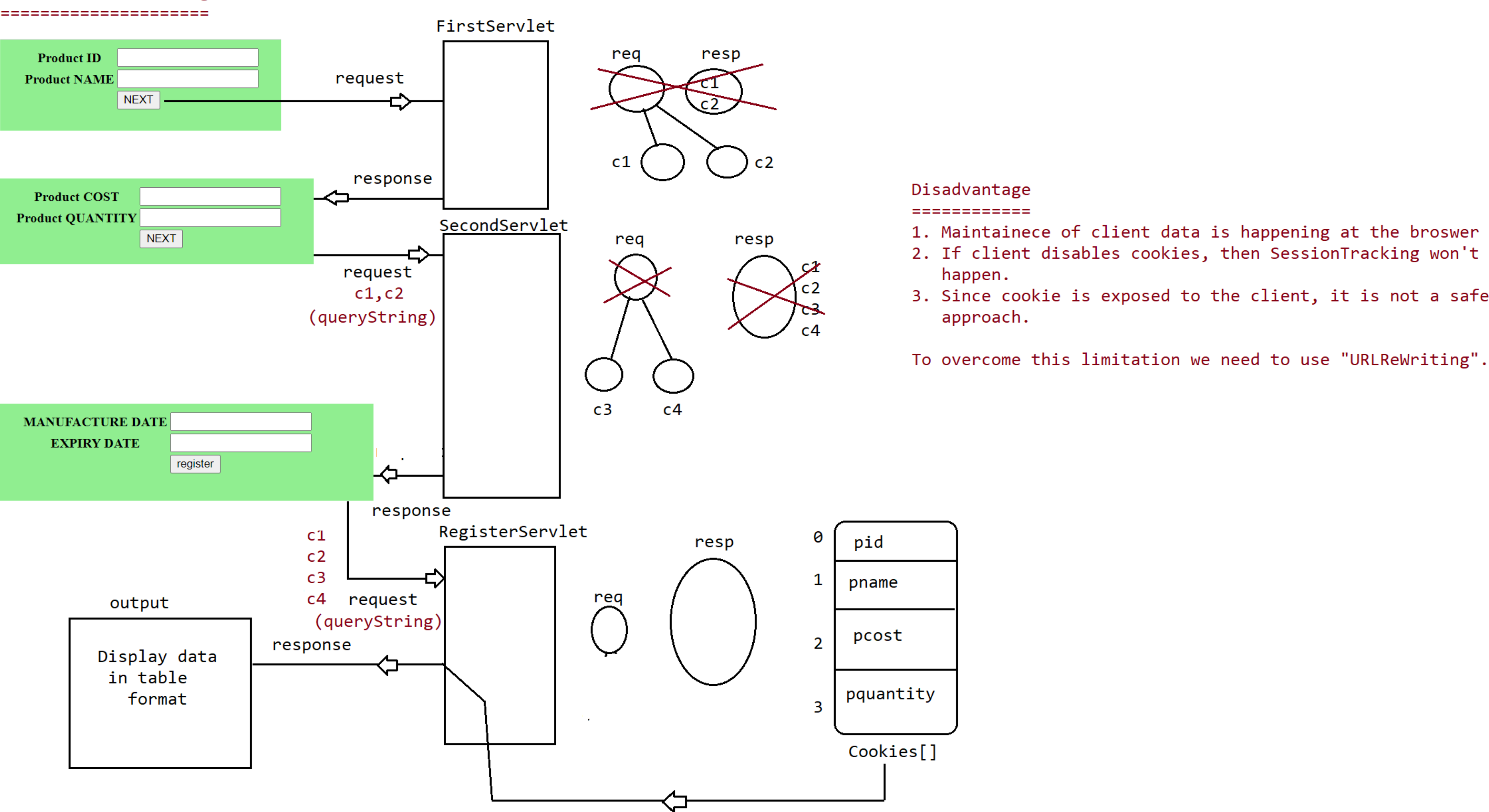
HttpSession session = request.getSession()

getSession() -> The container will check whether any HttpSession object existed for particular user or not. if any HttpSession exists then the container will return the existed HttpSession object reference. if no HttpSession exists for particular user then container will create a new HttpSession object and returns the reference.

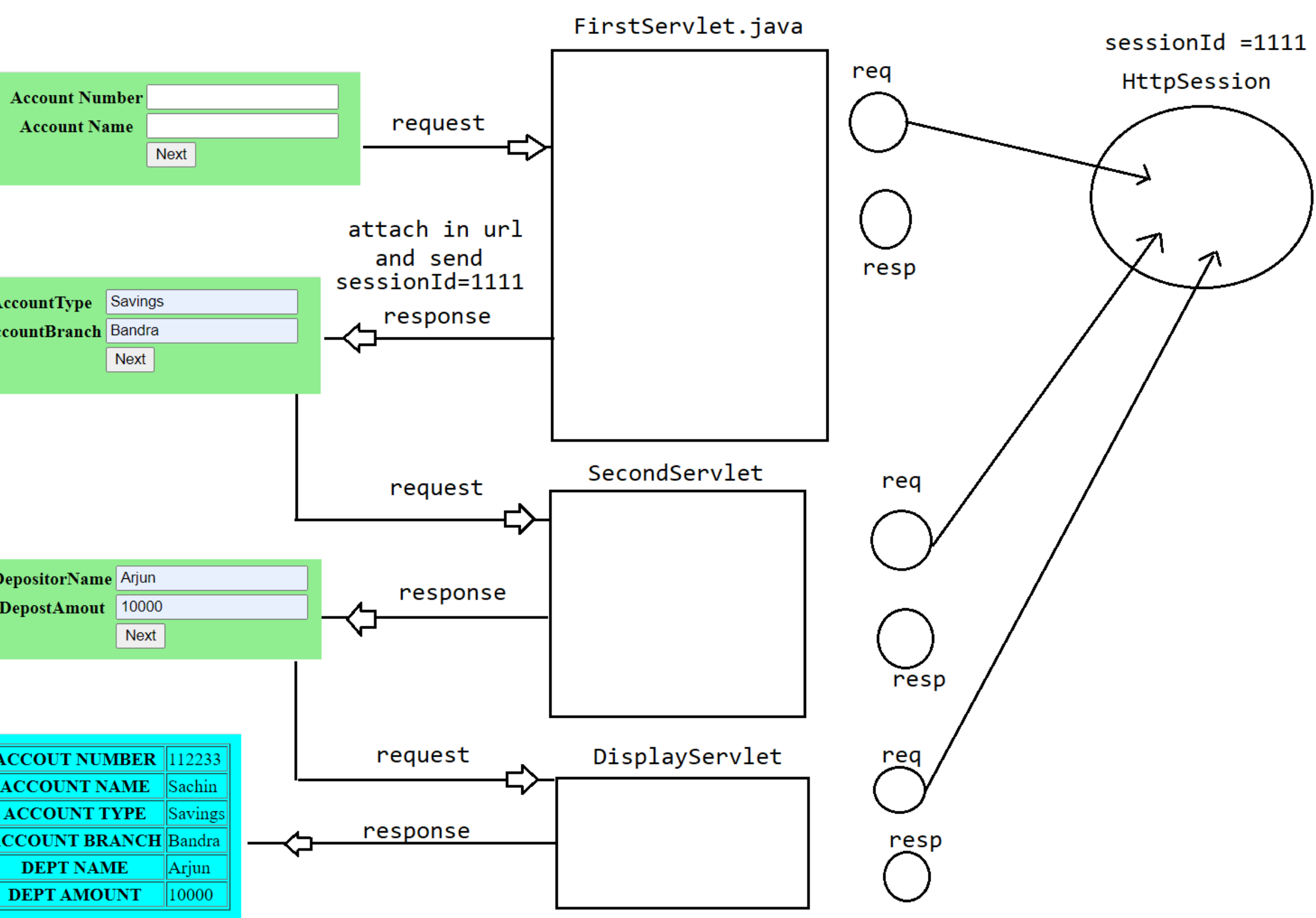
getSession(false)

-> The container will check whether any HttpSession object existed for particular user or not. if any HttpSession exists then the container will return the existed HttpSession object reference. if no HttpSession exists for particular user then it would return null.

CookieSessionTracking



URLRewriting Mechanism



Hidden Form Field

