



## Assignment - 04

myCOMPANION 13306

\* Title → Design a login application using PHP.

\* Objective → i) To understand basic about PHP web programming and its applications.

ii) To apply session management and DB connectivity.

\* Theory →

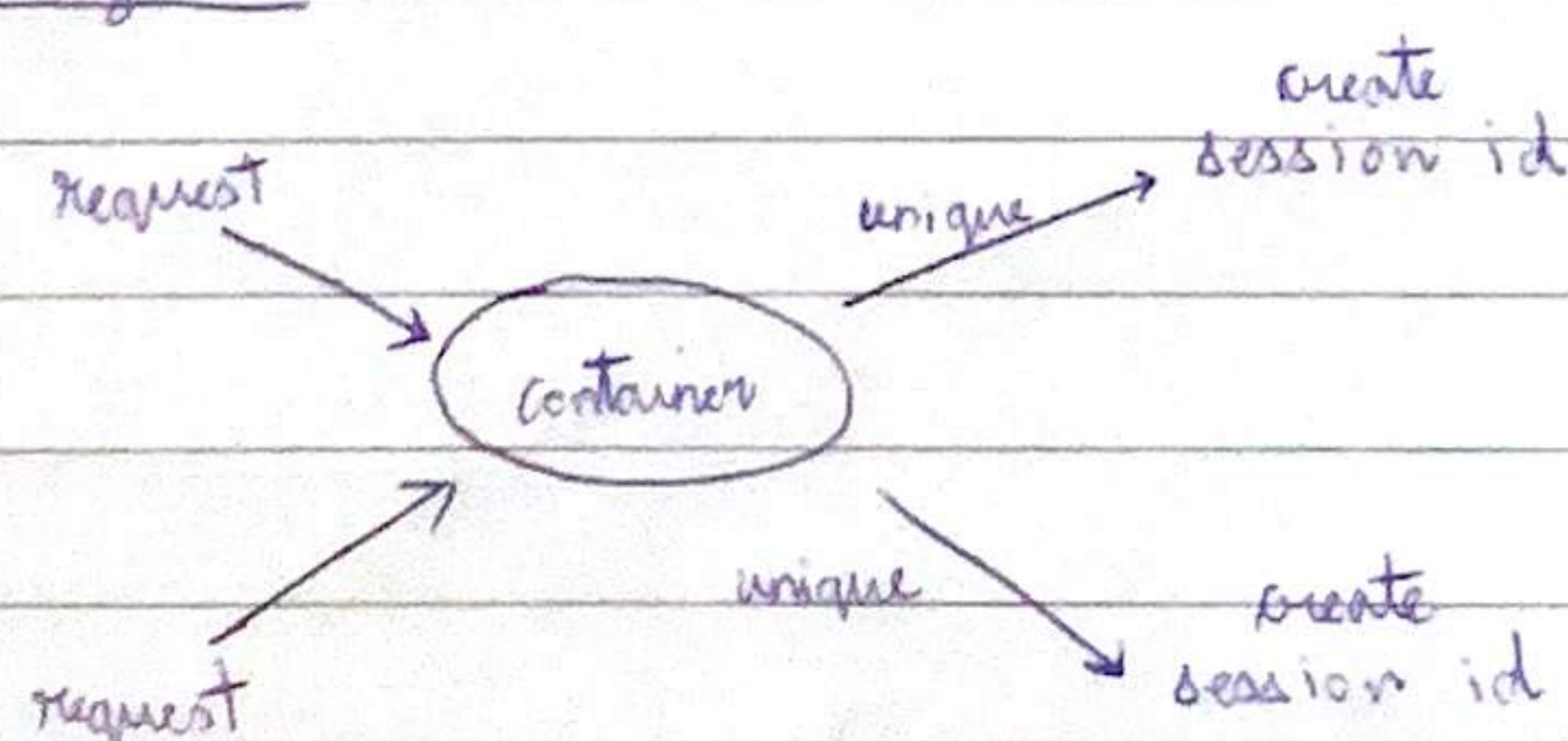
• PHP:

1. An acronym for Hypertext Preprocessor
2. PHP is widely used, open source scripting language
3. PHP scripts are executed on the server
4. Result is returned to the browser as plain text.

• Advantages of PHP:

1. Easy and simple to use
2. Extremely flexible
3. Easy integration and compatibility
4. Efficient performance
5. Cost efficient
6. Gives web-developer more control

• Session Management:



Ⓐ session - start() -

1. Used to start the session.
2. Starts a new or resumes existing session
3. Syntax → bool session-start();





### Ⓐ \$-SESSION -

1. An associative array that contains all session variables.
2. It is used to set and get session variable names.
3. Syntax → `$-SESSION["user"] = "admin";`

### • Form Handling in PHP:

1. To get form data, we need to use PHP superglobals `$-GET` & `$-POST`.
2. The form request may either be GET or POST.

#### Ⓐ GET →

1. Default form request.
2. Data passed through it is visible in the URL, so it is not secure.
3. You can send limited amount of data.
4. Syntax → `<FORM ACTION = "#" METHOD = "GET"> {HTML}`  
`$var_name = $-GET [ID] {PHP}`

#### Ⓑ POST →

1. Data passed through it is not visible in the URL, so it is secured.
2. You can send large amounts of data.
3. Syntax → `<FORM ACTION = "#" METHOD = "POST"> {HTML}`  
`varname = $-POST [ID] {PHP}`

\* Conclusion → In this way, I have created a login application with session management and validated it using PHP.