

5-Tier Architektur

Präsentation Layer



localhost/5_tierArchitektur/login.html

phpMyAdmin localhost / 127.0.0.1 | ... Login sps unterschiedli

M151 5-Tier Architektur

Username:

Password:

```
<body>
  <h1>M151 5-Tier Architektur</h1>
  <form action="/5_tier.php" METHOD="POST">
    <blockquote>Username: <input type="text" name="username"></blockquote>
    <blockquote>Password: <input type="password" name="password"></blockquote>
    <INPUT TYPE=SUBMIT NAME="cmd_login" VALUE="anmelden" ID="cmd_login">
  </form>
</body>
```

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Business Layer



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M151 5-Tier Architektur

Username:

Password:

5_tier.php

```
$cName = $_POST['username'];  
$cPassword = $_POST['password'];  
  
$login_status = check_user_password($connectionstring , $cName, $cPassword);
```

```
$server = "MySQL_Test";  
//connect to database  
$connectionstring = odbc_pconnect($server , $user, $pass)  
    or die("Datenbankverbindung ist fehlgeschlagen");
```

Business Layer



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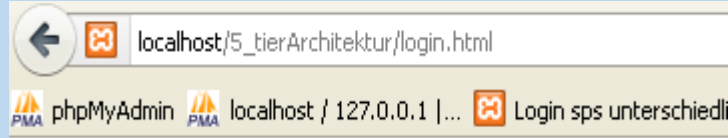
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```
function check_user_password($cConnection, $cName, $cPassword)  
{  
    $Query = "CALL sps_check_login('". $cName. "', '". $cPassword. "')";  
    //Execution of Query  
    $result = odbc_exec($cConnection, $Query );  
}
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Data Interface Layer



5_tier.php

M151 5-Tier Archit

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Data Abstraction Layer

Stored Procedure

SCHEMAS

Filter objects

- phpmyadmin
- test
 - Tables
 - Views
 - Stored Procedures
 - sps_add_user
 - sps_check_login
 - test_multi_sets
 - Functions
- webauth

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```

```
CREATE DEFINER='root'@'localhost' PROCEDURE `sps_check_login`(IN $username varchar(50),IN $password varchar(50))
BEGIN
-- CALL sps_check_login('mvorelli','gugus');
DECLARE $count INT;
DECLARE $logon_status INT;

select count(*) into $count from tbl_user
where username=($username)
AND password=($password);

if $count > 0 then
    set $logon_status = 1;
else
    set $logon_status = 0;
End if;
select $logon_status as logon_status;

END
```


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