

```

$password = password_hash($password, PASSWORD_DEFAULT);
$input = file_get_contents($dog_data_xml);
$find = "</users>";
$newupstring = "<user>\n<userid>" . $userid . "</userid>\n<password>" . $password .
"</password>\n</user>\n</users>";
$find_q = preg_quote($find, '/');
$output = preg_replace("/^$find_q(\\n|\\$)/m", $newupstring, $input);
file_put_contents($dog_data_xml, $output);
$login_string = date('mdYhis') . " | New Userid | " . $userid . "\n";
error_log($login_string, 3, $user_log_file);
header("Location: e7login.php");
} } }
catch(Exception $e) { echo $e->getMessage(); }
?>
<form method="post" action="">
Userid must contain eight or more characters.<br/>
Password must contain at least one number, one uppercase and lowercase letter, and at least
8 total characters.<br />
Username: <input type="text" pattern=".{8,}" title="Userid must contain eight or more
characters." name="username" id="username" required/><br />
Password: <input type="password" pattern="(?!.*\d)(?!.*[a-z])(?!.*[A-Z]).{8,}"
title="Password must contain at least one number, one uppercase and lowercase letter, and at
least 8 total characters."
name="password" id="password" required /><br />
<input type="submit" value="submit">
</form>

```

## JSON Data

JSON data would require just a couple of slight changes.

```

{"user":
[
{"userid":"Fredfred", "password":"$2y$10$VosI32FejL.b0MaCjGbBp.Jre6Ipa.tLYQrVqj9kiVpef5zZ25qQK"},
{"userid":"Petepete", "password":"$2y$10$FdbXxIVxmVOHtaBNxB8vzupRBJFCqUyOTJXrlpNdrLOHKQ\U.jFHO"}
] }

```

The data ends with a combination of `]]`, which does not occur anywhere else. `$find` can be set to this value (`$set = "]]";`). The `$newupstring` value can also be changed to:

```
$newupstring = ',{"userid":"' . $userid . '", "password":"' . $password . '"\n}]]';
```

These two changes (along with the previous changes) would update a JSON file with a new user ID/password combination.