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throw new Exception($errorString); }
$json = json_encode($xmlstring);
$valid_useridpasswords = json_decode($json,TRUE);
$userid = $_POST['username'];
$npassword = $_POST['password'];
$newpassword = password_hash($npassword, PASSWORD_DEFAULT);
$password = $_POST['oldpassword'];
$datestamp = date('Y-m-d', strtotime('+30 days'));
$I = 0;

$I = 0;
$passed = FALSE;
foreach($valid_useridpasswords as $users)      {
    foreach($users as $user)                    {
        if (in_array($userid, $user))          {
            $hash = $user['password'];
            if(password_verify($password,$hash))
            {
                $passed = TRUE;
                $valid_useridpasswords['user'][$I]['password'] = $newpassword;
                $valid_useridpasswords['user'][$I]['datestamp'] = $datestamp;
                $valid_useridpasswords['user'][$I]['attempts'] = 0;
                saveupfile($dog_data_xml,$valid_useridpasswords);
                // save changes before header call
                $login_string = date('mdYhis') . " | Password Changed | " . $userid . "\n";
                error_log($login_string,3,$user_log_file);
                header("Location: e7login.php");
            } }
        }
    }
}

// drops to here if not valid password/userid or too many attempts
if (!$passed){
    echo "Invalid Userid/Password";
} } }
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 />
Old 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="oldpassword" id="oldpassword" required /><br />
New 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 />

```