<?php

class Users {

// (A) CONSTRUCTOR - CONNECT TO DATABASE

private $pdo = null;

private $stmt = null;

public $error = "";

function \_\_construct () {

$this->pdo = new PDO(

"mysql:host=".DB\_HOST.";dbname=".DB\_NAME.";charset=".DB\_CHARSET,

DB\_USER, DB\_PASSWORD, [

PDO::ATTR\_ERRMODE => PDO::ERRMODE\_EXCEPTION,

PDO::ATTR\_DEFAULT\_FETCH\_MODE => PDO::FETCH\_ASSOC

]);

}

// (B) DESTRUCTOR - CLOSE DATABASE CONNECTION

function \_\_destruct () {

if ($this->stmt!==null) { $this->stmt = null; }

if ($this->pdo!==null) { $this->pdo = null; }

}

// (D) CREATE/UPDATE USER

function save ($email, $pass, $id=null) {

$data = [$email, password\_hash($pass, PASSWORD\_BCRYPT)];

if ($id===null) {

$this->query("INSERT INTO `users` (`user\_email`, `user\_password`) VALUES (?,?)", $data);

} else {

$data[] = $id;

$this->query("UPDATE `users` SET `user\_email`=?, `user\_password`=? WHERE `user\_id`=?", $data);

}

return true;

}

// (E) DELETE USER

function del ($id) {

$this->query("DELETE FROM `users` WHERE `user\_id`=?", [$id]);

return true;

}

// (F) GET USER

function get ($id) {

$this->query("SELECT \* FROM `users` WHERE `user\_".(is\_numeric($id)?"id":"email")."`=?", [$id]);

return $this->stmt->fetch();

}

// (G) VERIFY USER (FOR LOGIN)

function verify ($email, $pass) {

// (G1) GET USER

$user = $this->get($email);

if (!is\_array($user)) { return false; }

// (G2) PASSWORD CHECK

if (password\_verify($pass, $user["user\_password"])) {

$\_SESSION["user"] = [

"id" => $user["user\_id"],

"email" => $user["user\_email"]

];

return true;

} else { return false; }

}

}

// (H) DATABASE SETTINGS - CHANGE TO YOUR OWN!

define("DB\_HOST", "localhost");

define("DB\_NAME", "test");

define("DB\_CHARSET", "utf8");

define("DB\_USER", "root");

define("DB\_PASSWORD", "");

// (I) START!

session\_start();

$USR = new Users();