<?php

require\_once('config.php');

class Database

{

private $connection;

public $last\_query; //stores the lastquerys, measn we can call this from the DB.

function \_\_construct()

{

$this->open\_connection();

}

public function open\_connection()

{

$this->connection = mysqli\_connect(DB\_SERVER, DB\_USER, DB\_PASS, DB\_NAME);

if(!$this->connection)

{

$output = "A connection to the database has failed, please check the config file.";

$output .= "<br />" . mysqli\_connect\_error();

die($output);

}

}

public function close\_connection()

{

if(isset($this->connection))

{

mysqli\_close($this->connection);

unset($this->connection);

}

}

public function query($sql) //Takes in a paramater (sql query)

{

$this->last\_query = $sql;

$result = mysqli\_query($this->connection,$sql);

$this->confirm\_query($result);

return $result;

}

private function confirm\_query($result)

{

if(!$result)

{

//IF the result failes, takes the connection error and displays that, on a new line it displays the last query used.

$output = "This query has failed" . mysqli\_error($this->connection);

$output .= '<br />' . $this->last\_query;

die($output); //Kills the script and outputs the error message

}

}

public function sanitize\_admin\_input($data)

{

$data = trim($data);

$data = filter\_var($data, FILTER\_SANITIZE\_STRING);

$data = ereg\_replace("[^A-Za-z0-9]", "", $data );

return $data;

}

public function check\_user\_exists($username)

{

global $database;

$results = $database->query("SELECT \* FROM users WHERE 'username' ='{$username}'");

$row\_cnt = $results->num\_rows;

return $row\_cnt;

}

public function make\_password\_hash($password,$salt)

{

$hash = hash('sha256', $password);

$password\_hash = hash('sha256', $salt . $hash);

return $password\_hash;

}

public function createSalt()

{

$string = md5(uniqid(rand(), true));

return substr($string, 0, 9);

}

}

$database = new Database();

?>