

```

<?php
function check_email($email) {
    $regex = "/^[_a-z0-9-]+(\\.[_a-z0-9-]+)*@[a-z0-9-]+(\\.[a-z0-9-]+)*(\\.[a-z]{2,3})$/";
    if (preg_match($regex,$email)) {
        return true;
    } else {
        return false;
    }
}

class pgContent {
    var $pTitle = "Portfolio of David Vernon";
    var $pURL = "home.php";
    var $pIdx = 0;
    var $pUser = "N";
    var $mnuTitle = array();
    var $conPageTitle = array();
    var $conURL = array();
    var $conFunction = array();
    var $conUser = array();
    var $mStyle = 1;
    var $bgColor = "#000000";

    function load_menu() {
        $this->mnuTitle = array("Home");
        $this->conPageTitle = array("Home Page");
        $this->conURL = array("home.php");
        $this->conFunction = array(NULL);
        $this->conUser = array("N");
        $mnudb = new mSQL;
        if (isset($_SESSION['logged']) and $_SESSION['logged']->authentication == "Successful") {
            $whr = "active='Y'";
        } else {
            $whr = "active='Y' AND useronly='N'";
        }
        $itms = $mnudb->selectQ("menu_items","*",$whr,"Idx ASC");
        foreach ($itms as $item) {
            array_push($this->mnuTitle, $item["menutitle"]);
            array_push($this->conPageTitle, $item["pagetitle"]);
            array_push($this->conURL, $item["pageURL"]);
            array_push($this->conFunction, $item["pFunction"]);
            array_push($this->conUser, $item["useronly"]);
        }
    }

    function load_index() {
        $rtn_value = array(array("Home Page","N","0"));
        $myDB = new mSQL;
        $itms = $myDB->selectQ("menu_items","*","active='Y'", "Idx ASC");
        foreach ($itms as $item) {
            $i = -1;
            for ($x = 1; $x < count($this->conURL); $x++) {
                if ($this->conURL[$x] == $item["pageURL"]) $i = $x;
            }
            array_push($rtn_value,array($item["pagetitle"],$item["useronly"],$i));
        }
    }
}

```

```

    }
    return $rtn_value;
}
function load_style($style) {
    $this->mStyle = $style;
    switch ($style) {
        case "1":
            $this->bgColor = "#000000";
            break;
        case "2":
            $this->bgColor = "#984005";
            break;
        case "3":
            $this->bgColor = "#435317";
            break;
        case "4":
            $this->bgColor = "#A91D43";
            break;
        case "5":
            $this->bgColor = "#494994";
            break;
    }
}
function PageProcess($p) {
    if ($p == "login") {
        if (!isset($_SESSION['logged'])) {
            $_SESSION['logged'] = new LoginBox;
        }
        $_SESSION['logged']->login_process();
        $this->pIdx = 999;
        switch($_SESSION['logged']->authentication) {
            case "LogIn":
                $this->pTitle = $_SESSION['logged']->logtitle;
                $this->pURL = "LogInFrm.php";
                break;
            case "Register":
                $this->pTitle = "Register New User";
                $this->pURL = "LogInFrm.php";
                break;
            case "Failed":
                $this->pTitle = $_SESSION['logged']->logtitle;
                $this->pURL = "LogInFrm.php";
                break;
            case "Successful":
                $this->pTitle = "Welcome " . $_SESSION['logged']->uname;
                $this->pURL = "LogInFrm.php";
                break;
        }

    } elseif ($p == "logout") {
        unset($_SESSION['logged']);
        $this->load_menu();
        $this->load_style(1);
        if ($this->pUser == "Y") {

```

```

        $this->pIdx = 0;
        $this->pTitle = "Home Page";
        $this->pURL = "home.php";
    }
} elseif ($p == "siteindex") {
    $this->pIdx = "siteindex";
    $this->pURL = "site-map.php";
    $this->pTitle = "Site Map";
} else {
    if (isset($_SESSION['logged']) and $_SESSION['logged']->authentication <> "Successful") {
        unset($_SESSION['logged']);
    }
    if ($p <> 99) {
        if (!is_null($this->conFunction[$p])) {
            $this->conFunction[$p]();
        }
        $this->pTitle = $this->conPageTitle[$p];
        $this->pURL = $this->conURL[$p];
        $this->pIdx = $p;
        $this->pUser = $this->conUser[$p];
        if (isset($_SESSION['mySlides']) and $this->pURL <> "slide-show.php") {
            unset($_SESSION['mySlides']);
        }
    } else {
        if (isset($_REQUEST['l']) and $_REQUEST['l'] == "Save Changes") {
            $_SESSION['logged']->
>UpdateUserInfo($_POST['fname'],$_POST['pword1'],$_POST['pword2'],$_POST['email'],$_POST['hphone'],$_POST
['aphone'],$_POST['addr1'],$_POST['addr2'],$_POST['city'],$_POST['state'],$_POST['zip'],$_POST['mstyle']);
            $_SESSION['logged']->uname = $_POST['fname'];
        } else {
            echo "Form processing error";
        }
    }
}
}
}
}
}
class LoginBox {
    var $logtitle = "Log In";
    var $usertxt = "User Name";
    var $passtxt = "Password";
    var $btntxt = "Submit";
    var $newtxt = "Create New User";
    var $uname;
    var $user;
    var $pass;
    var $uwoeid;
    var $authenticated = False;
    var $authentication = "LogIn";
    var $successfulMSG = "You have successfully Logged In";
    var $failedMSG = "Your User Name and/or Password are incorrect";
    var $logoutMSG = "You are now Logged Out";

    function login_process() {
        if ($this->authentication == "LogIn") {

```

```

        if (isset($_POST["l"])) {
            if ($_POST["l"] == $this->btntxt) {
                $this->AuthLogin();
            } else if ($_POST["l"] == $this->newtxt) {
                $this->authentication = "Register";
            }
        }
    } else if ($this->authentication == "Register") {
        if (isset($_POST["s"])) {
            if ($_POST["s"] == "Register") {
                if ($_POST['fname'] <> "") {
                    $this->uname = $_POST['fname'];
                }
                if ($_POST['user'] <> "") {
                    $user = new mSQL;
                    $luser = $user->selectQ("users","*","username='".$_POST['user']."'");
                    if ($luser[0]['username'] <> $_POST['user']) {
                        $this->user = $_POST['user'];
                        if ($_POST['pword1'] <> "") {
                            if ($_POST['pword1'] == $_POST['pword2']) {
                                $this->pass = $_POST['pword1'];
                                $luser = $user->insertQ("users",array("fullname","username","password","resume","code","bcolor","fcolor","font","link","visited","m
nuschema"),array($this->uname,$this->user,$this->pass,"N","N","black","white","sans-serif","white","yellow","1"));
                                if ($luser) {
                                    $this->uwoeid = NULL;
                                    $this->authentication = "Successful";
                                    $_SESSION['myContent']->load_menu();
                                } else {
                                    $_SESSION['registrywarning'] = "Error when adding user
to database";
                                }
                            } else {
                                $_SESSION['registrywarning'] = "Password and Confirmed
Password do not match";
                            }
                        } else {
                            $_SESSION['registrywarning'] = "Password must not be left blank";
                        }
                    } else {
                        $_SESSION['registrywarning'] = "User Name already in use. Please
choose another.";
                    }
                } else {
                    $_SESSION['registrywarning'] = "User Name must not be left blank";
                }
            } else {
                $_SESSION['registrywarning'] = "Full Name must not be left blank";
            }
        } else {
            $this->authentication = "LogIn";
        }
    }
} else {
    $_SESSION["mnuLogIn"] = "Log In";
}

```

```

        $_SESSION['msgpagemsg'] = $this->logoutMSG;
        session_destroy();
        return "LoadLogin";
    }
}
function AuthLogin() {
    if (isset($_POST['user'])) {
        $this->user = $_POST['user'];
        $this->pass = $_POST['pword'];
        $this->authenticated = True;
        $user = new mSQL;
        $luser = $user->selectQ("users","*", "username='".$this->user."'","");
        if (isset($luser[0]["username"]) AND $luser[0]["username"] == $this->user AND
        $luser[0]["password"] == $this->pass) {
            $this->uname = $luser[0]["fullname"];
            $this->uwoeid = $luser[0]["user_woeid"];
            $this->authentication = "Successful";
            $_SESSION['myContent']->load_menu();
            $_SESSION['myContent']->load_style($luser[0]["mnuschema"]);
        } else {
            $this->authentication = "Failed";
            session_destroy();
        }
    } else {
        $this->authentication = "LogIn";
    }
}
function
UpdateUserInfo($fullname,$pass1,$pass2,$email,$hphone,$aphone,$addr1,$addr2,$city,$state,$zip,$mstyle) {
    $user = new mSQL;
    if ($pass1 <> "") {
        if ($pass1 == $pass2) {
            $luser = $user->updateQ("users","username='".$this->
>user."'",array("password"),array($pass1));
        } else {
            $_SESSION['usermsg'] = "Passwords do not match, unable to save new password.";
        }
    }
    $luser = $user->updateQ("users","username='".$this->
>user."'",array("fullname","email","homephone","altphone","address1","address2","city","state","zip","mnuschema"),ar
ray($fullname,$email,$hphone,$aphone,$addr1,$addr2,$city,$state,$zip,$mstyle));
    if (!isset($_SESSION['usermsg']) and $luser) {
        $_SESSION['myContent']->load_style($mstyle);
        $_SESSION['usermsg'] = "Changes Saved Successfully";
    }
}
}
class forum_discussion {
    var $T;
    var $P;
    var $C;

    function loadTopics() {
        $fdata = new mSQL;

```

```

        return $fdata->selectQ("forum","*", "parent = '0'", "ID ASC");
    }
    function setVar($stop,$pst) {
        $this->P = $stop;
        $this->C = $pst;
        $fdata = new mSQL;
        $topic = $fdata->selectQ("forum","*", "ID = '". $stop. "'", "");
        $this->T = $topic[0]['posttext'];
    }
    function loadPosts($topic) {
        $fdata = new mSQL;
        return $fdata->selectQ("forum","*", "parent = '". $topic. "'", "postdate DESC");
    }
    function postCount($topic) {
        $fdata = new mSQL;
        $posts = $fdata->selectQ("forum","*", "parent = '". $topic. "'", "");
        if ($posts) {
            return count($posts);
        } else {
            return 0;
        }
    }
    function loadComments($post) {
        $fdata = new mSQL;
        return $fdata->selectQ("forum","*", "parent = '". $post. "'", "postdate DESC");
    }
    function commentCount($post) {
        $fdata = new mSQL;
        $comments = $fdata->selectQ("forum","*", "parent = '". $post. "'", "");
        if ($comments) {
            return count($comments);
        } else {
            return 0;
        }
    }
    function SavePost($sub,$bdy) {
        $fdata = new mSQL;
        return $fdata->insertQ("forum",array("parent","user","subject","postdate","posttext"),array($this-
>P,$_SESSION['logged']->user,$sub,date("Y-m-d H:i:s"),$bdy));
    }
    function SaveComment($bdy) {
        $fdata = new mSQL;
        return $fdata->insertQ("forum",array("parent","user","subject","postdate","posttext"),array($this-
>C,$_SESSION['logged']->user,"",date("Y-m-d H:i:s"),$bdy));
    }
}
class mSQL {
    private $server = "dvernon1.db.9420823.hostedresource.com";
    private $user = "dvernon1";
    private $pass = "Dv@42529286";
    private $database = "dvernon1";

    function __construct() {
        try {

```

```

$db = @mysql_connect ($this->server,$this->user,$this->pass);
if (!$db)
    throw new dbConnectException();
$ds = @mysql_select_db ($this->database);
if (!$ds)
    throw new dbSelectException();
} catch (dbConnectionException $foe) {
    echo "Error occured during database connection";
} catch (dbSelectException $foe) {
    echo "Error occured during database selection";
}
}
function insertQ($table, $fields, $fielddata) {
    try {
        if (count($fields) <> count($fielddata))
            throw new dbQFormatException();
        $a = $fields[0];
        $b = ""'.addslashes($fielddata[0]).""';
        for ($x = 1; $x <= count($fields)-1; $x++) {
            $a = $a.", ".$fields[$x];
            $b = $b.", ""'.addslashes($fielddata[$x]).""';
        }
        $query = "INSERT INTO ".$table." (".$a.") VALUES (".$b.)";
        $result = mysql_query($query);
        return $result;
    } catch (dbQFormatException $foe) {
        echo "Error in Insert Query Format";
    }
}
function updateQ($table, $where, $fields, $fielddata) {
    try {
        if (count($fields) <> count($fielddata))
            throw new dbQFormatException();
        $query = "UPDATE ".$table." SET ".$fields[0]."=".'".addslashes($fielddata[0]).""';
        for ($x = 1; $x <= count($fields)-1; $x++) {
            $query = $query.", ".$fields[$x]."=".'".addslashes($fielddata[$x]).""';
        }
        $query = $query." WHERE ".$where;
        $result = mysql_query($query);
        return $result;
    } catch (dbQFormatException $foe) {
        echo "Error in Update Query Format";
    }
}
function selectQ($table, $fields="*", $where, $order) {
    $query = "SELECT ".$fields." FROM ".$table;
    if ($where <> "") {
        $query = $query." WHERE ".$where;
    }
    if ($order <> "") {
        $query = $query." ORDER BY ".$order;
    }
    $result = mysql_query($query);
    if (mysql_num_rows($result) == 0) {

```

```

        return False;
    } else {
        $x = 0;
        while($row=mysql_fetch_array($result)) {
            $myResults[$x] = $row;
            $x++;
        }
        return $myResults;
    }
}

}

class slideshow_images {
    var $images = array();
    var $current_img = 0;
    var $show_on = False;

    function __construct() {
        $imgDB = new mSQL;
        $this->images = $imgDB->selectQ("slides","*","", "");
        shuffle($this->images);
    }
}

class yahoo_weather {
    var $default_woeid = "2471390";
    var $woeid;
    var $title;
    var $weather_data;

    function get_woeid($location) {
        $xml_URL = "http://query.yahooapis.com/v1/public/yql?
q=select%20*%20from%20geo.places%20where%20text%3D%22".urlencode($location)."%22&format=xml";
        $feed = simplexml_load_file($xml_URL);
        $loc_results = array();
        $place = $feed->results->place;
        for ($x = 0; $x < sizeof($place); $x++) {
            $type = $place[$x]->placeTypeName;
            if ($type == "Town" or $type == "Zip Code") {
                $a = array($place[$x]->name,$place[$x]->admin1,$place[$x]->country,$place[$x]->woeid);
                array_push($loc_results,$a);
            }
        }
        return $loc_results;
    }

    function get_weather($wid) {
        $xml_URL = "http://weather.yahooapis.com/forecastrss?w=".$wid."&u=f";
        $feed = simplexml_load_file($xml_URL);
        $weather = $feed->channel;
        $this->woeid = $wid;
        $this->title = $weather->title;
        $this->weather_data = str_replace("<a href","<a target='_blank' href", $weather->item->description);
    }
}

?>

```