<?php

/\*\*

\* Plugin Name: PWA Camera

\* Plugin URI: https://www.pwa.com/

\* Description: PWA Camera Plugin

\* Version: 1.0.11

\* Author: Alfred

\* Author URI: http://www.pwa.com

\*/

/\*

v1.0.9

- email configuration

- shortcode pwa camera with device selection

- support environment facing camera

v1.0.10

- bugs fixes on syntax return

\*/

/\*\*\*\*\*\*\*\*\*\*\* ADMIN MENU \*\*\*\*\*\*\*\*\*\*\*\*\*\*/

add\_action('admin\_menu', 'setup\_menu');

//for add/edit records

//add\_action('admin\_post\_nopriv\_pc-add', 'pcAdd');

//add\_action('admin\_post\_pc-add', 'pcAdd');

//for delete records

add\_action('admin\_post\_nopriv\_pc-delete', 'pcDelete');

add\_action('admin\_post\_pc-delete', 'pcDelete');

//action: save

add\_action('admin\_post\_nopriv\_save', 'save');

add\_action('admin\_post\_save', 'save');

// register shortcode

add\_shortcode('pwacamera', 'camera\_shortcode');

//menu, submenu init

function setup\_menu(){

//page title, menu label, ?, query parameter, callback

add\_menu\_page( 'Camera', 'Camera', 'manage\_options', 'init', 'init' );

//admin page without menu - view/edit member, delete member page

//add\_submenu\_page(null, 'View/Edit Package Calculator Record', 'View/Edit Package Calculator Record', 'manage\_options', 'pc-edit', 'pcEdit');

add\_submenu\_page(null, 'Delete Package Calculator Record', 'Delete Package Calculator Record', 'manage\_options', 'pc-delete', 'pcDelete');

}

//init menu

function init(){

//db for email configuration

echo "<script>

function doValidate(){

if(document.getElementById('emailAddr').value.trim()==''){

alert('Email Address is required!');

return false;

} else {

if (/^[a-zA-Z0-9.!#$%&'\*+/=?^\_`{|}~-]+@[a-zA-Z0-9-]+(?:\.[a-zA-Z0-9-]+)\*$/.test(document.getElementById('emailAddr').value)){

return true;

} else {

alert('Invalid Email Address!');

}

return false;

}

}

</script>";

//check if email config table exists?

global $wpdb;

$sqlTableHeader = 'CREATE TABLE `'.$wpdb->prefix.'pwa\_email` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`email` varchar(500) COLLATE utf8mb4\_unicode\_ci NOT NULL,

`createddate` datetime DEFAULT NULL,

`lastupdated` datetime DEFAULT NULL,

UNIQUE KEY `ID` (`id`)

) ENGINE=InnoDB AUTO\_INCREMENT=0 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_unicode\_ci;';

require\_once( ABSPATH . 'wp-admin/includes/upgrade.php' );

dbDelta( $sqlTableHeader );

global $wpdb;

$result = $wpdb->get\_results ("SELECT \* FROM " . $wpdb->prefix . "pwa\_email ORDER BY id DESC LIMIT 1"); //latest on top

$rowCount = $wpdb->num\_rows;

$email="";

if($rowCount>0){

foreach ( $result as $row ){

$email = $row->email;

}

}

//check if table exists?

global $wpdb;

$sqlTableHeader = 'CREATE TABLE `'.$wpdb->prefix.'pwa\_camera` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`imagefile` varchar(500) COLLATE utf8mb4\_unicode\_ci NOT NULL,

`createddate` datetime DEFAULT NULL,

`lastupdated` datetime DEFAULT NULL,

UNIQUE KEY `ID` (`id`)

) ENGINE=InnoDB AUTO\_INCREMENT=0 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_unicode\_ci;';

require\_once( ABSPATH . 'wp-admin/includes/upgrade.php' );

dbDelta( $sqlTableHeader );

echo "<h1>Email Setting</h1>";

if(isset($\_GET["act"])){

if($\_GET["act"]=="1"){

echo '<div class="notice notice-warning is-dismissible"><p>Email address is saved successfully!</p></div>';

}

}

echo "<p>Configure your email address here to received the PWA Image Capture:</p>";

echo "<form id='emailForm' name='emailForm' method='POST' action='". esc\_url(admin\_url('admin-post.php')) . "?action=update' onsubmit='return doValidate();'>";

echo "<table cellpadding='2'>";

echo '<tr><td>\*Email Address:</td><td><input type="text" id="emailAddr" name="emailAddr" class="" style="width:300px;" value="'.$email.'"/></td></tr>';

echo "<tr><td>&nbsp;</td><td></td></tr></table>";

echo "<input type='submit' value='Save' class='button-primary' style='width:120px;height:40px;'/>";

echo "<p>&nbsp;</p><hr /></p>&nbsp;</p>";

echo "<h1>Captured Image Listing</h1>";

global $wpdb;

$result = $wpdb->get\_results ("SELECT \* FROM " . $wpdb->prefix . "pwa\_camera ORDER BY createddate DESC"); //latest on top

$rowCount = $wpdb->num\_rows;

$imagefile="";

$createddate="";

$id=-1;

$short\_description = "";

if($rowCount>0){

foreach ( $result as $row ){

$id = $row->id;

$imagefile = $row->imagefile;

$createddate = $row->createddate;

$imURL = '../wp-content/uploads/'.$imagefile;

echo '<a href="'.$imURL.'" target="\_blank">'.$imagefile . '</a> Taken: ' . $createddate . '<br />';

}

} else {

echo 'No captured image found.';

}

jsDelete(); //print delete js

}

/\*admin function to update email\*/

add\_action( 'admin\_post\_nopriv\_update', 'update' );

add\_action( 'admin\_post\_update', 'update');

function update(){

//template\_tour\_id

//template\_price\_id

//selectedValues

if(isset($\_GET["action"])){

if($\_GET["action"]=="update"){

$email = $\_POST["emailAddr"];

global $wpdb;

$wpdb->insert(

$wpdb->prefix.'pwa\_email',

array(

'email' => $email,

'lastupdated' => current\_time('mysql', 1),

'createddate' => current\_time('mysql', 1)

)

);

}

wp\_redirect(admin\_url('admin.php?page=init&act=1'));

}

}

/\*end of admin function to update email\*/

/\*\*\*\*\*\*\*\* steps and feature table \*\*\*\*\*\*\*\*\*\*\*/

function jsDelete(){

echo '<script>

function confirmDelete(tbl, id){

if(confirm("Are you sure want to delete this record?")){

document.location.href="'.esc\_url(admin\_url('admin-post.php')).'?action=pc-delete&tbl=" + tbl + "&id=" + id;

}

}

</script>';

}

/\*\*\*\*\*\*\* for record DELETE \*\*\*\*\*\*\*\*\*\*\*\*\*\*/

function pcDelete(){

if(isset($\_GET["action"])){

if($\_GET["action"]=="pc-delete"){

$tbl = "";

if(isset($\_GET["tbl"])){

if($\_GET["tbl"]!=""){

$tbl = $\_GET["tbl"];

//$id = -1;

//if(isset($\_POST[]))

switch ($tbl) {

case "pwa\_camera":

dbPackage();

break;

default:

echo '<h1>ERROR: Invalid Action</h1>';

}

}

} else {

echo '<h1>ERROR: Invalid Action</h1>';

}

}

} else {

echo '<h1>ERROR: Invalid Action</h1>';

}

}

/\*\*\*\*\*\*\*\*\*\*\* SHORT CODE \*\*\*\*\*\*\*\*\*\*\*\*\*/

function camera\_shortcode(){

ob\_start();

//echo style

echo '<style>

#container {

margin: 0px auto;

width: 500px;

height: 375px;

border: 10px #333 solid;

}

#videoElement {

width: 500px;

height: 375px;

background-color: #666;

}

#canvas{

display:none;

}

.output{

display:none;

}

</style>';

//echo html + js

echo '<center><h2><a id="lblAction" href="javascript:;" onclick="toggleCamera();">Open Camera</a></h2></center>

<div id="container">

<video controls autoplay playsInline id="videoElement">

</video>

</div>

<center><h2><a id="lblAction" href="javascript:;" onclick="takePicture();">&#128247;</a></h2></center>

<center>v1.0.11</center>

<canvas id="canvas" style="display:none;">

</canvas>

<div class="output" style="display:none;">

<img id="photo" alt="The screen capture will appear in this box.">

</div>

<a href="" id="downloadPhoto" download="my-photo.jpg" style="display:none;">Download Photo</a>

<script>

//var width = 1280; // We will scale the photo width to this

//var height = 720; // This will be computed based on the input stream

var width = 420; // We will scale the photo width to this

var height = 360;

var streaming = false;

var canvas = null;

var photo = null;

var startbutton = null;

var video = document.querySelector("#videoElement");

canvas = document.getElementById("canvas");

photo = document.getElementById("photo");

const supports = navigator.mediaDevices.getSupportedConstraints();

if (!supports["facingMode"]) {

alert("Browser Not supported!");

}

let stream;

const capture = async facingMode => {

const options = {

audio: false,

video: {

facingMode,

},

};

try {

if (stream) {

const tracks = stream.getTracks();

tracks.forEach(track => track.stop());

height = video.videoHeight / (video.videoWidth/width);

video.setAttribute("width", width);

video.setAttribute("height", height);

canvas.setAttribute("width", width);

canvas.setAttribute("height", height);

}

stream = await navigator.mediaDevices.getUserMedia(options);

} catch (e) {

alert(e);

return;

}

video.srcObject = null;

video.srcObject = stream;

video.play();

}

function toggleCamera(e){

if(document.getElementById("lblAction").innerHTML=="Open Camera"){

document.getElementById("lblAction").innerHTML = "Close Camera";

capture("environment");

} else {

document.getElementById("lblAction").innerHTML = "Open Camera";

stop();

}

}

function stop(e) {

var stream = video.srcObject;

var tracks = stream.getTracks();

for (var i = 0; i < tracks.length; i++) {

var track = tracks[i];

track.stop();

}

//video.pause();

video.srcObject = null;

}

function takePicture() {

video.pause();

var context = canvas.getContext("2d");

console.log(width, height);

console.log((width && height));

if (width && height) {

console.log("take picture");

canvas.width = width;

canvas.height = height;

context.drawImage(video, 0, 0, width, height);

var data = canvas.toDataURL("image/jpeg", 1.0);

photo.setAttribute("src", data);

//console.log(data);

saveImage(data);

downloadImage();

//video.pause();

//stop(); //close camera

//document.getElementById("lblAction").innerHTML = "Open Camera";

document.getElementById("downloadPhoto").click();

setTimeout(function () {

video.play();

}, 700);

} else {

clearphoto();

}

}

//download image

function downloadImage() {

const download = document.getElementById("downloadPhoto");

const canvas = document.getElementById("canvas").toDataURL("image/jpeg").replace("image/jpeg", "image/octet-stream");

download.setAttribute("href", canvas);

//download.style.display="block";

}

//end download image

function clearphoto() {

var context = canvas.getContext("2d");

context.fillStyle = "#AAA";

context.fillRect(0, 0, canvas.width, canvas.height);

var data = canvas.toDataURL("image/jpeg", 1.0);

photo.setAttribute("src", data);

}

clearphoto();

function saveImage(data){

const formData = new FormData();

formData.append("dataURL", data);

fetch("'.esc\_url(admin\_url("admin-post.php")) . '?action=save'.'", {

method: "POST",

body: formData

});

//alert("Photo is Taken.");

}

</script>';

//end echo html + js

return ob\_get\_clean();

}

function save(){

if(isset($\_GET["action"])){

if($\_GET["action"]=="save"){

$data = $\_POST["dataURL"];

//$data = '';

list($type, $data) = explode(';', $data);

list(, $data) = explode(',', $data);

$data = base64\_decode($data);

$imFile = 'image-'.date('YmdHis').'.jpg';

file\_put\_contents('../wp-content/uploads/'.$imFile, $data);

global $wpdb;

$wpdb->insert(

$wpdb->prefix.'pwa\_camera',

array(

'imagefile' => $imFile,

'lastupdated' => current\_time('mysql', 1),

'createddate' => current\_time('mysql', 1)

)

);

$record\_id = $wpdb->insert\_id;

}

}

}

?>