**DATABASE MANAGEMENT SYSTEM**

**IT EMPLOYEE LEAVE MANAGEMENT SYSTEM**

**ABSTRACT:**

In the existing IT Employee Leave Management System, every Employee has Department follows manual procedure in which family enters in the records. At the end months are calculating. Administration Department Calculates leave of every members which is a time taking process and there are chances of losing data or errors in the record.

This module is a single leave management system that critical for HR task and keeps the record of vital information regarding working hours and leaves. It intelligently adapts to HR policy of the management and allows employees and their line manages to manage leaves and replacement. In this module, Head of Department (HOD) will have permission to look after data of every faculty member of their department. HOD can approve leave through this application and can view leave information.

**PROGRAMMING LANGUAGE:**

**Front end:**

**** Html

 CSS

**Back end:**

**** JQuery

 PHP

 MYSQL

**SOURCE CODE:**

&lt;?php

session\_start();

error\_reporting(0);

include(&#39;includes/config.php&#39;);

if(strlen($\_SESSION[&#39;emplogin&#39;])==0)

{header(&#39;location:index.php&#39;);}

else{

if(isset($\_POST[&#39;apply&#39;]))

{

$empid=$\_SESSION[&#39;eid&#39;];

$leavetype=$\_POST[&#39;leavetype&#39;];

$fromdate=$\_POST[&#39;fromdate&#39;];

$todate=$\_POST[&#39;todate&#39;];

$description=$\_POST[&#39;description&#39;];

$status=0;

$isread=0;

if($fromdate &gt; $todate){

$error=&quot; ToDate should be greater than FromDate &quot;;

}

$sql=&quot;INSERT INTO tblleaves(LeaveType,ToDate,FromDate,Description,Status,IsRead,empid)

VALUES(:leavetype,:todate,:fromdate,:description,:status,:isread,:empid)&quot;;

$query = $dbh-&gt;prepare($sql);

$query-&gt;bindParam(&#39;:leavetype&#39;,$leavetype,PDO::PARAM\_STR);

$query-&gt;bindParam(&#39;:fromdate&#39;,$fromdate,PDO::PARAM\_STR);

$query-&gt;bindParam(&#39;:todate&#39;,$todate,PDO::PARAM\_STR);

$query-&gt;bindParam(&#39;:description&#39;,$description,PDO::PARAM\_STR);

$query-&gt;bindParam(&#39;:status&#39;,$status,PDO::PARAM\_STR);

$query-&gt;bindParam(&#39;:isread&#39;,$isread,PDO::PARAM\_STR);

$query-&gt;bindParam(&#39;:empid&#39;,$empid,PDO::PARAM\_STR);

$query-&gt;execute();

$lastInsertId = $dbh-&gt;lastInsertId();

if($lastInsertId)

{ $msg=&quot;Leave applied successfully&quot;;}

else

{

$error=&quot;Something went wrong. Please try again&quot;;

} }

?&gt;

&lt;!DOCTYPE html&gt;

&lt;html lang=&quot;en&quot;&gt;

&lt;head&gt;

&lt;!-- Title --&gt;

&lt;title&gt;Employe | Apply Leave&lt;/title&gt;

&lt;meta name=&quot;viewport&quot; content=&quot;width=device-width, initial-scale=1.0, maximum-scale=1.0, user-

scalable=no&quot;/&gt;

&lt;meta charset=&quot;UTF-8&quot;&gt;

&lt;meta name=&quot;description&quot; content=&quot;Responsive Admin Dashboard Template&quot; /&gt;

&lt;meta name=&quot;keywords&quot; content=&quot;admin,dashboard&quot; /&gt;

&lt;meta name=&quot;author&quot; content=&quot;Steelcoders&quot; /&gt;

&lt;!-- Styles --&gt;

&lt;link type=&quot;text/css&quot; rel=&quot;stylesheet&quot; href=&quot;assets/plugins/materialize/css/materialize.min.css&quot;/&gt;

&lt;link href=&quot;http://fonts.googleapis.com/icon?family=Material+Icons&quot; rel=&quot;stylesheet&quot;&gt;

&lt;link href=&quot;assets/plugins/material-preloader/css/materialPreloader.min.css&quot; rel=&quot;stylesheet&quot;&gt;

&lt;link href=&quot;assets/css/alpha.min.css&quot; rel=&quot;stylesheet&quot; type=&quot;text/css&quot;/&gt;

&lt;link href=&quot;assets/css/custom.css&quot; rel=&quot;stylesheet&quot; type=&quot;text/css&quot;/&gt;

&lt;style&gt;

.errorWrap {

padding: 10px;

margin: 0 0 20px 0;

background: #fff;

border-left: 4px solid #dd3d36;

-webkit-box-shadow: 0 1px 1px 0 rgba(0,0,0,.1);

box-shadow: 0 1px 1px 0 rgba(0,0,0,.1);

}

.succWrap{

padding: 10px;

margin: 0 0 20px 0;

background: #fff;

border-left: 4px solid #5cb85c;

-webkit-box-shadow: 0 1px 1px 0 rgba(0,0,0,.1);

box-shadow: 0 1px 1px 0 rgba(0,0,0,.1); }

&lt;/style&gt;

&lt;/head&gt;

&lt;body&gt;

&lt;?php include(&#39;includes/header.php&#39;);?&gt;

&lt;?php include(&#39;includes/sidebar.php&#39;);?&gt;

&lt;main class=&quot;mn-inner&quot;&gt;

&lt;div class=&quot;row&quot;&gt;

&lt;div class=&quot;col s12&quot;&gt;

&lt;div class=&quot;page-title&quot;&gt;Apply for Leave&lt;/div&gt;

&lt;/div&gt;

&lt;div class=&quot;col s12 m12 l8&quot;&gt;

&lt;div class=&quot;card&quot;&gt;

&lt;div class=&quot;card-content&quot;&gt;

&lt;form id=&quot;example-form&quot; method=&quot;post&quot; name=&quot;addemp&quot;&gt;

&lt;div&gt;

&lt;h3&gt;Apply for Leave&lt;/h3&gt;

&lt;section&gt;

&lt;div class=&quot;wizard-content&quot;&gt;

&lt;div class=&quot;row&quot;&gt;

&lt;div class=&quot;col m12&quot;&gt;

&lt;div class=&quot;row&quot;&gt;

&lt;?php if($error){?&gt;&lt;div class=&quot;errorWrap&quot;&gt;&lt;strong&gt;ERROR &lt;/strong&gt;:&lt;?php echo htmlentities($error); ?&gt;

&lt;/div&gt;&lt;?php }

else if($msg){?&gt;&lt;div class=&quot;succWrap&quot;&gt;&lt;strong&gt;SUCCESS&lt;/strong&gt;:&lt;?php echo htmlentities($msg);

?&gt; &lt;/div&gt;&lt;?php }?&gt;

&lt;div class=&quot;input-field col s12&quot;&gt;

&lt;select name=&quot;leavetype&quot; autocomplete=&quot;off&quot;&gt;

&lt;option value=&quot;&quot;&gt;Select leave type...&lt;/option&gt;

&lt;?php $sql = &quot;SELECT LeaveType from tblleavetype&quot;;

$query = $dbh -&gt; prepare($sql);

$query-&gt;execute();

$results=$query-&gt;fetchAll(PDO::FETCH\_OBJ);

$cnt=1;

if($query-&gt;rowCount() &gt; 0) {

foreach($results as $result) { ?&gt;

&lt;option value=&quot;&lt;?php echo htmlentities($result-&gt;LeaveType);?&gt;&quot;&gt;&lt;?php echo htmlentities($result-

&gt;LeaveType);?&gt;&lt;/option&gt;

&lt;?php }} ?&gt;

&lt;/select&gt;

&lt;/div&gt;

&lt;div class=&quot;input-field col m6 s12&quot;&gt;

&lt;label for=&quot;fromdate&quot;&gt;From Date&lt;/label&gt;

&lt;input placeholder=&quot;&quot; id=&quot;mask1&quot; name=&quot;fromdate&quot; class=&quot;masked&quot; type=&quot;text&quot; data-inputmask=&quot;&#39;alias&#39;: &#39;date&#39;&quot;

required&gt;

&lt;/div&gt;

&lt;div class=&quot;input-field col m6 s12&quot;&gt;

&lt;label for=&quot;todate&quot;&gt;To Date&lt;/label&gt;

&lt;input placeholder=&quot;&quot; id=&quot;mask1&quot; name=&quot;todate&quot; class=&quot;masked&quot; type=&quot;text&quot; data-inputmask=&quot;&#39;alias&#39;: &#39;date&#39;&quot;

required&gt;

&lt;/div&gt;

&lt;div class=&quot;input-field col m12 s12&quot;&gt;

&lt;label for=&quot;birthdate&quot;&gt;Description&lt;/label&gt;

&lt;textarea id=&quot;textarea1&quot; name=&quot;description&quot; class=&quot;materialize-textarea&quot; length=&quot;500&quot; required&gt;&lt;/textarea&gt;

&lt;/div&gt;

&lt;/div&gt;

&lt;button type=&quot;submit&quot; name=&quot;apply&quot; id=&quot;apply&quot; class=&quot;waves-effect waves-light btn indigo m-b-

xs&quot;&gt;Apply&lt;/button&gt;

&lt;/div&gt;

&lt;/div&gt;

&lt;/section&gt;

&lt;/section&gt;

&lt;/div&gt;

&lt;/form&gt;

&lt;/div&gt;

&lt;/div&gt;

&lt;/div&gt;

&lt;/div&gt;

&lt;/main&gt;

&lt;/div&gt;

&lt;div class=&quot;left-sidebar-hover&quot;&gt;&lt;/div&gt;

&lt;!-- Javascripts --&gt;

&lt;script src=&quot;assets/plugins/jquery/jquery-2.2.0.min.js&quot;&gt;&lt;/script&gt;

&lt;script src=&quot;assets/plugins/materialize/js/materialize.min.js&quot;&gt;&lt;/script&gt;

&lt;script src=&quot;assets/plugins/material-preloader/js/materialPreloader.min.js&quot;&gt;&lt;/script&gt;

&lt;script src=&quot;assets/plugins/jquery-blockui/jquery.blockui.js&quot;&gt;&lt;/script&gt;

&lt;script src=&quot;assets/js/alpha.min.js&quot;&gt;&lt;/script&gt;

&lt;script src=&quot;assets/js/pages/form\_elements.js&quot;&gt;&lt;/script&gt;

&lt;script src=&quot;assets/js/pages/form-input-mask.js&quot;&gt;&lt;/script&gt;

&lt;script src=&quot;assets/plugins/jquery-inputmask/jquery.inputmask.bundle.js&quot;&gt;&lt;/script&gt;

&lt;/body&gt;

&lt;/html&gt;

&lt;?php } ?&gt;

ADMIN DASHBOARD:

