MITSCOIN

MANAGEMENT SYSTEM

PROJECT REPORT

SUBMITTED FOR THE COURSE : DBMS LAB (CSL333)
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ABSTRACT

In the ongoing internet boom across the world and the mission of Digital Indiato simplify every aspect of life, why should we Mitsians stay behind? All of us have experienced that whenever we want to buy/pay for something, we either don't have the money, or we have too much money, i.e. the shopkeepers have no change to pay us back!

OBJECTIVE

This project aims to develop a fully functional website that will cater the needsof tech-savvy MITSians which will enable the user to pay for every service available in MITS minus the hassle of buying goods offline with a comfortable User Interface with a secure database and a proper transaction history that will make life much more easier, benefitting both the buyers and the sellers.

Front-end / Client Side:

The top most visible layer is what's called the Front-end. It is written in HTML and CSS for styling and JavaScript for interactivity and function. The data from this layer has to make it to the user's browser which then turns all the code into something beautiful and interactive.

Back-end/ Server Side:

The "Backend" is where we usually use a programming language (unlike HTML & CSS which are markup languages) such as PHP, Python, Ruby , Java, SQL.
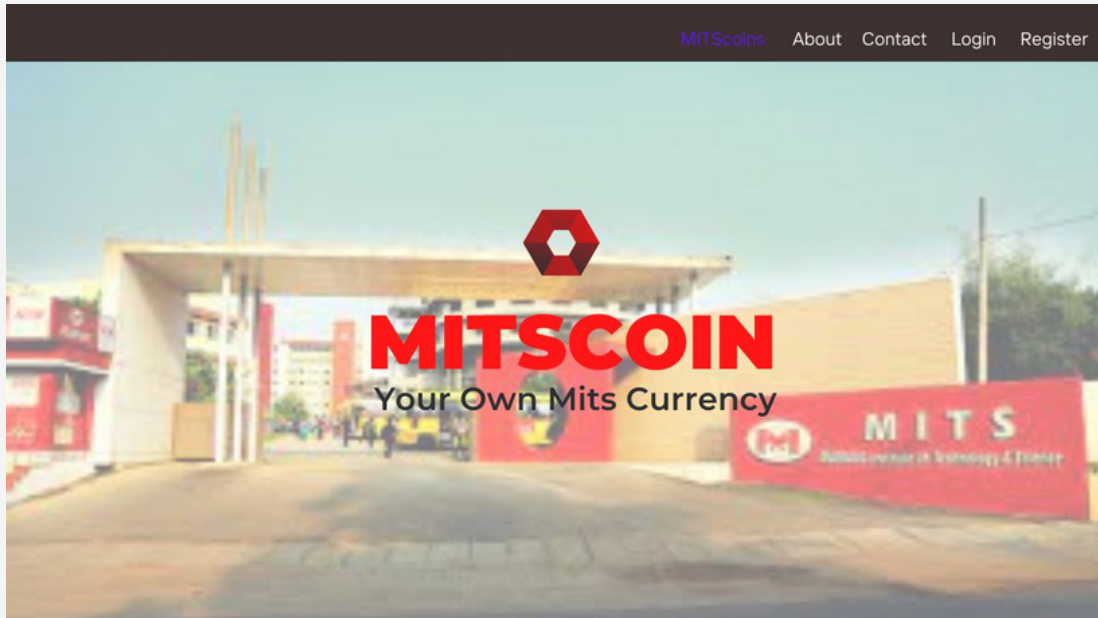
Connectivity

It uses XAMMP for compiling and running the complete project. Localhost is used to refer to the current device used to access it.

SYSTEM INTERFACE DESIGN

Landing page

Login page

Payment page

Wallet: 9.00   About Pay Add MITScoins MyOrders Contact My Account Logout

Enter password

Enter Amount

91

Payment to

Pay

© MITScoins ! All Rights Reserved

Add Money to MITScoin Page

Wallet: 8.00   About Pay Add MITScoins MyOrders Contact My Account Logout

Enter password:

Enter Amount to be added:

2

Add money

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CODE IMPLEMENTATION

```php
<?php
//if (session_status() !== PHP_SESSION_ACTIVE){session_start();}
if(session_id() == '' || !isset($_SESSION)){session_start();}

if(isset($_SESSION["username"])){header("location:index.php");}

include 'config.php';
?>

<!doctype html>
<html class="no-js" lang="en">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0"
/>
  <title>Login</title>
  <link rel="stylesheet" href="css/foundation.css" />
  <style type="text/css">
input[type=email], input[type=password]{
 width: 70%;
 padding: 12px 20px 8px;
 margin: 8px 0;
 display: inline-block;
 border: 1px solid #ccc;
 border-radius: 4px;
 box-sizing: border-box;}
input[type=submit],input[type=reset]{
 width: 20%;
 background-color: #4CAF50;
 color: white;
 padding: 14px 20px;
 margin: 8px 0;
 border: none;
 border-radius: 4px;
 cursor: pointer;}
input[type=submit]:hover,input[type=reset]:hover{
 background-color: #45a049;}
div{
 text-align: center;
 border-radius: 5px;
 background-color: #f2f2f2;
 padding: 20px;}

</style>
<script src="js/vendor/modernizr.js"></script>
</head>
<body>
  <nav class="top-bar" data-topbar role="navigation">
    <ul class="title-area">
      <li class="name">
<?php
if(isset($_SESSION['username'])) {
 $user = $_SESSION["username"];
 $result = $mysqli->query("SELECT wallet from users whereemail='".$user."'");
if($result){
 $obj = $result->fetch_object();
 echo '<h1 style="color: blue;margin-left: 20px;">Wallet:'.$obj->wallet.'<img src="college.png"
 style="width:300px;height:168px;"></h1>';
 }
 }
```

```php
else
 echo '<h1><a href="index.php">MITSCOIN</a></h1>';
 ?>
 </li>
 <li class="toggle-topbar menu-icon"><a
 href="#"><span></span></a></li>
 </ul>
 <section class="top-bar-section">
 <!-- Right Nav Section -->
 <ul class="right">
 <li><a href="about.php">About</a></li>
 <?php
 if(isset($_SESSION['username']))
 {echo '<li><a href="products.php">Pay</a></li>';
 echo '<li><a href="addmoney.php">Add MITSCoins</a></li>';
 echo '<li><a href="orders.php">My Orders</a></li>';
 }
 ?>
 <li><a href="contact.php">Contact</a></li>
 <?php
 if(isset($_SESSION['username'])){
 echo '<li><a href="account.php">My Account</a></li>';
 echo '<li><a href="logout.php">Log Out</a></li>';
 }
 else{
 echo '<li class="active"><a href="login.php">Log In</a></li>';
 echo '<li><a href="register.php">Register</a></li>';
 }
 ?>
 </ul>
 </section>
 </nav>
 <div class="row" style="margin-top:10px;">
 <div class="small-12"><div>
 <form method="POST" action="verify.php">
 <label style="text-align: left; margin:0 135px; font-weight:bolder;" for="left-label">Email</label>
 <input type="email" id="right-label" placeholder=""name="username">
 <label style="text-align: left; margin:0 135px; font-weight:bolder;" for="left-label">Password</label>
 <input type="password" id="right-label" placeholder=""name="pwd"><br>
 <input type="submit" id="right-label" value="Login">
 <input type="reset" id="right-label" value="Reset"style="background-color: red;"><br>
 <a href="resetpassword.php">Forgot password?</a>
 </form>
 </div>
 </div>
 </div>
 <div class="row" style="margin-top:10px;">
 <div class="small-12">
 <footer>
 <p style="text-align:center; font-size:0.8em;">&copy; MITScoins!All Rights Reserved.</p>
 </footer>
 </div>
 </div>
 <script src="js/vendor/jquery.js"></script>
 <script src="js/foundation.min.js"></script>
 <script>
 $(document).foundation();
 </script>
 </body>
 </html>
```

```php
<?php
//if (session_status() !== PHP_SESSION_ACTIVE)
{
session_start();
}
if(session_id() == '' || !isset($_SESSION))
{
session_start();
}
if (isset($_SESSION["username"]))
{
header ("location:index.php");
}
?>
<!doctype html>
<html class="no-js" lang="en">
<head>
<meta charset="utf-8" />
<meta name="viewport" content="width=device-width,
initial-scale=1.0"/>
<title>Register</title>
<link rel="stylesheet" href="css/foundation.css" />
<script src="js/vendor/modernizr.js"></script>
</head>
<body>
<nav class="top-bar" data-topbar role="navigation">
<ul class="title-area">
<li class="name">
</li>
<li class="toggle-topbar menuicon"><ahref="#"><span></span></a></li>
</ul>
<section class="top-bar-section">
<!-- Right Nav Section -->
<ul class="right">
<li><a href="about.php">About</a></li>
<?php
if(isset($_SESSION['username']))
{
echo '<li><a href="products.php">Pay</a></li>';
echo '<li><a href="cart.php">View Cart</a></li>';
echo '<li><a href="orders.php">My Orders</a></li>';
}
?>
<li><a href="contact.php">Contact</a></li>
<?php
if(isset($_SESSION['username']))
{
echo '<li><a href="account.php">My
Account</a></li>';
echo '<li><a href="logout.php">Log Out</a></li>';
}
Else
{
echo '<li><a href="login.php">Log In</a></li>';
echo '<li
class="active"><ahref="register.php">Register</a></li>';
}
?>
</ul>
</section>
</nav>
<form method="POST" action="insert.php" style="margintop:30px;">
</div>
<div class="small-8 columns">
<input type="text" id="right-label" placeholder="Enter
firstname" name="fname">
</div>
</div>
<div class="row">
<div class="small-4 columns">
<label for="right-label" class="right
inline">LastName</label>
</div>
```

```html
<div class="small-8 columns">
<input type="text" id="right-label" placeholder="Enter
lastname" name="lname">
</div>
</div>
<div class="row">
<div class="small-4 columns">
<label for="right-label" class="right
inline">Address</label>
</div>
<div class="small-8 columns">
<input type="text" id="right-label"
placeholder="Enteraddress" name="address">
</div>
</div>
<div class="row">
<div class="small-4 columns">
<label for="right-label" class="right
inline">City</label>
</div>
<div class="small-8 columns">
<input type="text" id="right-label" placeholder="Enter
city"name="city">
</div>
</div>
<div class="row">
<div class="small-4 columns">
<label for="right-label" class="right
inline">PinCode</label>
</div>
<div class="small-8 columns">
<input type="number" id="right-label"
placeholder="Enterpincode" name="pin">
</div>
</div>
<div class="row">
<div class="small-4 columns">
<label for="right-label" class="right inline">EMail</label>
</div>
<div class="small-8 columns">
<input type="email" id="right-label" placeholder="Enter
emailid" name="email">
</div>
</div>
<div class="row">
<div class="small-8">
<div class="row">
<div class="small-4 columns">
<label for="right-label" class="right
inline">FirstName</label>

<div class="row">
<div class="small-4 columns">
<label for="right-label"
class="rightinline">Password</label>
</div>
<div class="small-8 columns">
<input type="password" id="right-label"
placeholder="Enterpassword" name="pwd">
</div>
</div>
<div class="row">
<div class="small-4 columns">
<label for="right-label" class="right
inline">Securityquestion: What is your MITS DBlab password?
(In case you forget yourpassword)</label>
</div>
<div class="small-8 columns">
<input type="text" id="right-label"
placeholder="Enteranswer" name="answer">
</div>
```

```
</div>
<div class="row">
<div class="small-4 columns">
</div>
<div class="small-8 columns">
<input type="submit" id="right-label"
value="Register"style="background: #0078A0; border: none;
color: #fff; font-family:'Helvetica Neue', sans-serif;
font-size: 1em; padding: 10px;">
<input type="reset" id="right-label"
value="Reset"style="background: #0078A0; border: none;
color: #fff; font-family:'Helvetica Neue', sans-serif;
font-size: 1em; padding: 10px;">
<hr>
</div>
</div>
</div>
</div>
</form>
<div class="row" style="margin-top:10px;">
<div class="small-12">
<footer>
<p style="text-align:center; font-size:0.8em;">&copy;
MITCoins!All Rights Reserved.</p>
</footer>
</div>
</div>
<script src="js/vendor/jquery.js"></script>
<script src="js/foundation.min.js"></script>
<script>
$(document).foundation();
</script>
</body>
</html>
```

```
<?php
//if (session_status() !== PHP_SESSION_ACTIVE) {session_start();
}if(session_id() == '' || !isset($_SESSION)){session_start();}

include 'config.php';
?>
<!doctype html>
<html class="no-js" lang="en">
<head>
<meta charset="utf-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0"/>
<title>Pay</title>
<link rel="stylesheet" href="css/foundation.css" />
<script src="js/vendor/modernizr.js"></script>
<style>
input[type=number], input[type=password], select {
width: 70%;
padding: 12px 20px 8px;
margin: 8px 0;
display: inline-block;
border: 1px solid #ccc;
border-radius: 4px;
box-sizing: border-box;
}
input[type=submit] {
width: 70%;
background-color: #4CAF50;
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;cursor: pointer;
}
```

```
input[type=submit]:hover {
background-color: #45a049;
}
div {
text-align: center;
border-radius: 5px;
background-color: #f2f2f2;
padding: 20px;
}
</style>
</head>
<body>
<nav class="top-bar" data-topbar role="navigation">
<ul class="title-area">
<li class="name">
<?php
if(isset($_SESSION['username'])) {
$user = $_SESSION["username"];
$result = $mysqli->query("SELECT wallet from users whereemail='$user'");
if($result){
$obj = $result->fetch_object();
echo '<h1 style="color: white; margin-left: 20px;">Wallet:'.$obj->wallet.'<img src="images/coi1ns.png"
style="width:40px;height:40px;"></h1>';
}
}
?>
</li>
<li class="toggle-topbar menu-icon"><a
href="#"><span></span></a></li>
</ul>
<section class="top-bar-section">
<!-- Right Nav Section →
<ul class="right">
<li><a href="about.php">About</a></li>
<li><a href="products.php">Pay</a></li>
<li class='active'><a href="addmoney.php">Add MITScoins</a></li>
<li><a href="orders.php">My Orders</a></li>
<li><a href="contact.php">Contact</a></li>
<?php
if(isset($_SESSION['username'])){
echo '<li><a href="account.php">My Account</a></li>';
echo '<li><a href="logout.php">Log Out</a></li>';
}
else{
echo '<li><a href="login.php">Log In</a></li>';
echo '<li><a href="register.php">Register</a></li>';
}
?>
</ul>
</section>
</nav>
<div class="row" style="margin-top:10px;">
<div class="small-12">
<div>
<form method="POST" action="addmoney-process.php">
<label style="text-align: left; margin:0 135px; font-weight: bolder;" for="fname">Enter password: </label>
<input type="password" id="fname" name="pwd"placeholder="Your password">
<label style="text-align: left; margin:0 135px; font-weight: bolder;" for="lname">Enter Amount to be added:
</label>
<input type="number" id="lname" name="amount"placeholder="Amount">
<input type="submit" value="Add money">
</form>
</div>
</div>
</div>
<div class="row" style="margin-top:10px;">
<div class="small-12">
<hr>
<footer style="margin-top:10px;">
<p style="text-align:center; font-size:0.8em;clear:both;">&copy;MITScoins! All Rights Reserved.</p
</footer>
</div>
</div>
```

```php
<?php
//if (session_status() !== PHP_SESSION_ACTIVE) {session_start();}
if(session_id() == '' || !isset($_SESSION)){session_start();}
include 'config.php';
?>
<!doctype html>
<html class="no-js" lang="en">
<head>
<meta charset="utf-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0"
/>
<title>Pay</title>
<link rel="stylesheet" href="css/foundation.css" />
<script src="js/vendor/modernizr.js"></script>
<style>
input[type=number], input[type=password], select
{width: 70%;padding: 12px 20px 8px;

margin: 8px 0;
display: inline-block;
border: 1px solid #ccc;
border-radius: 4px;
box-sizing: border-box;
}
input[type=submit] {
width: 70%;
background-color: #4CAF50;
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;
}
input[type=submit]:hover {
background-color: #45a049;
}
div {
text-align: center;
border-radius: 5px;
background-color: #f2f2f2;
padding: 20px;
}
</style>
</head>
<body>
<nav class="top-bar" data-topbar role="navigation">
<ul class="title-area">
<li class="name">
<?php
if(isset($_SESSION['username'])) {
$user = $_SESSION["username"];
$result = $mysqli->query("SELECT wallet from users whereemail='".$user."'");
if($result){
$obj = $result->fetch_object();
echo        '<h1        style="color:        white;        margin-left:        20px;">Wallet:'.$obj->wallet.'<img
src="images/coi1ns.png"style="width:40px;height:40px;"></h1>';
}
}
?>
</li>
<li class="toggle-topbar menu-icon"><ahref="#"><span></span></a></li>
</ul>
<section class="top-bar-section">
<!-- Right Nav Section -->
<ul class="right">
<li><a href="about.php">About</a></li>
<li class='active'><a href="products.php">Pay</a></li>
<li><a href="addmoney.php">Add MITScoins</a></li>
<li><a href="orders.php">My Orders</a></li>
<li><a href="contact.php">Contact</a></li>
```

```php
<?php
if(isset($_SESSION['username'])){
echo '<li><a href="account.php">My Account</a></li>';
echo '<li><a href="logout.php">Log Out</a></li>';
}
else{
echo '<li><a href="login.php">Log In</a></li>';
echo '<li><a href="register.php">Register</a></li>';
}
?>
</ul>
</section>
</nav>
<div class="row" style="margin-top:10px;">
<div class="small-12">
<div>
<form method="POST" action="pay-wallet.php">
<label style="text-align: left; margin:0 135px; font-weight: bolder;" for="fname">Enter password</label>
<input type="password" id="fname" name="pwd"placeholder="Your password..">
<label style="text-align: left; margin:0 135px; font-weight: bolder;" for="lname">Enter Amount</label>
<input type="number" id="lname" name="amount"placeholder="Amount">
<label style="text-align: left; margin:0 135px; font-weight: bolder;" for="country">Payment to</label>
<select id="country" name="shop">
<?php
$result = $mysqli->query('SELECT payment_to FROM orders');
if($result === FALSE){die(mysql_error());
}
if($result){
while($obj = $result->fetch_object()) {
echo '<option>'.$obj->payment_to.'</option>';
}
}
?>
</select>
<input type="submit" value="Pay">
</form>
</div>
</div>
</div>
<!-- <?php /*
$i=0;$product_id = array();
$product_quantity = array();
$result = $mysqli->query('SELECT * FROM products');
if($result === FALSE){
die(mysql_error());
}
echo '<label for="country">Shop</label>';
echo '<select id="country" name="country">';
if($result){
while($obj = $result->fetch_object()) {
echo '<div class="large-4 columns">';
echo '<p><h3>'.$obj->product_name.'</h3></p>';
echo '<img src="images/products/'.$obj->product_img_name.'"/>';
echo '<p><strong>Product Code</strong>: '.$obj->product_code.'</p>';
echo '<p><strong>Description</strong>: '.$obj->product_desc.'</p>';
echo '<p><strong>Units Available</strong>: '.$obj->qty.'</p>';
echo '<p><strong>Price (Per Unit)</strong>: '.$currency.$obj->price.'</p>';
echo '<optionvalue="australia">Australia</option>';
if($obj->qty > 0){
echo '<p><a href="update-cart.php?action=add&id='.$obj->id.'"><input type="submit" value="Add To Cart"
style="clear:both;background: #0078A0; border: none; color: #fff; font-size: 1em; padding:10px;" /></a></p>';
}
else {
echo 'Out Of Stock!';
}
echo '</div>';
$i++;
}
}
echo '</select>';
```

```
echo '<p'
$_SESSION['product_id'] = $product_id;
echo '</div>';
echo '</div>';
*/ ?> //-->
<div class="row" style="margin-top:10px;">
<div class="small-12">
<hr>
<footer style="margin-top:10px;">
<p style="text-align:center; font-size:0.8em;clear:both;">&copy;
MITSCoins! All Rights Reserved.</p>
</footer>
</div>
</div>


<script src="js/vendor/jquery.js"></script>
<script src="js/foundation.min.js"></script>

<script>
$(document).foundation();
</script>
</body>
</html
```

```sql
SET SQL_MODE="NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+05:30";
/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8 */;
--
--
 Database: `mitsdb`
--
-- --------------------------------------------------------
--
-- Table structure for table `orders`
--CREATE TABLE IF NOT EXISTS `orders` (
`id` int(15) NOT NULL auto_increment,
`payment_to` varchar(255) NOT NULL,
`total` int(15) NOT NULL,
`date` timestamp NOT NULL default CURRENT_TIMESTAMP,
PRIMARY KEY (`id`)
) ENGINE=MyISAM DEFAULT CHARSET=latin1 AUTO_INCREMENT=0 ;

-- Dumping data for table `orders`
--

INSERT INTO `orders` (`id`,`payment_to`,`total`) VALUES
(1, 'Office', 0),
(2, 'Canteen',0),
(3, 'MITS Cafe', 0),
(4, 'Library', 0),
(5, 'Store', 0),
(6, 'Cafteria', 0),
-- Table structure for table `users`
--

CREATE TABLE IF NOT EXISTS `users` (
 `id` int(11) NOT NULL auto_increment,
 `fname` varchar(255) NOT NULL,
 `lname` varchar(255) NOT NULL,
 `address` varchar(255) NOT NULL,
 `city` varchar(100) NOT NULL,
 `pin` int(6) NOT NULL,
 `email` varchar(255) NOT NULL,
 `password` varchar(15) NOT NULL,
 `wallet` decimal(10,2) default 10,
 `type` varchar(20) NOT NULL default 'user',
 `total_paid` decimal(20,2),
 `answer` varchar(255) NOT NULL,
PRIMARY KEY (`id`),
UNIQUE KEY `email` (`email`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=5 ;
--
-- Dumping data for table `users`
--
INSERT INTO `users` (`id`, `fname`, `lname`, `address`, `city`, `pin`,`email`, `password`, `type`, `total_paid`, `answer`)
VALUES
(1, 'Jeswin', 'Eldho', 'MITS', 'Varikoli', 636669,'jeswineldhosaji@mitscoin.com', '666666', 'admin',0,'jes200'),
(2, 'Juliya', 'Francis', 'MITS', 'Varikoli', 666666,'juliyafrancis@mitscoin.com', '111111', 'user',0,'jfz242');
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
CREATE TABLE IF NOT EXISTS `user_log` (
 `id` int(15) NOT NULL auto_increment,
 `payment_to` varchar(255) NOT NULL,
 `current_total` int(15) NOT NULL,
 `date_now` timestamp NOT NULL default CURRENT_TIMESTAMP,
 `email` varchar(255) NOT NULL,PRIMARY KEY (`id`)
) ENGINE=MyISAM DEFAULT CHARSET=latin1 AUTO_INCREMENT=0 ;
```

REFERENCES

https://www.udemy.com
https://www.youtube.com
https://www.w3schools.com
https://stackoverflow.com
https://get.foundation