

Bachelor of Computer Applications (BCA) Programme

Project Report

BCA Sem V

AY 2018-19

*<Topic Title: Accounts++>*

*by*

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| Project Guide by : | |
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*I N D E X*

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**1. Introduction**

Accounts++ is simple online accounting application. It is useful for companies to record their account. It allows different types of accounting entries eg. Sales,purchase,cash,Journal entries... etc. User can see final status of their origination using final accounting statements like Balance sheet and Profit & Loss account.

**1.1 Abstract**

Accounts++ is web application built with ASP.NET Framework. User can register their company and then he/she can record their companies accounts securely. It provide accounting in same way as it was being done traditionally. Accounts++ provides different types of transaction entries which fulfill all the requirements of financial accounting system.

1. Sale Entry
2. Purchase Entry
3. Sale Return Entry
4. Purchase Return Entry
5. Income Entry
6. Expanse Entry
7. Cash Transaction Entry
8. Journal Entry (All other types of entries)

It also provide following reports which are very useful for analysis.

1. Sale Book
2. Purchase Book
3. Sale Return Book
4. Purchase Return Book
5. Cash Book
6. Income/Expanse Report
7. Ledger Reports

It also provide final account reports.

1. Trial Balance
2. Trading and Profit & Loss Account
3. Balance Sheet

**1.2 Scope & Objective**

**Scope:**

Scope of this project is in accounting system of company. Every small/big company keeps accounts. This online application provide some simple accounting for small companies with ease of use and no complexity.

**Objective:**

1. Keep record of all Financial transactions.
2. Maintain Accounting Accuracy.
3. Provide Accounting Reports for better analysis.
4. Gives Idea of company's financial status by providing final accounts.

**2.Requirement Analysis**

**2.1 Requirement Gathering.**

**Terms Used:**

* Account: it is a record in the general ledger that is used to collect and store debit and credit amounts. Sometimes it is also Called Ledger.

Following Requirements are gathered for our Accounting Application “Accounts++” by analyzing accounting application available in market.

1. System Should allow Recording financial transactions for financial year.
2. User should be allowed to create/update/delete Accounts(Ledgers) as needed.
3. System must follow basic rules of financial accounting system. eg. there must be three types of accounts (Personal Accounts, Real Accounts and Profit & Loss Accounts) and System must follow rules for particular account.
4. System should be able to record transactions accurate.
5. System should be able to record all types of transactions which are financial transactions.
6. System should keep subsidiary books like Purchase Book, Sales book etc..
7. System should be able to generate proper invoice on particular transaction. This invoice should be generated when it is demanded.
8. System should keep track of Inventory purchased and sold.
9. System must provide Ledger report when needed.
10. System must provide Final account Reports. Which are Balance Sheet, Profit & Loss account.

**2.2 Requirement Analysis.**

After Analyzing requirements gathered above We can satisfy all of above requirements expect Requirement No. 8 “System should keep track of Inventory purchased and sold”. This requirement will need extra cost and time which are not allowed for this project.

For Requirement No 7. “System should be able to generate invoice”. It can only generate invoice in fixed format defined by system. We can provide flexibility in invoice format in future.

**2.3 Software Model.**

As we have all requirements ready with us and there is no much risk in system so we will follow waterfall model for project development.

Waterfall model consists of 5/6 simple stages which are follow. where 2st stage is completed which is requirement analysis.

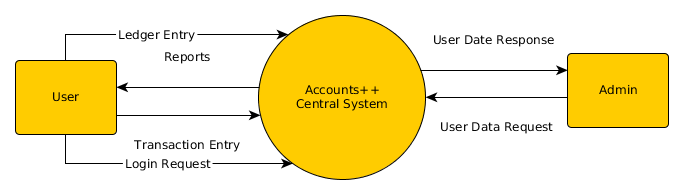


**2.4 Technology Details.**

|  |  |
| --- | --- |
| **Project Title** | Account++ (Online Accounting System) |
| **Project Objective** | Record and Maintain Company’s Accounts online. |
| **Name Of College** | SDJ International College |
| **Front-End Tool** | ASP.NET |
| **Back-End Tool** | Ms Access Database along with ADO.NET |
| **Operating System** | Any Operating System with latest Browser Support.  eg. Chrome, Firefox |
| **Internal Guide** | Nidhi Desai |
| **Submitted By** | Lohar Hamid A. |

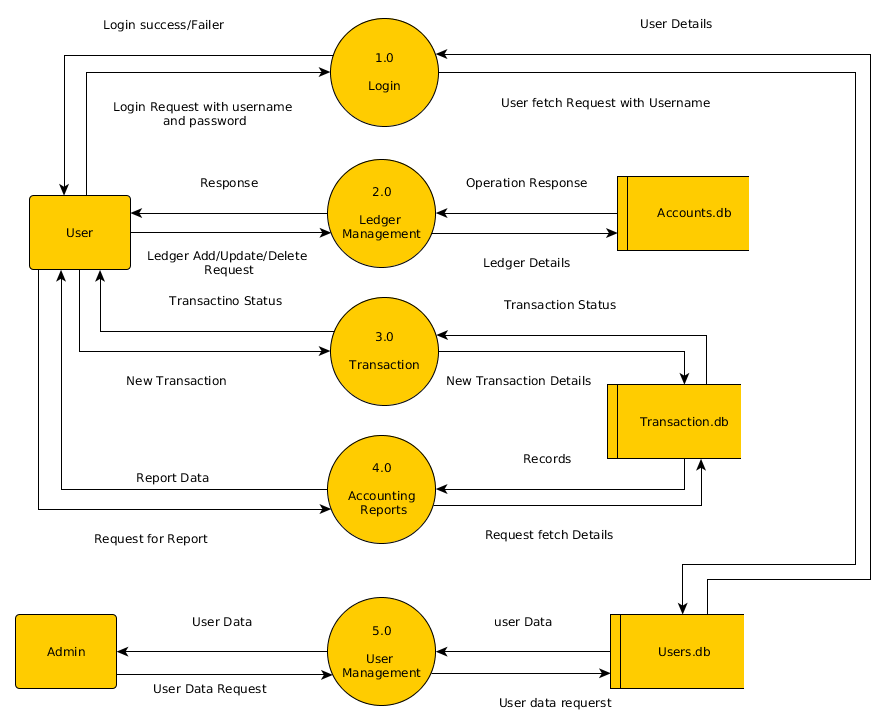
**3. Designing**

**3.1 Data Flow Diagram.**

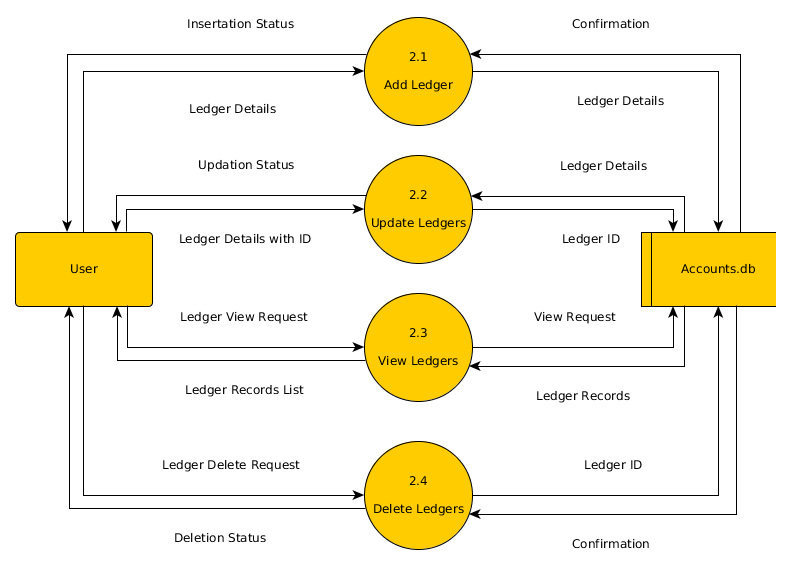
**3.1.1 Context Level DFD**

**Context Level Data Flow Diagram for Accounts++**

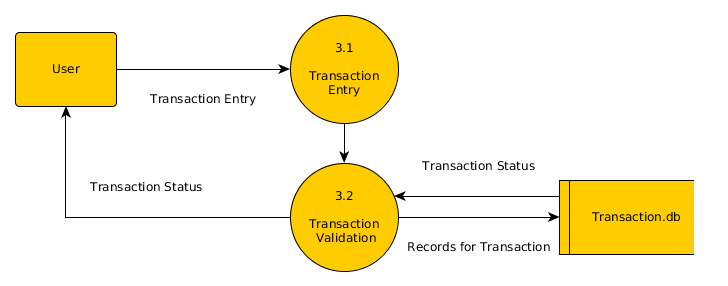
**3.1.2 Level 1 DFD**

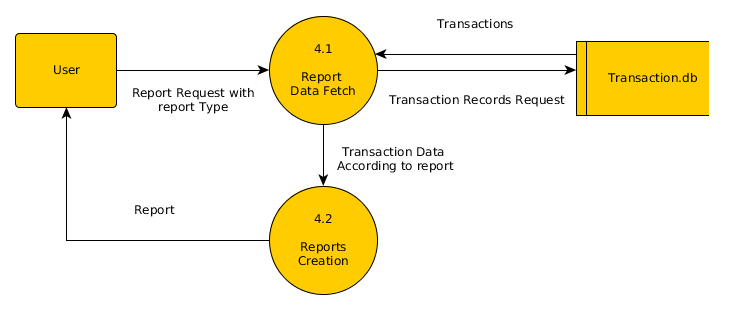


**Level 1 Data Flow Diagram for Accounts++**

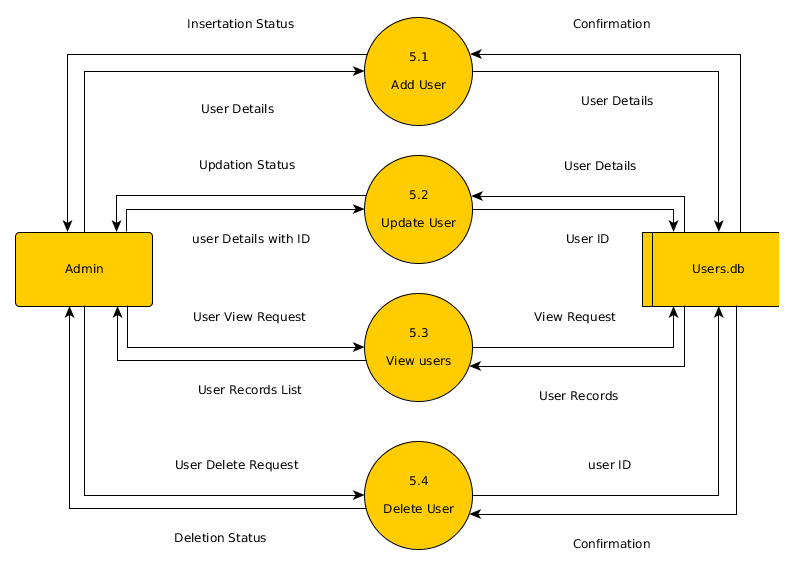
**3.1.3 Level 2 DFD**

**Level 2 Data Flow Diagram for Accounts++ (Ledgers)**



**Level 2 Data Flow Diagram for Accounts++ (Transactions)**

**Level 2 Data Flow Diagram for Accounts++ (Reports)**

**Level 2 Data Flow Diagram for Accounts++ (Admin Side)**

**3.2 Database Design**

**Users**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Description** | **Constraints** |
| Id | Number | Unique ID of Users | Primary Key |
| CompanyName | Text | Full Name of Company | - |
| Username | Text | Unique Username for all users | - |
| Email | Text | Email of User | - |
| PhoneNo | Text | Contact detail of user | - |
| Password | Text | Password for user Login | - |

**Accounts**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Description** | **Constraints** |
| Id | Number | Unique ID of Account/Ledger | Primary Key |
| Name | Text | Name of Account | - |
| Type | Text | Account type (personal/pnl/real) | - |
| Balance | Number | Current Balance of Account | - |
| user\_id | Number | Reference to User’s Record | Foreign Key |

**Transactions**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Description** | **Constraints** |
| Id | Number | Unique ID of Transaction | Primary Key |
| ac\_credit | Number | Reference to Account for Credit | Foreign Key |
| ac\_debit | Number | Reference to Account for Debit | Foreign Key |
| amt\_credit | Number | Amount to be credited | - |
| amt\_debit | Number | Amount to be debited | - |
| Date | DateTime | Date of Transaction | - |

**3.2 User Interface**

**User Side Interface:**

Master File for User side without login (Front.Master)

<%@ Master Language="VB" CodeFile="Front.master.vb" Inherits="Front" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title>Account++</title>

<link rel="stylesheet" type="text/css" href="font-awesome/css/font-awesome.css">

<link rel="stylesheet" type="text/css" href="Styles/FrontStyle.css">

<link rel="icon" href="img/icon.png" type="image/png" sizes="16x16">

<asp:ContentPlaceHolder id="head" runat="server">

</asp:ContentPlaceHolder>

</head>

<div id="notiePopup" style="height:40px;width:100%;position: fixed;top:-80px;left:0px;background: green;color:white;z-index:20;transition: top 0.3s;font-size:35px;text-align:center;font-weight:bold;padding:10px;">hello</div>

<body>

<div class="login-popup" id="loginPopup">

<a onclick="hidePopup(this.parentElement.id)" class="close-button" style="position: absolute;right:10px;top:10px;">X</a>

<form action="" method="POST" onsubmit="return validateLogin(this);" name="loginForm">

<table>

<tbody id="contactFormTable">

<tr><td><span class="form-item-heading">Username: </span></td></tr>

<tr><td>

<input type="text" name="username" placeholder="Username">

</td></tr>

<tr><td><span class="form-item-heading">Password: </span> </td></tr>

<tr><td>

<input type="password" name="password">

</td></tr>

<tr><td>

<input type="submit" name="submit" value="Login" style="">

</td></tr>

<tr>

<td style="text-align:center;padding-top:20px;">

Can't Login?<a href="#" style="color:grey"> Reset password</a>

</td>

</tr>

<tr>

<td style="text-align:center;padding-top:20px;">

Don't Have Account?<a href="#" onclick="hidePopup('loginPopup');showPopup('signupPopup',10);" style="color:grey"> Sign Up Now</a>

</td>

</tr>

</tbody>

</table>

</form>

</div>

<div class="signup-popup" id="signupPopup">

<a onclick="hidePopup(this.parentElement.id)" class="close-button" style="position: absolute;right:10px;top:10px;">X</a>

<form action="" method="POST" onsubmit="return validateSignup(this)" name="signupForm">

<table>

<tbody id="Tbody1">

<tr><td><span class="form-item-heading">Company Name: </span></td></tr>

<tr><td>

<input type="text" name="name" placeholder="Company Name" >

</td></tr>

<tr><td><span class="form-item-heading">Username: </span></td></tr>

<tr><td>

<input type="text" name="username" placeholder="Username" >

</td></tr>

<tr><td><span class="form-item-heading">Email: </span></td></tr>

<tr><td>

<input type="text" name="email" placeholder="ayx@example.com" >

</td></tr>

<tr><td><span class="form-item-heading">Password: </span></td></tr>

<tr><td>

<input type="password" name="password" placeholder="" >

</td></tr>

<tr><td><span class="form-item-heading">Retype Password: </span></td></tr>

<tr><td>

<input type="password" name="repassword" placeholder="" >

</td></tr>

<tr><td><span class="form-item-heading">Mobile Number: </span> </td></tr>

<tr><td>

<input type="text" name="phone\_no" placeholder="10 Digit No." >

</td></tr>

<tr><td>

<input type="submit" name="submit" value="Sign Up" style="">

</td></tr>

<tr>

<td style="text-align:center;padding-top:20px;">

Already Have Account?<a href="#" onclick="hidePopup('signupPopup');showPopup('loginPopup');" style="color:grey"> Login Now Now</a>

</td>

</tr>

</tbody>

</table>

</form>

</div>

<script src="js/notie.js"></script>

<div class="header">

<div id="menu-icon" class="menu-icon" style="display:none"><i class="fa fa-bars"></i></div>

<h1 class="main-title"><a href="Default.aspx">Account++</a></h1>

<div class="header-menu">

<ul>

<a href="Default.aspx"><li class="header-menu-item">Home</li></a>

<a href="Features.aspx"><li class="header-menu-item">Features</li></a>

<a href="About.aspx"><li class="header-menu-item">About</li></a>

</ul>

</div>

<% If Session("userLogged") = "" Then%>

<div class="login-area">

<a href="#" class="header-menu-item" onclick="hidePopup('signupPopup');showPopup('loginPopup')">Login</a>

<a href="#" class="header-menu-item" onclick="hidePopup('loginPopup');showPopup('signupPopup',10)">Sign Up</a>

</div>

<% Else%>

<div class="login-area">

<a href="PanelHome.aspx" class="header-menu-item">Dashboard</a>

<a href="Logout.aspx" class="header-menu-item">Logout</a>

</div>

<% End If%>

</div>

<div class="loader" id="loader"><div class="loader-wheel"></div></div>

<script src="jquery/jquery-1.11.3.min.js"></script>

<form id="form1" runat="server">

<asp:ContentPlaceHolder id="ContentPlaceHolder1" runat="server">

</asp:ContentPlaceHolder>

</form>

<script src="js/script.js"></script>

</body>

</html>

Common CSS file.(Style/FrontStyle.css)

:root{

--color-background2: #000000;

--color-background3: #743d0d;

--color1: #523114;

--color-font1: #fffeff;

--color-font2: #522c00;

--color3: #3f3f40;

--color-background-all: #fbeeca;

--color5: black;

--color-font1-hover: #efc464;

--color-font2-hover: yellow;

--color8: yellow;

--color9: yellow;

--color10: yellow;

}

@font-face {

font-family: Musical;

src: url(fonts/musical3.ttf);

}

/\* loader Style ---------------/\*/

.loader-wheel {

border: 16px solid #f3f3f3;

border-radius: 50%;

border-top: 16px solid #3498db;

width: 120px;

height: 120px;

-webkit-animation: spin 2s linear infinite; /\* Safari \*/

animation: spin 2s linear infinite;

margin:auto;

margin-top:20%;

}

.loader

{

position: fixed;

z-index:20;

top: 0;

left: 0;

background-color:rgba(100,100,100,0.5);

height:100%;

width:100%;

text-align:center;

display:none;

}

/\* Safari \*/

@-webkit-keyframes spin {

0% { -webkit-transform: rotate(0deg); }

100% { -webkit-transform: rotate(360deg); }

}

@keyframes spin {

0% { transform: rotate(0deg); }

100% { transform: rotate(360deg); }

}

/\* loader Style ---------------/\*/

body{

margin: 0px;

max-width:100%;

}

a{

text-decoration: none;

color:white;

}

body::before{

content: "";

background-image: url(img/background1.jpg);

background-size: 100% 100%;

background-attachment: fixed;

height:105%;

width:105%;

position: fixed;

top:-10px;

left:-10px;

z-index: -1;

}

.header{

height:80px;

width:100%;

background-color: #000000;

position: fixed;

-box-shadow: 0px 1px 10px #efc464;

text-shadow: 1px 1px 1px #efc464;

opacity: 1;

z-index: 1;

}

.header h1{

color:white;

font-size: 40px;

margin: 10px;

float: left;

margin-left:20px;

font-family: Musical;

letter-spacing: 5px;

}

.main-titled::before{

content: "";

background-image: url(img/music-background-blur.png);

background-size: cover;

position: absolute;

top:-10px;

left:-10px;

height:inherit;

width:inherit;

}

.login-area{

float:right;

margin-top:20px;

margin-right: 20px;

}

.login-btn{

color:#fffeff;

background-color: #000000;

font-size:25px;

text-decoration: none;

padding: 5px;

margin: 5px;

border-radius: 15px 15px 15px 15px;

padding-left: 8px;

padding-right: 8px;

font-weight: bold;

box-shadow: 1px 1px 4px #efc464;

}

.login-btn:hover{

color: #efc464;

text-shadow: 1px 1px 1px #522c00;

}

.header-menu{

float:left;

}

.header-menu ul{

list-style-type: none;

}

.header-menu-item{

display: inline-block;

font-size: 18px;

-background: linear-gradient(to right,#fbeeca -200% ,#000000 50%,#fbeeca 300% );

font-weight: bold;

padding:10px;

padding-top: 10px;

padding-bottom: 10px;

margin-left:5px;

transition: all 0.5s;

color:#fffeff;

text-shadow: none;

-box-shadow: 0px 1px 1px #fffeff;

}

.header-menu-item a{

text-decoration: none;

}

.header-menu-item:hover{

color: #000000;

background:linear-gradient(to right,#fffeff 1% ,#fffeff 5%,#000000 250% );

}

.main-area{

padding-top:110px;

padding-left:2%;

margin-bottom: 100px;

z-index: -2;

}

.container-area{

height:300px;

overflow-y: hidden;

overflow-x: scroll;

width:1000px;

}

.container-inner{

height:300px;

width:5000px;

}

.container-item{

display: inline-block;

border: 1px solid blue;

padding: 5px;

padding-bottom: 20px;

}

.container-item span{

display: block;

text-align: center;

color:#9bd32f;

font-size: 20px;

}

.container-item img{

height:180px;

width:180px;

border-radius: 180px;

}

.album-item-switch{

width:fit-content;

padding:5px;

}

.cat-active{

background-color: white !important;

color:rgba(50,50,50,0.9) !important;

}

.album-item-switch span{

background-color: rgba(50,50,50,0.9);

border-left: 1px solid white;

padding:5px;

color:white;

font-size:25px;

margin-left:20px;

cursor: pointer;

}

.grid-item{

width:160px;

background-color:grey;

padding:10px;

opacity: 0.9;

box-shadow: 10px 10px 0px black;

display: inline-block;

margin:20px;

margin-left:3%;

transition: background-color 0.5s;

cursor: pointer;

}

.grid-item:hover{

opacity: 1;

background-color: darkgrey;

}

.grid-item:hover .grid-play-btn{

display: block;

}

.grid-play-btn{

position:absolute;

font-size:80px;

height:inherit;

width:inherit;

text-align:center;

padding:20px;

color:white;

display:none;

}

.grid-item img{

height: 120px;

width:120px;

margin:auto;

display: block;

border-radius: 150px;

border: 2px solid black;

}

.grid-title{

margin:auto;

text-align: center;

margin-top:5px;

font-weight: bold;

color:white;

}

.grid-album{

color:black;

font-size: 12px;

}

.music-player{

height:50px;

position: fixed;

bottom: 0px;

background-color: #000000;

width:100%;

text-align: center;

user-select: none;

}

.music-player-controls{

position: absolute;

left: 10px;

bottom:0px;

}

.control{

display: inline-block;

font-size:30px;

color: #fffeff;

margin-left:30px;

margin-bottom: 10px;

cursor: pointer;

}

.control:hover{

text-shadow: 1px 1px 3px #fbeeca;

}

.volume-control{

display: inline-block;

}

#volume-scale{

margin-left:5px;

width:80px;

display: inline-block;

background: linear-gradient(rgba(0,0,0,0) 40%, #fffeff 50%, rgba(0,0,0,0) 60%);

text-align: left;

}

#volume-circle{

font-size:20px;

cursor: pointer;

color: #fffeff;

}

.player-timeline{

display: inline-block;

width:400px;

height:20px;

background: linear-gradient(rgba(0,0,0,0) 40%, #fffeff 50%, rgba(0,0,0,0) 60%);

margin-left:55px;

text-align: left;

-background-color: green;

}

#timeline-circle{

font-size:20px;

cursor: pointer;

margin-left:10px;

color: #fffeff;

}

.player-timeline-div{

display: inline-block;

height: 20px;

margin-left:20px;

}

.player-time{

position:absolute;

font-size: 13px;

top:10px;

color:#fffeff;

}

/\*

#backward{

}

#forward{

}

#play-pause{

}

\*/

#volume-button{

}

#volume-button:hover{

}

/\*

Equlizer Style Sheet

\*/

.eqBox{

display: none;

}

.eqBox .child{

height:400px;

width:20px;

margin-left:10px;

display:inline-block;

background: linear-gradient(to top, black, grey,red);

transition: height 0.05s;

position:relative;

}

.eqBox .child1{

height:100px;

width:6px;

display:inline-block;

background: linear-gradient(to top, red, yellow,red);

margin-top:0px;

transition: all 0.3s;

position:relative;

visibility:hidden;

}

.equlizer{

display: inline-block;

position: fixed;

left:50px;

bottom: 100px;

z-index: -1;

}

/\*

mylist css

\*/

.my-list-container{

-background: #F9F9F9;

border-left: 5px solid white;

border-right: 5px solid white;

width:95%;

padding:5px;

}

.my-list-item{

background-color: #909090;

margin:5px;

padding: 5px;

display: flex;

cursor: pointer;

transition: background-color 0.5s;

opacity: 0.9;

}

.my-list-item:hover{

background-color: #C0C0C0;

opacity: 1;

}

.list-item-img{

width:100px;

}

.my-list-item img{

height:100px;

width:100px;

border-radius: 100px;

}

.list-item-details{

padding: 10px;

}

.my-list-title{

font-size: 35px;

}

.my-list-album{

font-size: 18px;

text-decoration: underline;

margin-top:20px;

}

.play-btn-div{

margin:30px;

font-size: 50px;

margin-top:auto;

margin-bottom: auto;

color:#202020;

}

/\* form elements

\*/

input[type=text] ,textarea,input[type=password],input[type=date]{

width:90%;

margin:auto;

display: block;

border-radius: 10px 5px 10px 5px;

font-size: 18px;

padding: 5px;

padding-bottom: 0px;

color:#445511;

outline: none;

box-shadow: 0px 0px 4px black;

background:#f1f1f1;

resize:vertical;

}

input[type=submit]{

background-color: 263524;

color: white;

border: 2px solid #e7e7e7;

font-size: 22px;

margin-left:30px;

border-radius: 7px;

margin:auto;

margin-top:20px;

cursor: pointer;

display: block;

}

/\*

Login/Signup popup

\*/

.login-popup{

background: white;

position: fixed;

z-index: 10;

display: block;

left:30%;

top:-200%;

width:30%;

padding: 3%;

border: 5px solid black;

box-shadow: 0px 0px 25px black;

border-radius: 30px 15px 30px 15px;

display: block;

}

.signup-popup{

background: white;

position: fixed;

z-index: 10;

display: block;

left:30%;

top:-200%;

width:30%;

padding: 3%;

border: 5px solid black;

box-shadow: 0px 0px 25px black;

border-radius: 30px 15px 30px 15px;

display: block;

}

.close-button{

color:black;

border-radius:50px;

border:2px solid black;

font-size:20px;

padding-left:5px;

padding-right:5px;

cursor: pointer;

}

.close-button:hover{

background: black;

color:white;

}

/\*

About page

\*/

.discription-background{

float:left;

background:white;

max-width: 60%;

padding:15px;

opacity: 0.9;

}

.discription-title{

font-size: 35px;

color:#263955;

margin-bottom: 20px;

font-weight: bold;

}

.discription-content{

font-size: 18px;

font-family: Ringbearer;

}

.contact-form-background{

width:90%;

float:left;

background: white;

width:28%;

margin-left:50px;

}

.form-item-heading{

margin-left:20px;

font-size: 20px;

color:#263524;

}

form{

width:100%;

}

table{

width: inherit;

}

#contactFormTable{

width: 100%;

}

/\* current Playlist \*/

.current-playlist{

width: 350px;

height:50px;

float:right;

background: #555555;

border-left:2px solid white;

}

.current-playlist-item{

width:345px;

height:50px;

margin-bottom: 5px;

background:#555555;

cursor: pointer;

overflow: hidden;

}

.current-playlist-item:hover{

background: #999999;

}

.cpi-image img{

height:50px;

width:50px;

float:left;

}

.cpi-details{

color:white;

text-align:left;

float:left;

}

.cpi-title{

margin-left:5px;

font-size:22px;

padding:10px;

}

.playlist-container{

-border:1px solid gold;

position: absolute;

bottom:50px;

width:350px;

background:black;

overflow-y: scroll;

overflow-x: hidden;

height:500px;

}

/\* home extra css \*/

.trending-album-area{

background: white;

margin-bottom: 30px;

width:97%;

}

.home-trending-title{

color:white;

font-size:22px;

text-decoration: underline;

padding: 10px;

border-bottom:3px solid white;

border:2px solid white;

background: black;

}

.sp-link{

text-decoration: none;

float:right;

}

.sp-link:hover{

text-shadow: 1px 1px 4px grey;

}

.feature-list-item

{

-height:150px;

-padding-left:50px;

border-bottom:2px solid black;

}

.feature-list-item h3

{

font-size:30px;

text-decoration:underline;

padding:5px;

margin:5px;

background:lightgrey;

}

.feature-list-item p

{

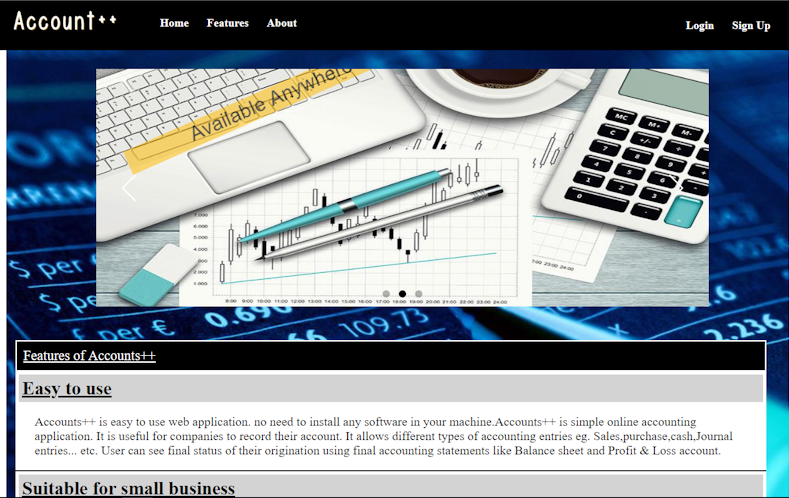
font-size:20px;

padding-left:30px;

padding-right:20px;

}

Home Page. (Default.aspx)



**Description:**

* This is the first page to load.
* It provide information of what website is providing to its users
* It provide Menu with navigation to other pages.

<%@ Page Title="" Language="VB" MasterPageFile="~/Front.master" AutoEventWireup="false" CodeFile="About.aspx.vb" Inherits="Default3" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main-area">

<style>

/\*jssor slider loading skin spin css\*/

.jssorl-009-spin img {

animation-name: jssorl-009-spin;

animation-duration: 1.6s;

animation-iteration-count: infinite;

animation-timing-function: linear;

}

@keyframes jssorl-009-spin {

from { transform: rotate(0deg); }

to { transform: rotate(360deg); }

}

/\*jssor slider bullet skin 052 css\*/

.jssorb052 .i {position:absolute;cursor:pointer;}

.jssorb052 .i .b {fill:#000;fill-opacity:0.3;}

.jssorb052 .i:hover .b {fill-opacity:.7;}

.jssorb052 .iav .b {fill-opacity: 1;}

.jssorb052 .i.idn {opacity:.3;}

/\*jssor slider arrow skin 053 css\*/

.jssora053 {display:block;position:absolute;cursor:pointer;}

.jssora053 .a {fill:none;stroke:#fff;stroke-width:640;stroke-miterlimit:10;}

.jssora053:hover {opacity:.8;}

.jssora053.jssora053dn {opacity:.5;}

.jssora053.jssora053ds {opacity:.3;pointer-events:none;}

</style>

<script src="js/jssor.slider.min.js" type="text/javascript"></script>

<script type="text/javascript">

jssor\_1\_slider\_init = function () {

var jssor\_1\_SlideoTransitions = [

[{ b: 0, d: 600, y: -290, e: { y: 27}}],

[{ b: 0, d: 1000, y: 185 }, { b: 1000, d: 500, o: -1 }, { b: 1500, d: 500, o: 1 }, { b: 2000, d: 1500, r: 360 }, { b: 3500, d: 1000, rX: 30 }, { b: 4500, d: 500, rX: -30 }, { b: 5000, d: 1000, rY: 30 }, { b: 6000, d: 500, rY: -30 }, { b: 6500, d: 500, sX: 1 }, { b: 7000, d: 500, sX: -1 }, { b: 7500, d: 500, sY: 1 }, { b: 8000, d: 500, sY: -1 }, { b: 8500, d: 500, kX: 30 }, { b: 9000, d: 500, kX: -30 }, { b: 9500, d: 500, kY: 30 }, { b: 10000, d: 500, kY: -30 }, { b: 10500, d: 500, c: { x: 125.00, t: -125.00} }, { b: 11000, d: 500, c: { x: -125.00, t: 125.00}}],

[{ b: 0, d: 600, x: 535, e: { x: 27}}],

[{ b: -1, d: 1, o: -1 }, { b: 0, d: 600, o: 1, e: { o: 5}}],

[{ b: -1, d: 1, c: { x: 250.0, t: -250.0} }, { b: 0, d: 800, c: { x: -250.0, t: 250.0 }, e: { c: { x: 7, t: 7}}}],

[{ b: -1, d: 1, o: -1 }, { b: 0, d: 600, x: -570, o: 1, e: { x: 6}}],

[{ b: -1, d: 1, o: -1, r: -180 }, { b: 0, d: 800, o: 1, r: 180, e: { r: 7}}],

[{ b: 0, d: 1000, y: 80, e: { y: 24} }, { b: 1000, d: 1100, x: 570, y: 170, o: -1, r: 30, sX: 9, sY: 9, e: { x: 2, y: 6, r: 1, sX: 5, sY: 5}}],

[{ b: 2000, d: 600, rY: 30}],

[{ b: 0, d: 500, x: -105 }, { b: 500, d: 500, x: 230 }, { b: 1000, d: 500, y: -120 }, { b: 1500, d: 500, x: -70, y: 120 }, { b: 2600, d: 500, y: -80 }, { b: 3100, d: 900, y: 160, e: { y: 24}}],

[{ b: 0, d: 1000, o: -0.4, rX: 2, rY: 1 }, { b: 1000, d: 1000, rY: 1 }, { b: 2000, d: 1000, rX: -1 }, { b: 3000, d: 1000, rY: -1 }, { b: 4000, d: 1000, o: 0.4, rX: -1, rY: -1}]

];

var jssor\_1\_options = {

$AutoPlay: 1,

$Idle: 2000,

$CaptionSliderOptions: {

$Class: $JssorCaptionSlideo$,

$Transitions: jssor\_1\_SlideoTransitions,

$Breaks: [

[{ d: 2000, b: 1000}]

]

},

$ArrowNavigatorOptions: {

$Class: $JssorArrowNavigator$

},

$BulletNavigatorOptions: {

$Class: $JssorBulletNavigator$

}

};

var jssor\_1\_slider = new $JssorSlider$("jssor\_1", jssor\_1\_options);

/\*#region responsive code begin\*/

var MAX\_WIDTH = 980;

function ScaleSlider() {

var containerElement = jssor\_1\_slider.$Elmt.parentNode;

var containerWidth = containerElement.clientWidth;

if (containerWidth) {

var expectedWidth = Math.min(MAX\_WIDTH || containerWidth, containerWidth);

jssor\_1\_slider.$ScaleWidth(expectedWidth);

}

else {

window.setTimeout(ScaleSlider, 30);

}

}

ScaleSlider();

$Jssor$.$AddEvent(window, "load", ScaleSlider);

$Jssor$.$AddEvent(window, "resize", ScaleSlider);

$Jssor$.$AddEvent(window, "orientationchange", ScaleSlider);

/\*#endregion responsive code end\*/

};

</script>

<div id="jssor\_1" style="position:relative;margin:0 auto;top:0px;left:0px;width:980px;height:380px;overflow:hidden;visibility:hidden;">

<!-- Loading Screen -->

<div data-u="loading" class="jssorl-009-spin" style="position:absolute;top:0px;left:0px;width:100%;height:100%;text-align:center;background-color:rgba(0,0,0,0.7);">

<img style="margin-top:-19px;position:relative;top:50%;width:38px;height:38px;" src="img/spin.svg" />

</div>

<div data-u="slides" style="cursor:default;position:relative;top:0px;left:0px;width:980px;height:380px;overflow:hidden;">

<div>

<img data-u="image" src="Styles/img/background2.jpg" />

<div data-u="caption" data-t="5" style="position:absolute;top:30px;left:600px;width:500px;height:40px;font-family:Oswald,sans-serif;font-size:32px;font-weight:200;line-height:1.2;text-align:center;background-color:rgba(255,188,5,0.8);">Easy to use</div>

</div>

<div>

<img data-u="image" src="Styles/img/background3.jpg" />

<div data-u="caption" data-t="6" style="position:absolute;top:30px;left:30px;width:500px;height:40px;font-family:Oswald,sans-serif;font-size:32px;font-weight:200;line-height:1.2;text-align:center;background-color:rgba(255,188,5,0.8);">Available Anywhere</div>

</div>

<div data-b="0">

<img data-u="image" src="Styles/img/background4.jpg" />

<div data-u="caption" data-t="7" style="position:absolute;top:-50px;left:30px;width:500px;height:40px;font-family:Oswald,sans-serif;font-size:32px;font-weight:200;line-height:1.2;text-align:center;background-color:rgba(255,188,5,0.8);">Wide Range of Reports</div>

</div>

</div>

<!-- Bullet Navigator -->

<div data-u="navigator" class="jssorb052" style="position:absolute;bottom:12px;right:12px;" data-autocenter="1" data-scale="0.5" data-scale-bottom="0.75">

<div data-u="prototype" class="i" style="width:16px;height:16px;">

<svg viewbox="0 0 16000 16000" style="position:absolute;top:0;left:0;width:100%;height:100%;">

<circle class="b" cx="8000" cy="8000" r="5800"></circle>

</svg>

</div>

</div>

<!-- Arrow Navigator -->

<div data-u="arrowleft" class="jssora053" style="width:55px;height:55px;top:0px;left:25px;" data-autocenter="2" data-scale="0.75" data-scale-left="0.75">

<svg viewbox="0 0 16000 16000" style="position:absolute;top:0;left:0;width:100%;height:100%;">

<polyline class="a" points="11040,1920 4960,8000 11040,14080 "></polyline>

</svg>

</div>

<div data-u="arrowright" class="jssora053" style="width:55px;height:55px;top:0px;right:25px;" data-autocenter="2" data-scale="0.75" data-scale-right="0.75">

<svg viewbox="0 0 16000 16000" style="position:absolute;top:0;left:0;width:100%;height:100%;">

<polyline class="a" points="4960,1920 11040,8000 4960,14080 "></polyline>

</svg>

</div>

</div>

<script type="text/javascript"> jssor\_1\_slider\_init();</script>

<br /><br /><br />

<div class="trending-album-area">

<div class="home-trending-title">

Features of Accounts++

</div>

<div class="trending-album-list" >

<div class="feature-list-item">

<h3>Easy to use </h3>

<p>

Accounts++ is easy to use web application. no need to install any software in your machine.Accounts++ is simple online accounting application. It is useful for companies to record their account. It allows different types of accounting entries eg. Sales,purchase,cash,Journal entries... etc. User can see final status of their origination using final accounting statements like Balance sheet and Profit & Loss account.

</p>

</div>

<div class="feature-list-item">

<h3>Suitable for small business </h3>

<p>

Accounts++ is lightweight web application to record your day to day financial transactions. It is not loaded with high end libraries and other high end stuff. It is made for simple and lightweight enviroment.

</p>

</div>

<div class="feature-list-item">

<h3>Available Anywhere </h3>

<p>

Accounts++ is web application that means it will be available anywhere. One can use Accounts++ at office and same thing at home too it just need Username/password of user.

</p>

</div>

<div class="feature-list-item">

<h3>All type of Transactions are covered. </h3>

<p>

With Accounts++ you can record any kind of business transaction. You can have following types of entries. and for other entries not listed here you can use Journal.

<ul>

<li>Sales Entry </li>

<li>Sales Return Entry </li>

<li>Purchase Entry </li>

<li>Purchase Return Entry </li>

<li>Income Entry </li>

<li>Expance Entry </li>

<li>Journal Entry </li>

</ul>

</p>

</div>

<div class="feature-list-item">

<h3>Wide types of reports. </h3>

<p>

Accounts++ Generates many types of reports including final accounts. These reports contains following reports.

<ul>

<li>Sales Book </li>

<li>Sales Return Book</li>

<li>Purchase Book</li>

<li>Purchase Return Book</li>

<li>Income Report</li>

<li>Expance Report </li>

<li>Cash Book</li>

<li>Trial Balance</li>

<li>Profie & Loss Account</li>

<li>Balance Sheet</li>

</ul>

</p>

</div>

</div>

</div>

</div>

</asp:Content>

About Page.



**Description:**

* This page gives information about website
* This page also give information about Account++ Application.

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Front.master" AutoEventWireup="false" CodeFile="About.aspx.vb" Inherits="Default3" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main-area">

<div class="discription-background">

<div class="discription-title">

About Music.com

</div>

<div class="discription-content">

Accounts++ is simple online accounting application. It is useful for companies to record their account. It allows different types of accounting entries eg. Sales,purchase,cash,Journal entries... etc. User can see final status of their origination using final accounting statements like Balance sheet and Profit & Loss account.

</div>

<hr>

<div class="discription-title">

Features

</div>

<div class="discription-content">

Accounts++ is web application built with ASP.NET Framework. User can register their company and then he/she can record their companies accounts securely. It provide accounting in same way as it was being done traditionally. Accounts++ provides different types of transaction entries which fulfill all the requirements of financial accounting system.<br />

&nbsp;&nbsp;&nbsp; 1. Sale Entry<br />

&nbsp;&nbsp;&nbsp; 2. Purchase Entry<br />

&nbsp;&nbsp;&nbsp; 3. Sale Return Entry<br />

&nbsp;&nbsp;&nbsp; 4. Purchase Return Entry<br />

&nbsp;&nbsp;&nbsp; 5. Income Entry<br />

&nbsp;&nbsp;&nbsp; 6. Expanse Entry<br />

&nbsp;&nbsp;&nbsp; 7. Cash Transaction Entry<br />

&nbsp;&nbsp;&nbsp; 8. Journal Entry (All other types of entries)<br />

It also provide following reports which are very useful for analysis.

<br />

<br />

1. Sale Book<br />

2. Purchase Book<br />

3. Sale Return Book<br />

4. Purchase Return Book<br />

5. Cash Book<br />

6. Income/Expanse Report<br />

7. Ledger Reports<br />

<br />

It also provide final account reports.

<br />

<br />

1. Trial Balance<br />

2. Trading and Profit &amp; Loss Account<br />

3. Balance Sheet<br />

</div>

</div>

<div class="contact-form-background">

<h3>Contact Us: </h3>

<div class="contact-form">

<form action="" method="POST" onsubmit="return false;" name="contactForm">

<table>

<tbody id="contactFormTable">

<tr><td><span class="form-item-heading">Your Name: </span></td></tr>

<tr><td>

<input type="text" name="name" placeholder="Full Name" required>

</td></tr>

<tr><td><span class="form-item-heading">Your Email: </span> </td></tr>

<tr><td>

<input type="text" name="email" placeholder="abcd@example.com" required>

</td></tr>

<tr><td><span class="form-item-heading">Subject: </span> </td></tr>

<tr><td>

<input type="text" name="Subject" placeholder="About Question/Query/Suggestion" required>

</td></tr>

<tr><td><span class="form-item-heading">Discription: </span></td></tr>

<tr><td>

<textarea name="discription" placeholder="Discription of your Question/Query/Suggestion" required></textarea>

</td></tr>

<tr><td>

<input type="submit" name="submit" value="Send Message">

</td></tr>

</tbody>

</table>

</form>

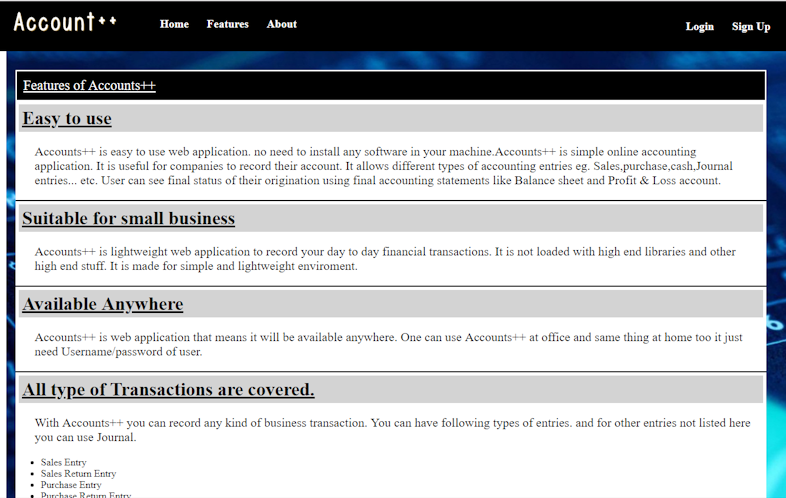
</div>

</div>

</div>

</asp:Content>

Features Page.



**Description:**

* It describes features of Account++ website.

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Front.master" AutoEventWireup="false" CodeFile="Features.aspx.vb" Inherits="Default3" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server"></asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main-area">

<div class="trending-album-area">

<div class="home-trending-title">

Features of Accounts++

</div>

<div class="trending-album-list" >

<div class="feature-list-item">

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</div>

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</p>

</div>

<div class="feature-list-item">

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Accounts++ is web application that means it will be available anywhere. One can use Accounts++ at office and same thing at home too it just need Username/password of user.

</p>

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<li>Purchase Return Entry </li>

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<li>Expance Entry </li>

<li>Journal Entry </li>

</ul>

</p>

</div>

<div class="feature-list-item">

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Accounts++ Generates many types of reports including final accounts. These reports contains following reports.

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<li>Cash Book</li>

<li>Trial Balance</li>

<li>Profie & Loss Account</li>

<li>Balance Sheet</li>

</ul>

</p>

</div>

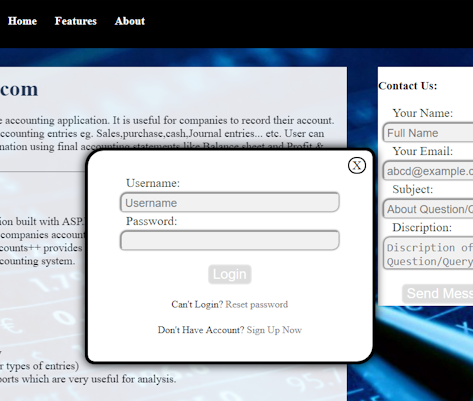
</div>

</div>

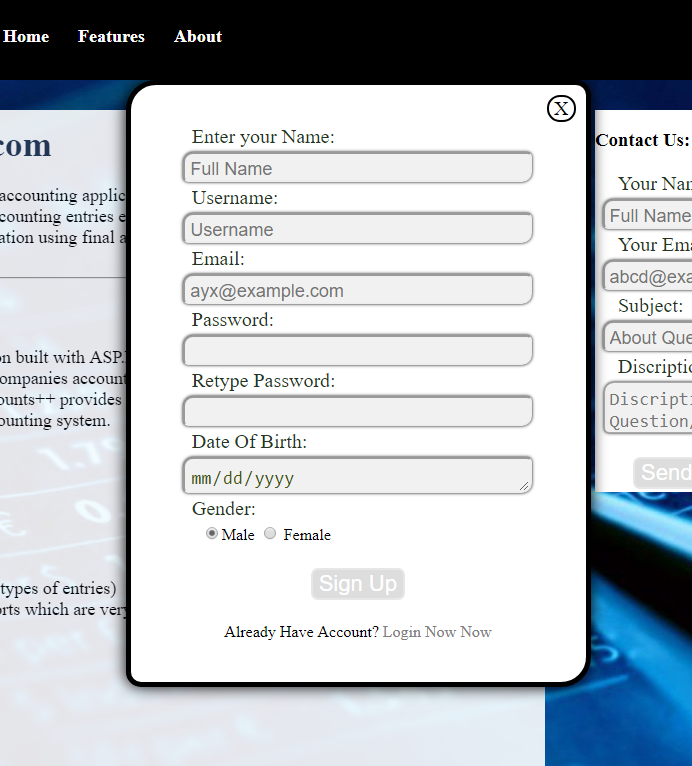
</div>

</asp:Content>

Login.



Sign Up:



**Description of Login and Signup page:**

* Login and description pages are popup.
* It sends User’s login or registration details to backend VB script dataModel.aspx and receives response using Ajax.

Code:

HTML Codes already included in Front.master page

Backend JS Code: (js/script.js)

function showPopup(id,per=30){

$("#"+id).animate({top:per+"%"})

}

function hidePopup(id){

$("#"+id).animate({top:"-200%"})

}

function validateSignup(frm){

window.frm=frm;

if(frm.name.value == ""){

notie.error("Please Enter Full Name");

return false;

}

else if(frm.username.value == ""){

notie.error("Please Enter username");

return false;

}

else if(frm.username.value.length < 8){

notie.error("Username should not be less then 8 characters");

return false;

}

else if(frm.email.value.indexOf("@")== -1 || frm.email.value.indexOf(".",frm.email.value.indexOf("@"))==-1||frm.email.value.indexOf("@") > frm.email.value.indexOf(".",frm.email.value.indexOf("@"))){

notie.error("Enter valid email");

return false;

}

else if(frm.password.value == "" || frm.password.value.length < 8){

notie.error("Password Must be atleast 8 characters long");

return false;

}

else if(frm.password.value != frm.repassword.value){

notie.error("Retype Password Do not match");

return false;

}

else if(frm.phone\_no.value == ""){

notie.error("phone no");

return false;

}

$.ajax({

url: "AjaxHandler.aspx",

type: "POST",

data:{

signup: "true",

company\_name: frm.name.value,

username: frm.username.value,

email: frm.email.value,

password: frm.password.value,

phone\_no: frm.phone\_no.value

},

success:function(data){

console.log(data);

if(data=="success"){

notie.success("Registeration Successful");

hidePopup("signupPopup");

$("#loginArea").hide();

}

else if(data=="userexist"){

notie.success("Account with same Username or Email already Exist");

}

else if(data=="a"){

notie.success("Account with same Username or Email already Exist");

}

else {

notie.success("Internal Server Error");

}

},

error:function(er){

console.log(er);

notie.error("Error submitting form");

}

});

return false;

}

function validateLogin(frm){

if(frm.username.value == ""){

notie.error("Please Enter username");

return false;

}

else if(frm.password.value == ""){

notie.error("Please Enter password");

return false;

}

//notie.success("Login Successful");

$.ajax({

url: "AjaxHandler.aspx",

type: "POST",

data:{

login: "true",

username: frm.username.value,

password: frm.password.value

},

success:function(data){

console.log(data);

if(data=="success"){

notie.success("Successfully Logged In Successful .... Reloading");

hidePopup("loginPopup");

$("#loginArea").hide();

window.location.assign("PanelHome.aspx");

}

else if(data=="usernotfound"){

notie.error("User dose not exist");

}

else if(data=="wrongpassword"){

notie.error("Username and password do not match");

}

else {

notie.error("Internal Server Error");

}

},

error:function(er){

console.log(er);

notie.error("Error submitting form");

}

});

//hidePopup("loginPopup");

//$("#loginArea").hide();

return false;

}

**Work Area Interface:**

Common Backend Handler Page for Front and Panel pages (dataModel.aspx)

It handles all ajax requests.

Partial Class dataModel

Inherits System.Web.UI.Page

Dim db As New Database()

Protected Sub Page\_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load

If Request.Params("all\_accounts") <> "" Then

Dim aa = db.sqlQueryJson("select \* from accounts where user\_id=" & Session("userLogged"))

Response.Write(aa)

ElseIf Request.Params("ac-add") <> "" Then

Dim ac\_name = Request.Params("ac-name")

Dim ac\_type = Request.Params("ac-type")

Dim ac\_balance = Request.Params("ac-balance")

Dim res = db.addAccount(ac\_name, ac\_type, ac\_balance, Session("userLogged"))

If res Then

Response.Write("success")

Else

Response.Write("error")

End If

ElseIf Request.Params("ac-update") <> "" Then

'Response.Write("updating")

Dim ac\_name = Request.Params("ac-name")

Dim ac\_type = Request.Params("ac-type")

Dim ac\_balance = Request.Params("ac-balance")

Dim id = Request.Params("id")

Dim res = db.updateAccount(ac\_name, ac\_type, ac\_balance, id)

If res Then

Response.Write("success")

Else

Response.Write("error")

End If

ElseIf Request.Params("ac-delete") <> "" Then

Dim id = Request.Params("id")

Dim res = db.deleteAccount(id)

If res Then

Response.Write("success")

Else

Response.Write("error")

End If

ElseIf Request.Params("entryType") <> "" Then

Dim entryType = Request.Params("entryType")

Dim acDebit = Request.Params("acDebit")

Dim acCredit = Request.Params("acCredit")

Dim acDate = Request.Params("acDate")

Dim acAmount = Request.Params("acAmount")

Dim acInvoice = Request.Params("acInvoice")

Dim res = db.journalEntry(acDebit, acCredit, acDate, acAmount, acInvoice)

If res = 0 Then

Response.Write("error")

Else

Response.Write("success")

End If

ElseIf Request.Params("acByName") <> "" Then

Dim res = db.dbScalar("select id from accounts where ac\_name='" & Request.Params("acByName") & "'")

If res = 0 Then

'Response.Write("notfound")

Dim nid = db.nextId("accounts", "id")

Dim res2 = db.dbNonQuery("insert into accounts (id,ac\_name,ac\_type,ac\_balance,user\_id) values (" & nid & ",'" & Request.Params("acByName") & "','" & Request.Params("acType") & "',0," & Session("userLogged") & ")")

If res2 = 0 Then

Response.Write("cantcreate")

Else

Response.Write(nid)

End If

Else

Response.Write(res)

End If

ElseIf Request.Params("listTransaction") <> "" Then

Dim id = Request.Params("listTransaction")

Dim res = db.sqlQueryJson("select id,date,ac\_debit,ac\_credit,amount,invoice,(select ac\_name from accounts where id=transactions.ac\_debit) as name\_debit,(select ac\_name from accounts where id=transactions.ac\_credit) as name\_credit from transactions where ac\_debit=" & id & " or ac\_credit=" & id & " order by date desc")

Response.Write(res)

ElseIf Request.Params("listAllTransaction") <> "" Then

Dim limit = Request.Params("listAllTransaction")

Dim res = db.sqlQueryJson("select TOP " & limit & " id,date,ac\_debit,ac\_credit,amount,invoice,(select ac\_name from accounts where id=transactions.ac\_debit) as name\_debit,(select ac\_name from accounts where id=transactions.ac\_credit) as name\_credit from transactions order by date desc ")

Response.Write(res)

ElseIf Request.Params("clearAccounts") <> "" Then

Response.Write(db.dbNonQuery("delete from transactions where ac\_debit in (select id from accounts where user\_id=" & Session("userLogged") & " ) and ac\_credit in (select id from accounts where user\_id=" & Session("userLogged") & ")"))

Response.Write(db.dbNonQuery("delete from accounts where user\_id=" & Session("userLogged")))

End If

End Sub

End Class

Common Database Class: (AppCode/Database.vb)

Imports Microsoft.VisualBasic

Imports System.Data.SqlClient

Imports System.Data

Public Class Database

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename='|DataDirectory|\Database.mdf';Integrated Security=True;User Instance=True")

Function dbNonQuery(ByVal query As String) As Integer

Dim cmd As New SqlCommand(query, con)

Dim res = -1

Try

con.Open()

res = cmd.ExecuteNonQuery()

con.Close()

Return res

Catch ex As Exception

MsgBox(ex.Message)

Return 0

Finally

con.Close()

End Try

Return res

End Function

Function dbScalar(ByVal query As String) As String

Dim cmd As New SqlCommand(query, con)

Dim res = -1

Try

con.Open()

res = cmd.ExecuteScalar()

con.Close()

Return res

Catch ex As Exception

MsgBox(ex.Message)

Return 0

Finally

con.Close()

End Try

Return res

End Function

Sub FillDs(ByVal query As String, ByVal tbl As String, ByRef ds As Data.DataSet)

Dim cmd As New SqlCommand(query, con)

Dim da As New SqlDataAdapter(cmd)

da.Fill(ds, tbl)

End Sub

Function sqlQueryJson(ByVal query As String) As String

Dim ds As New Data.DataSet

Dim cmd As New SqlCommand(query, con)

Dim da As New SqlDataAdapter(cmd)

da.Fill(ds)

Return GetJson(ds.Tables(0))

End Function

Private Function GetJson(ByVal dt As DataTable) As String

Dim Jserializer As New System.Web.Script.Serialization.JavaScriptSerializer()

Dim rowsList As New List(Of Dictionary(Of String, Object))()

Dim row As Dictionary(Of String, Object)

For Each dr As DataRow In dt.Rows

row = New Dictionary(Of String, Object)()

For Each col As DataColumn In dt.Columns

row.Add(col.ColumnName, dr(col))

Next

rowsList.Add(row)

Next

Return Jserializer.Serialize(rowsList)

End Function

Function dbReader(ByVal query As String) As SqlDataReader

Dim cmd As New SqlCommand(query, con)

Dim res As SqlDataReader

Try

con.Open()

res = cmd.ExecuteReader()

Return res

Catch ex As Exception

MsgBox(ex.Message)

Return res

Finally

'con.Close()

End Try

Return res

End Function

Function registerUser(ByVal company\_name As String, ByVal username As String, ByVal password As String, ByVal email As String, ByVal phone\_no As String) As Integer

Return dbNonQuery("insert into users (company\_name, username, email, phone\_no, [password]) values ('" & company\_name & "','" & username & "','" & email & "','" & phone\_no & "','" & password & "')")

End Function

Function isUserExist(ByVal username As String, ByVal email As String) As Integer

Return dbScalar("select count(id) from users where email='" & email & "' or username='" & username & "'")

End Function

Function checkLoginData(ByVal username As String, ByVal password As String) As Boolean

Dim res As SqlDataReader = dbReader("select password from users where username='" & username & "'")

If Not (res.HasRows) Then

Return False

End If

Return True

End Function

Function addAccount(ByVal ac\_name As String, ByVal ac\_type As String, ByVal ac\_balance As String, ByVal user\_id As String) As Boolean

Dim nid = nextId("accounts", "id")

Return dbNonQuery("insert into accounts (id,ac\_name,ac\_type,ac\_balance,user\_id) values (" & nid & ",'" & ac\_name & "','" & ac\_type & "','" & ac\_balance & "','" & user\_id & "')")

End Function

Function updateAccount(ByVal ac\_name As String, ByVal ac\_type As String, ByVal ac\_balance As String, ByVal id As String) As Boolean

Return dbNonQuery("update accounts set ac\_name='" & ac\_name & "',ac\_type='" & ac\_type & "',ac\_balance='" & ac\_balance & "' where ID=" & id)

End Function

Function deleteAccount(ByVal id As String) As Boolean

Return dbNonQuery("delete from accounts where ID=" & id)

End Function

Function addTransaction(ByVal ac\_debit As String, ByVal ac\_credit As String, ByVal amount As String) As Boolean

'Return dbNonQuery("insert into transactions (ac\_debit,ac\_credit,amount) values ()")

Return False

End Function

Function journalEntry(ByVal ac\_debit As String, ByVal ac\_credit As String, ByVal ac\_date As String, ByVal amount As String, ByVal invoice As String) As Integer

'MsgBox("insert into transactions (ac\_debit,ac\_credit,amount,date) values (" & ac\_debit & "," & ac\_credit & ",'" & ac\_date & "'," & amount & ")")

dbNonQuery("update accounts set ac\_balance = ac\_balance - " & amount & " where id=" & ac\_credit)

dbNonQuery("update accounts set ac\_balance = ac\_balance + " & amount & " where id=" & ac\_debit)

Return dbNonQuery("insert into transactions (ac\_debit,ac\_credit,date,amount,invoice) values (" & ac\_debit & "," & ac\_credit & ",'" & ac\_date & "'," & amount & ",'" & invoice & "')")

End Function

Function nextId(ByVal table As String, ByVal col As String) As Integer

Dim rs = dbScalar("select max(" & col & ") from " & table)

If Not IsDBNull(rs) Then

Return Val(rs) + 1

End If

Return 0

End Function

End Class

Common Entry Handler JS backend for All types of entries and reports.

window.currentHover=0;

var ul1='<ul class="select-popup" style="display: none">\

</ul>';

var ul2=document.createElement("ul");

ul2.className="select-popup";

ul2.style.display="none";

ul2.id="acList";

$(document).ready(function(){

$("#btnEntry").click(btnEntryClick);

$("#acAmountCredit").change(function(){

$("#acAmountDebit").val($(this).val());

});

$("#acAmountDebit").change(function(){

$("#acAmountCredit").val($(this).val());

});

});

$('.ac-date').datetimepicker();

$(".ac-list").on("input",function(){

//console.log(this.value);

$(ul2).empty();

currentHover=0;

for(a of acs){

if(a.name.toLowerCase().includes(this.value.toLowerCase())){

$(ul2).append("<li data-id="+a.id+">"+a.name+"</li>");

}

}

this.parentElement.appendChild(ul2);

$(ul2).find("li").hover(liHoverFunction);

$(ul2).find("li").click(liOnClick);

$("#acList li").eq(currentHover).css("background","grey");

$(ul2).show();

});

$(".ac-list").on("keydown",function(e){

if(e.keyCode==40){

/\* Key Down \*/

acListDown();

}

else if(e.keyCode==38){

/\* Key Up \*/

acListUp();

}

else if(e.keyCode==13 || e.keyCode==9){ /\* Key Enter=13 and Tab=9 \*/

window.acId=$("#acList li").eq(currentHover).attr("data-id");

for(a of acs){

if(a.id==acId){

this.value=a.name;

$(this).attr("data-id",a.id);

$("#acList").hide();

break;

}

}

}

else if(e.keyCode==27){

/\* Key Escape \*/

$("#acList").hide();

}

else if(false){

//goForNext();

}

});

$(".table-custom \*").focus(function(){

$(this).addClass("active");

});

$(".table-custom \*").blur(function(){

$(this).removeClass("active");

});

function liHoverFunction(){

$("#acList li").eq(currentHover).css("background","none");

window.currentHover=$(this).prevAll().length;

$("#acList li").eq(currentHover).css("background","grey");

}

function liOnClick(){

window.acId=$("#acList li").eq(currentHover).attr("data-id");

for(a of acs){

if(a.id==acId){

$(this).parent().prev().val(a.name);

$(this).parent().prev().attr("data-id",a.id);

$(this).parent().hide()

break;

}

}

}

function acListUp(){

$("#acList li").eq(currentHover).css("background","none");

window.currentHover--;

$("#acList li").eq(currentHover).css("background","grey");

}

function acListDown(){

$("#acList li").eq(currentHover).css("background","none");

window.currentHover++;

$("#acList li").eq(currentHover).css("background","grey");

}

function btnEntryClick(){

if(checkForValidEntry()){

var dta={

entryType: "journal",

acDebit: $("#acDebit").data("id"),

acCredit: $("#acCredit").data("id"),

acAmount: $("#acAmountDebit").val(),

acInvoice: $("#acInvoice").val(),

acDate: $("#acDate").val()

};

console.log(dta);

$.ajax({

url: "dataModel.aspx",

type: "POST",

data:dta,

success:function(data){

if(data=="success"){

if(loadRecords){

loadRecords(window.acid);

}

notie.success("Transaction Successful");

}

console.log(data);

},

error:function(err){

console.log(err.responseText);

}

});

}

}

function checkForValidEntry(){

if(!$("#acDebit").data("id")){

notie.error("Account Debit is empty");

return false;

}

else if(!$("#acCredit").data("id")){

notie.error("Account Credit is empty");

return false;

}

else if(!$("#acAmountDebit").val()){

notie.error("Amount Debit is empty");

return false;

}

else if(!$("#acAmountCredit").val()){

notie.error("Amount Credit is empty");

return false;

}

else if(!$("#acInvoice").val()){

notie.error("Invoice Number is empty");

return false;

}

else if(!$("#acDate").val()){

notie.error("Select Date");

return false;

}

else if($("#acCredit").data("id")==$("#acDebit").data("id")){

notie.error("Debit and credit accounts both are same");

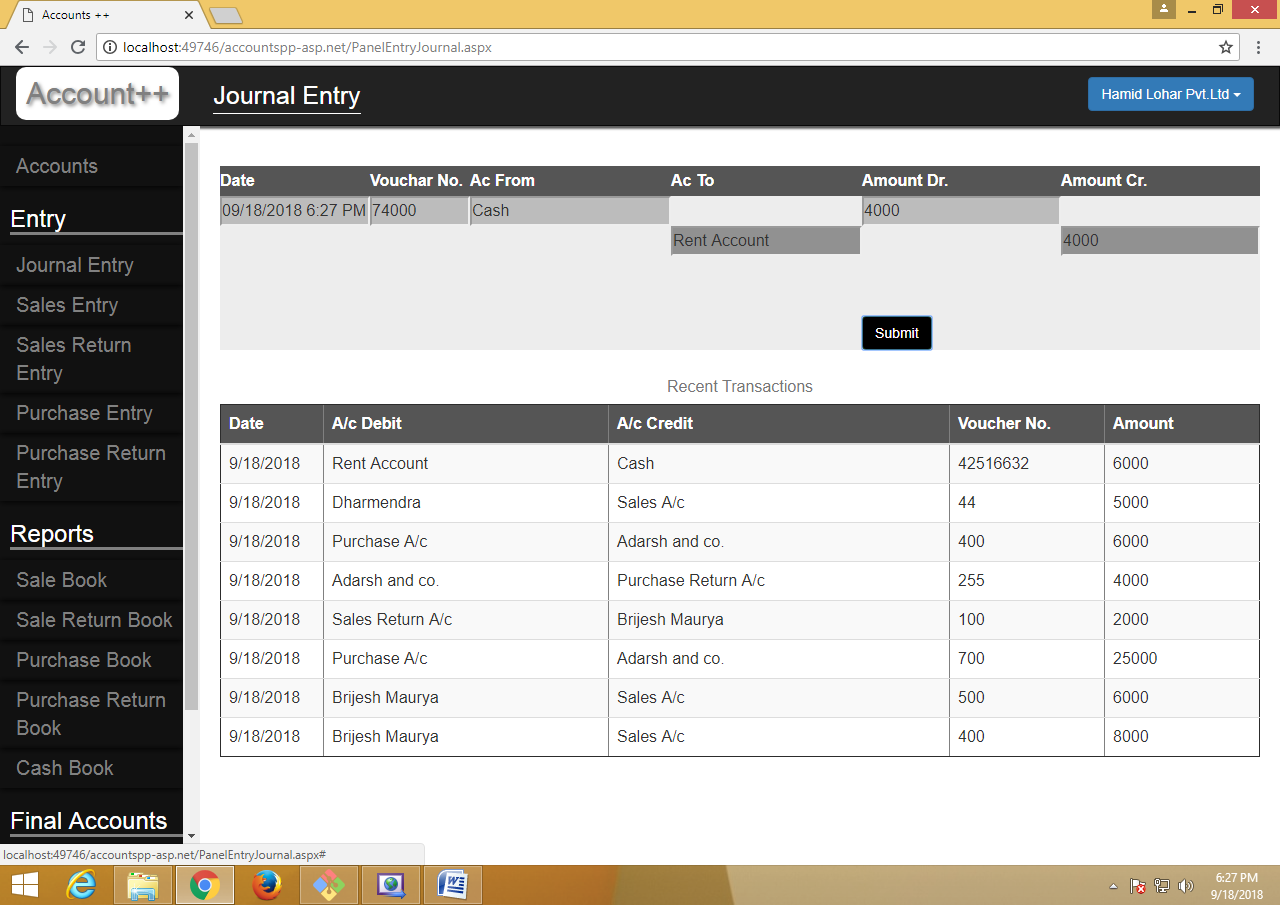
return false;

}

return true;

}

Journal Entry.



**Description:**

* It Provide form for doing journal entry
* It also show 10 recent transaction of journal entry

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Panel.master" AutoEventWireup="false" CodeFile="PanelEntryIncome.aspx.vb" Inherits="Default2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Income Entry</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main">

<table border="0" class="table-custom" style="width:100%">

<tr>

<th width="10%">Date</th>

<th width="60%">Particular</th>

<th width="10%">Invoice No</th>

<th width="10%">Amount</th>

</tr>

<input type="hidden" class="ac-list" id="acAmountCredit">

<input type="hidden" class="ac-list" id="acCredit">

<tr class="ac-dr">

<td><input type="text" class="ac-date" id="acDate"></td>

<td><input type="text" class="ac-list" id="acDebit"></td>

<td><input type="text" class="ac-invoice" id="acInvoice"></td>

<td><input type="number" class="ac-amount" id="acAmountDebit"></td>

</tr>

<tr>

<td colspan="5"></td>

</tr>

<tr>

<td colspan="5"></td>

</tr>

<tr>

<td></td>

<td></td>

<td></td>

<td><a href="#" class="btn btn-success" id="btnEntry">Submit</a></td>

<td></td>

</tr>

</table>

</div>

</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="footer" Runat="Server">

<script type="text/javascript" src="js/entry-helper.js"></script>

<script>

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

acByName: "Income A/c",

acType: "nominal"

},

success: function (data) {

if (data != "notfound") {

$("#acCredit").data("id", data);

$("#acCredit").val(data);

}

console.log(data);

},

error: function (err) {

console.log(err.responseText);

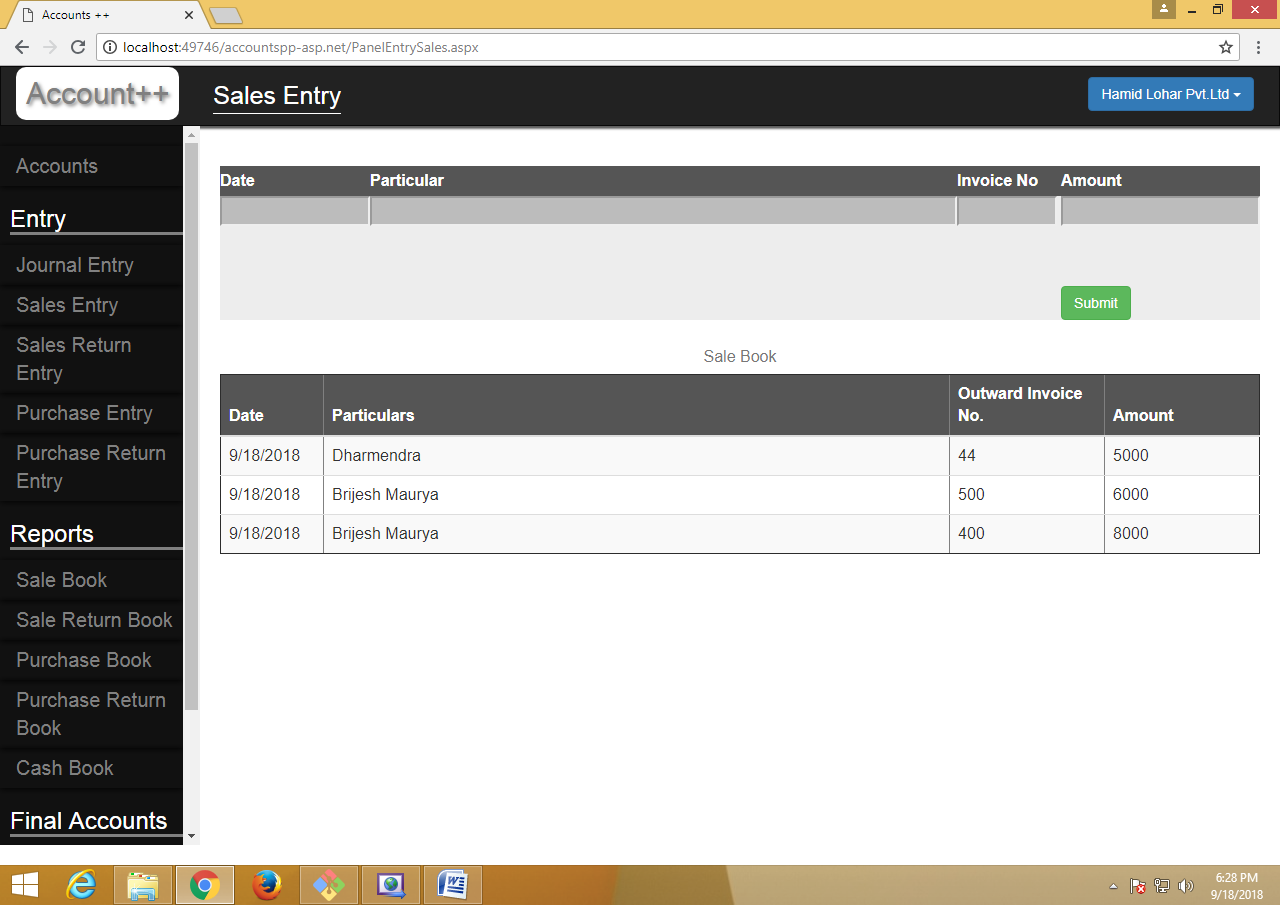
}

});

</script>

</asp:Content>

Sales Entry (PanelEntrySales.asxp)



**Description:**

* It Provide form for doing Sales Entry.
* It also show 10 recent transaction of Sales Entry.

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Panel.master" AutoEventWireup="false" CodeFile="PanelEntrySales.aspx.vb" Inherits="Default2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Sales Entry</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main">

<table border="0" class="table-custom" style="width:100%">

<tr>

<th width="10%">Date</th>

<th width="60%">Particular</th>

<th width="10%">Invoice No</th>

<th width="10%">Amount</th>

</tr>

<input type="hidden" class="ac-list" id="acAmountCredit">

<input type="hidden" class="ac-list" id="acCredit">

<tr class="ac-dr">

<td><input type="text" class="ac-date" id="acDate"></td>

<td><input type="text" class="ac-list" id="acDebit"></td>

<td><input type="text" class="ac-invoice" id="acInvoice"></td>

<td><input type="number" class="ac-amount" id="acAmountDebit"></td>

</tr>

<tr>

<td colspan="5"></td>

</tr>

<tr>

<td colspan="5"></td>

</tr>

<tr>

<td></td>

<td></td>

<td></td>

<td><a href="#" class="btn btn-success" id="btnEntry">Submit</a></td>

<td></td>

</tr>

</table>

<br />

<table class="table table-striped" border="1" >

<caption style="text-align: center">Sale Book</caption>

<thead>

<tr>

<th width="10%">Date</th>

<th>Particulars</th>

<th width="15%">Outward Invoice No.</th>

<th width="15%">Amount</th>

</tr>

</thead>

<tbody id="tableRecords">

</tbody>

</table>

</div>

</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="footer" Runat="Server">

<script type="text/javascript" src="js/entry-helper.js"></script>

<script>

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

acByName: "Sales A/c",

acType: "real"

},

success: function (data) {

if (data != "notfound") {

$("#acCredit").data("id", data);

$("#acCredit").val(data);

window.acid = data;

loadRecords(data);

}

console.log(data);

},

error: function (err) {

console.log(err.responseText);

}

});

function loadRecords(id) {

$("#tableRecords").empty();

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

listTransaction: id

},

success: function (data) {

if (data) {

jData = JSON.parse(data);

for (var i in jData) {

if (jData[i].ac\_credit != id) {

continue;

}

var dt = new Date(parseInt(jData[i].date.split("(")[1].split(")")[0]));

$("#tableRecords").append("<tr>" +

"<td>" + dt.toLocaleDateString() + "</td>" +

"<td>" + jData[i].name\_debit + "</td>" +

"<td>" + jData[i].invoice + "</td>" +

"<td>" + jData[i].amount + "</td>" +

"</tr>");

}

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

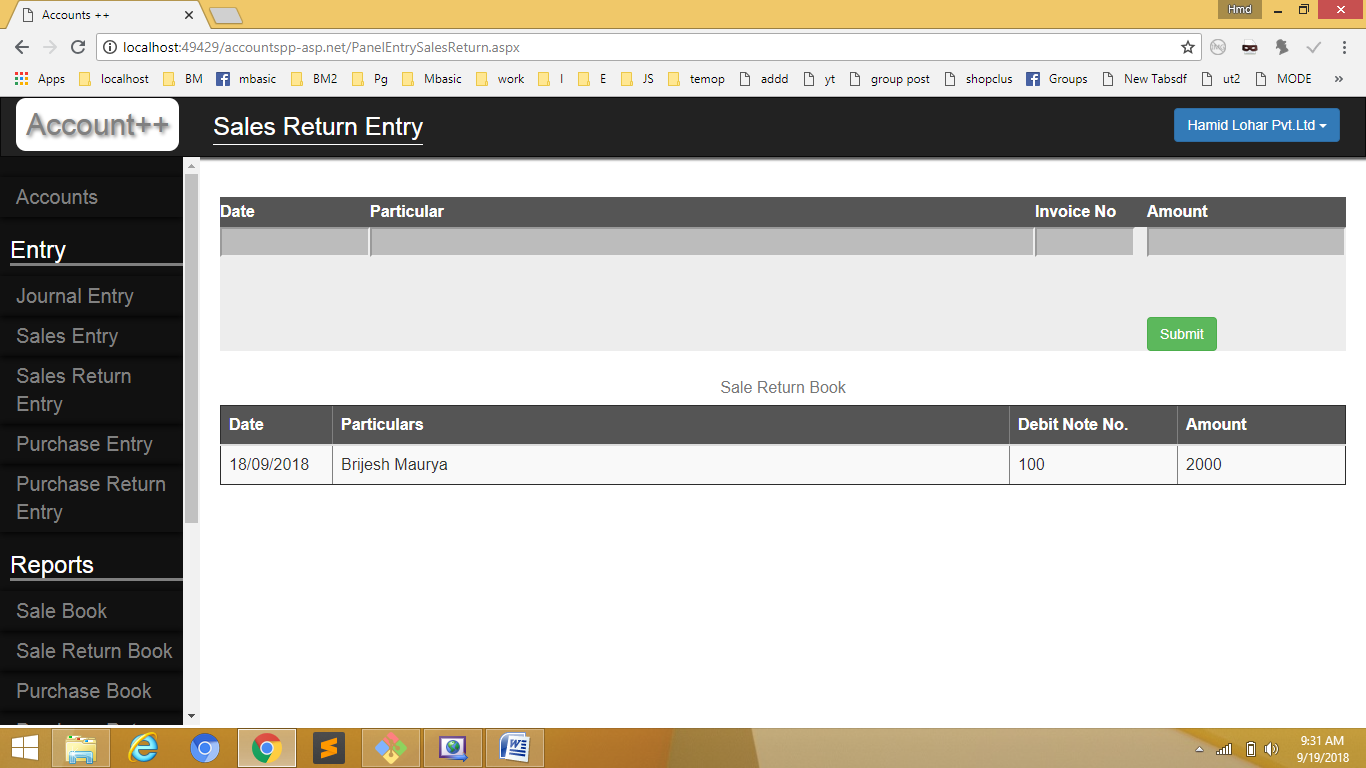
});

}

</script>

</asp:Content>

Sales Return Entry: (PanelEntrySalesReturn.aspx)



**Description:**

* It Provide form for doing journal entry
* It also show 10 recent transaction of journal entry

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Panel.master" AutoEventWireup="false" CodeFile="PanelEntrySalesReturn.aspx.vb" Inherits="Default2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Sales Return Entry</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main">

<table border="0" class="table-custom" style="width:100%">

<tr>

<th width="10%">Date</th>

<th width="60%">Particular</th>

<th width="10%">Invoice No</th>

<th width="10%">Amount</th>

</tr>

<input type="hidden" class="ac-list" id="acAmountCredit">

<input type="hidden" class="ac-list" id="acDebit">

<tr class="ac-dr">

<td><input type="text" class="ac-date" id="acDate"></td>

<td><input type="text" class="ac-list" id="acCredit"></td>

<td><input type="text" class="ac-invoice" id="acInvoice"></td>

<td><input type="number" class="ac-amount" id="acAmountDebit"></td>

</tr>

<tr>

<td colspan="5"></td>

</tr>

<tr>

<td colspan="5"></td>

</tr>

<tr>

<td></td>

<td></td>

<td></td>

<td><a href="#" class="btn btn-success" id="btnEntry">Submit</a></td>

<td></td>

</tr>

</table>

<br />

<table class="table table-striped" border="1">

<caption style="text-align: center">Sale Return Book</caption>

<thead>

<tr>

<th width="10%">Date</th>

<th>Particulars</th>

<th width="15%">Debit Note No.</th>

<th width="15%">Amount</th>

</tr>

</thead>

<tbody id="tableRecords">

</tbody>

</table>

</div>

</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="footer" Runat="Server">

<script type="text/javascript" src="js/entry-helper.js"></script>

<script>

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

acByName: "Sales Return A/c",

acType: "real"

},

success: function (data) {

if (data != "notfound") {

$("#acDebit").data("id", data);

$("#acDebit").val(data);

loadRecords(data);

window.acid = data;

}

console.log(data);

},

error: function (err) {

console.log(err.responseText);

}

});

function loadRecords(id) {

$("#tableRecords").empty();

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

listTransaction: id

},

success: function (data) {

if (data) {

jData = JSON.parse(data);

for (var i in jData) {

if (jData[i].ac\_debit != id) {

continue;

}

var dt = new Date(parseInt(jData[i].date.split("(")[1].split(")")[0]));

$("#tableRecords").append("<tr>" +

"<td>" + dt.toLocaleDateString() + "</td>" +

"<td>" + jData[i].name\_credit + "</td>" +

"<td>" + jData[i].invoice + "</td>" +

"<td>" + jData[i].amount + "</td>" +

"</tr>");

}

}

else {

notie.error("Could not load Transactions");

console.log(data);

}

},

error: function (err) {

console.log(err.responseText);

}

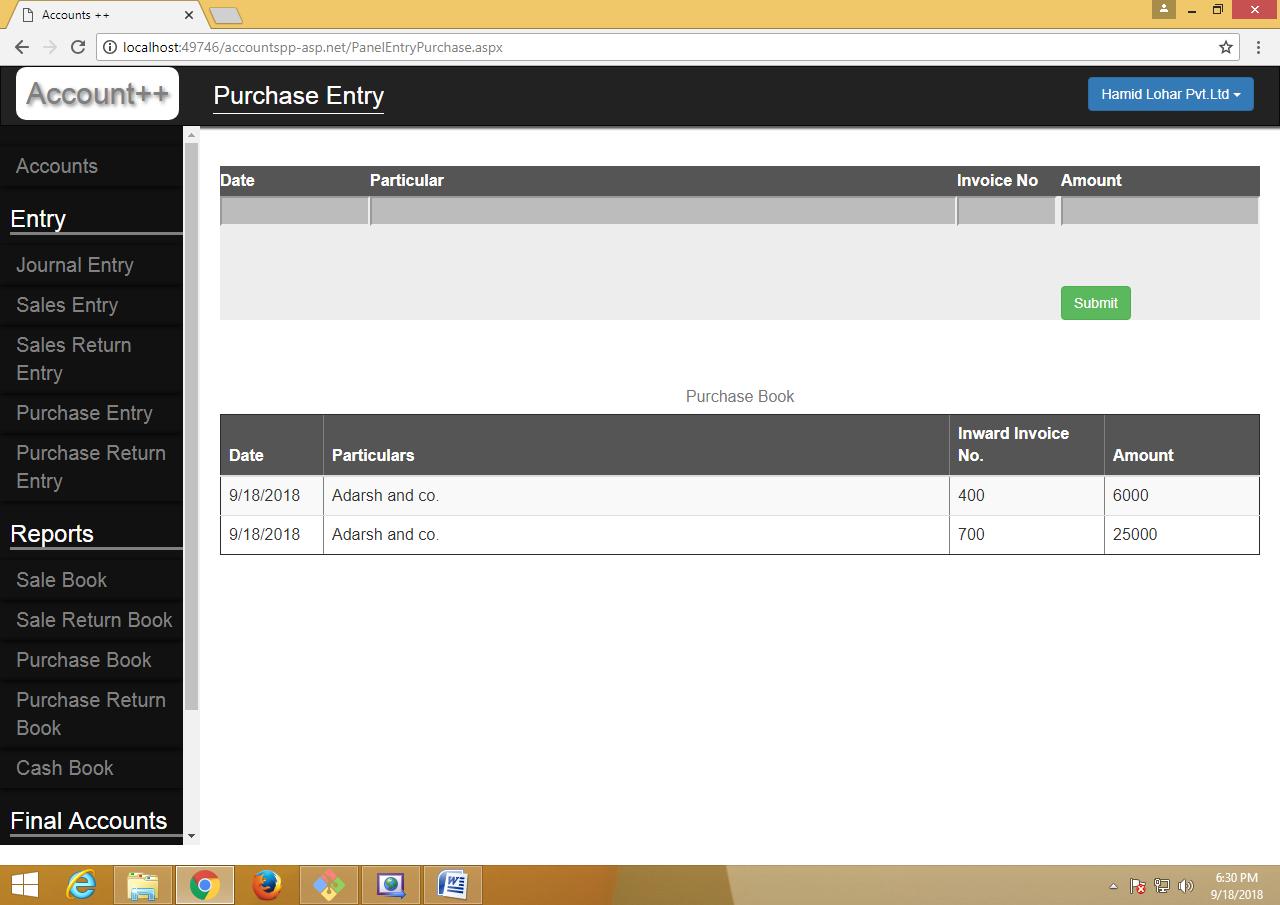
});

}

</script>

</asp:Content>

Purchase Entry: (PanelEntryPurchase.aspx)



**Description:**

* It Provide form for doing Sales Retturn Entry
* It also show 10 recent transaction of Sales Return Entry

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Panel.master" AutoEventWireup="false" CodeFile="PanelEntryPurchase.aspx.vb" Inherits="Default2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Purchase Entry</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main">

<table border="0" class="table-custom" style="width:100%">

<tr>

<th width="10%">Date</th>

<th width="60%">Particular</th>

<th width="10%">Invoice No</th>

<th width="10%">Amount</th>

</tr>

<input type="hidden" class="ac-list" id="acAmountCredit">

<input type="hidden" class="ac-list" id="acDebit">

<tr class="ac-dr">

<td><input type="text" class="ac-date" id="acDate"></td>

<td><input type="text" class="ac-list" id="acCredit"></td>

<td><input type="text" class="ac-invoice" id="acInvoice"></td>

<td><input type="number" class="ac-amount" id="acAmountDebit"></td>

</tr>

<tr>

<td colspan="5"></td>

</tr>

<tr>

<td colspan="5"></td>

</tr>

<tr>

<td></td>

<td></td>

<td></td>

<td><a href="#" class="btn btn-success" id="btnEntry">Submit</a></td>

<td></td>

</tr>

</table>

<br />

<br />

<br />

<table class="table table-striped" border="1">

<caption style="text-align: center">Purchase Book</caption>

<thead>

<th width="10%">Date</th>

<th>Particulars</th>

<th width="15%">Inward Invoice No.</th>

<th width="15%">Amount</th>

</tr>

</thead>

<tbody id="tableRecords">

</tbody>

</table>

</div>

</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="footer" Runat="Server">

<script type="text/javascript" src="js/entry-helper.js"></script>

<script>

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

acByName: "Purchase A/c",

acType: "real"

},

success: function (data) {

if (data != "notfound") {

$("#acDebit").data("id", data);

$("#acDebit").val(data);

loadRecords(data);

window.acid = data;

}

console.log(data);

},

error: function (err) {

console.log(err.responseText);

}

});

function loadRecords(id) {

$("#tableRecords").empty();

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

listTransaction: id,

limit: 10

},

success: function (data) {

if (data) {

jData = JSON.parse(data);

for (var i in jData) {

if (jData[i].ac\_debit != id) {

continue;

}

var dt = new Date(parseInt(jData[i].date.split("(")[1].split(")")[0]));

$("#tableRecords").append("<tr>" +

"<td>" + dt.toLocaleDateString() + "</td>" +

"<td>" + jData[i].name\_credit + "</td>" +

"<td>" + jData[i].invoice + "</td>" +

"<td>" + jData[i].amount + "</td>" +

"</tr>");

}

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

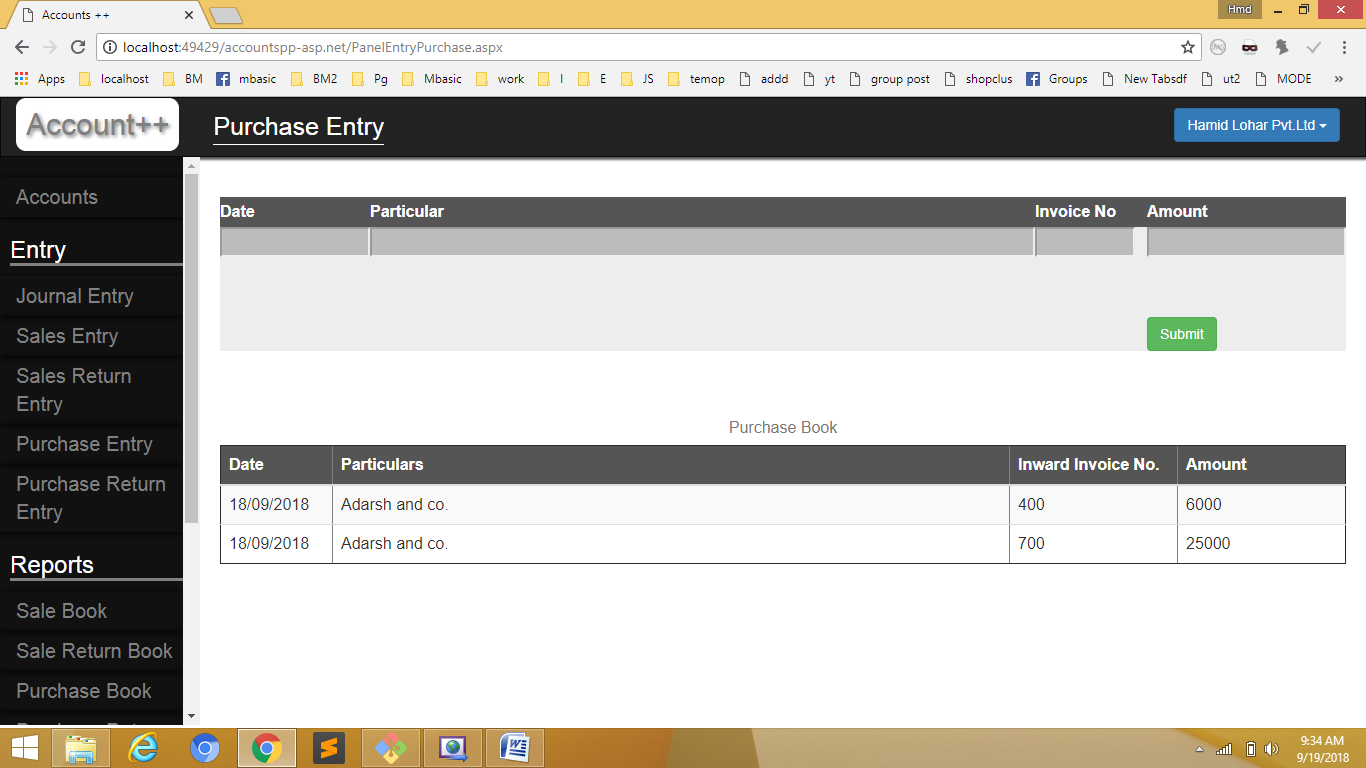
});

}

</script>

</asp:Content>

Purchase Return Entry: (PanelEntryPurchaseReturn.aspx)



**Description**

* It Provide form for doing Purchase Entry
* It also show 10 recent transaction of Purchase entry

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Panel.master" AutoEventWireup="false" CodeFile="PanelEntryPurchaseReturn.aspx.vb" Inherits="Default2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Purchase Return Entry</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main">

<table border="0" class="table-custom" style="width:100%">

<tr>

<th width="10%">Date</th>

<th width="60%">Particular</th>

<th width="10%">Invoice No</th>

<th width="10%">Amount</th>

</tr>

<input type="hidden" class="ac-list" id="acAmountCredit">

<input type="hidden" class="ac-list" id="acCredit">

<tr class="ac-dr">

<td><input type="text" class="ac-date" id="acDate"></td>

<td><input type="text" class="ac-list" id="acDebit"></td>

<td><input type="text" class="ac-invoice" id="acInvoice"></td>

<td><input type="number" class="ac-amount" id="acAmountDebit"></td>

</tr>

<tr>

<td colspan="5"></td>

</tr>

<tr>

<td colspan="5"></td>

</tr>

<tr>

<td></td>

<td></td>

<td></td>

<td><a href="#" class="btn btn-success" id="btnEntry">Submit</a></td>

<td></td>

</tr>

</table>

<br />

<table class="table table-striped" border="1">

<caption style="text-align: center">Purchase Return Book</caption>

<thead>

<tr>

<th width="10%">Date</th>

<th>Particulars</th>

<th width="15%">Credit Note No.</th>

<th width="15%">Amount</th>

</tr>

</thead>

<tbody id="tableRecords">

</tbody>

</table>

</div>

</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="footer" Runat="Server">

<script type="text/javascript" src="js/entry-helper.js"></script>

<script>

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

acByName: "Purchase Return A/c",

acType: "real"

},

success: function (data) {

if (data != "notfound") {

$("#acCredit").data("id", data);

$("#acCredit").val(data);

loadRecords(data);

window.acid = data;

}

console.log(data);

},

error: function (err) {

console.log(err.responseText);

}

});

function loadRecords(id) {

$("#tableRecords").empty();

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

listTransaction: id

},

success: function (data) {

if (data) {

jData = JSON.parse(data);

for (var i in jData) {

if (jData[i].ac\_credit != id) {

continue;

}

var dt = new Date(parseInt(jData[i].date.split("(")[1].split(")")[0]));

$("#tableRecords").append("<tr>" +

"<td>" + dt.toLocaleDateString() + "</td>" +

"<td>" + jData[i].name\_debit + "</td>" +

"<td>" + jData[i].invoice + "</td>" +

"<td>" + jData[i].amount + "</td>" +

"</tr>");

}

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

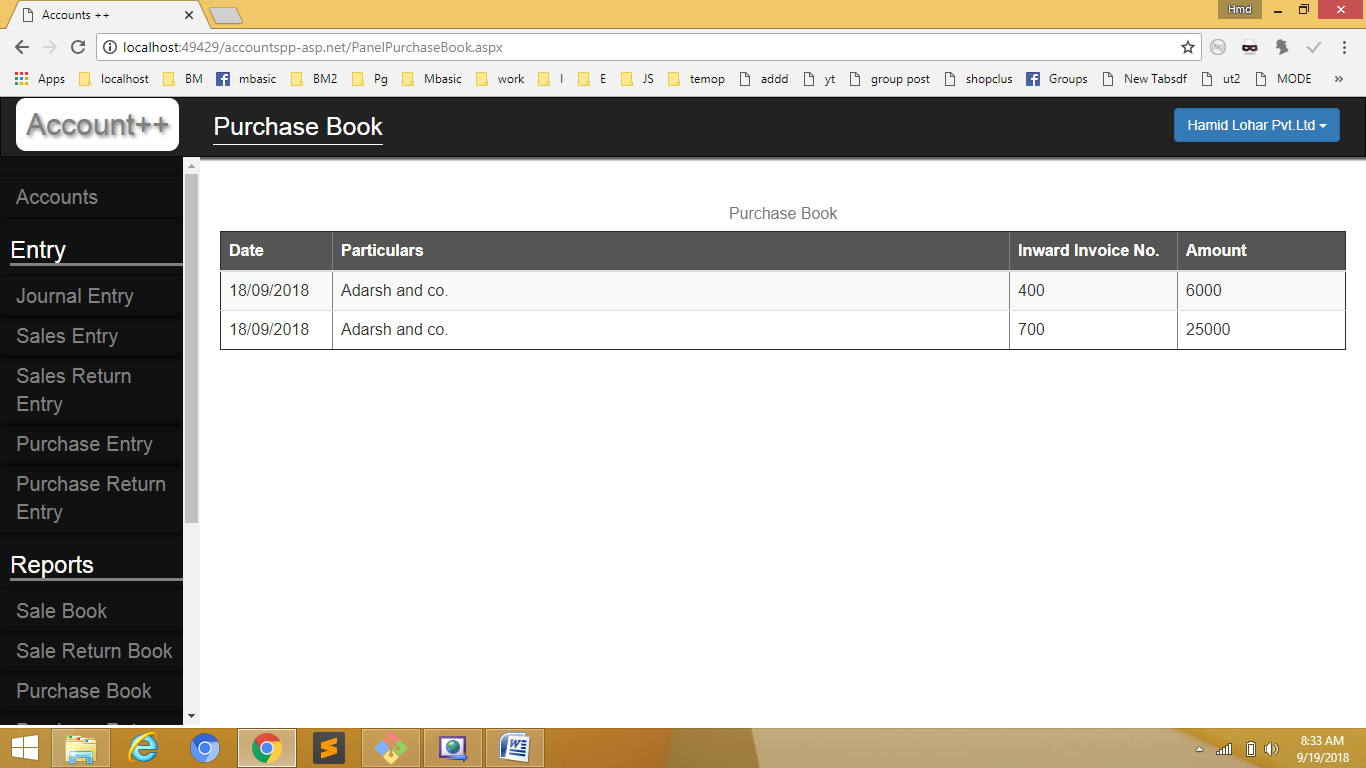
});

}

</script>

</asp:Content>

Purchase Book (PanelPurchaseBook.aspx)



**Description**

* It Shows purchase report

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Panel.master" AutoEventWireup="false" CodeFile="PanelSaleBook.aspx.vb" Inherits="Default2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Sales Book</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main">

<table class="table table-striped" border="1" >

<caption style="text-align: center">Sale Book</caption>

<thead>

<tr>

<th width="10%">Date</th>

<th>Particulars</th>

<th width="15%">Outward Invoice No.</th>

<th width="15%">Amount</th>

</tr>

</thead>

<tbody id="tableRecords">

</tbody>

</table>

</div>

</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="footer" Runat="Server">

<script type="text/javascript" src="js/entry-helper.js"></script>

<script>

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

acByName: "Sales A/c",

acType: "real"

},

success: function (data) {

if (data != "notfound") {

loadRecords(data);

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

});

function loadRecords(id) {

$("#tableRecords").empty();

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

listTransaction: id

},

success: function (data) {

if (data) {

jData = JSON.parse(data);

for(var i in jData){

if (jData[i].ac\_credit != id) {

continue;

}

var dt = new Date(parseInt(jData[i].date.split("(")[1].split(")")[0]));

$("#tableRecords").append("<tr>" +

"<td>" + dt.toLocaleDateString() + "</td>" +

"<td>" + jData[i].name\_debit + "</td>" +

"<td>" + jData[i].invoice + "</td>" +

"<td>" + jData[i].amount + "</td>" +

"</tr>");

}

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

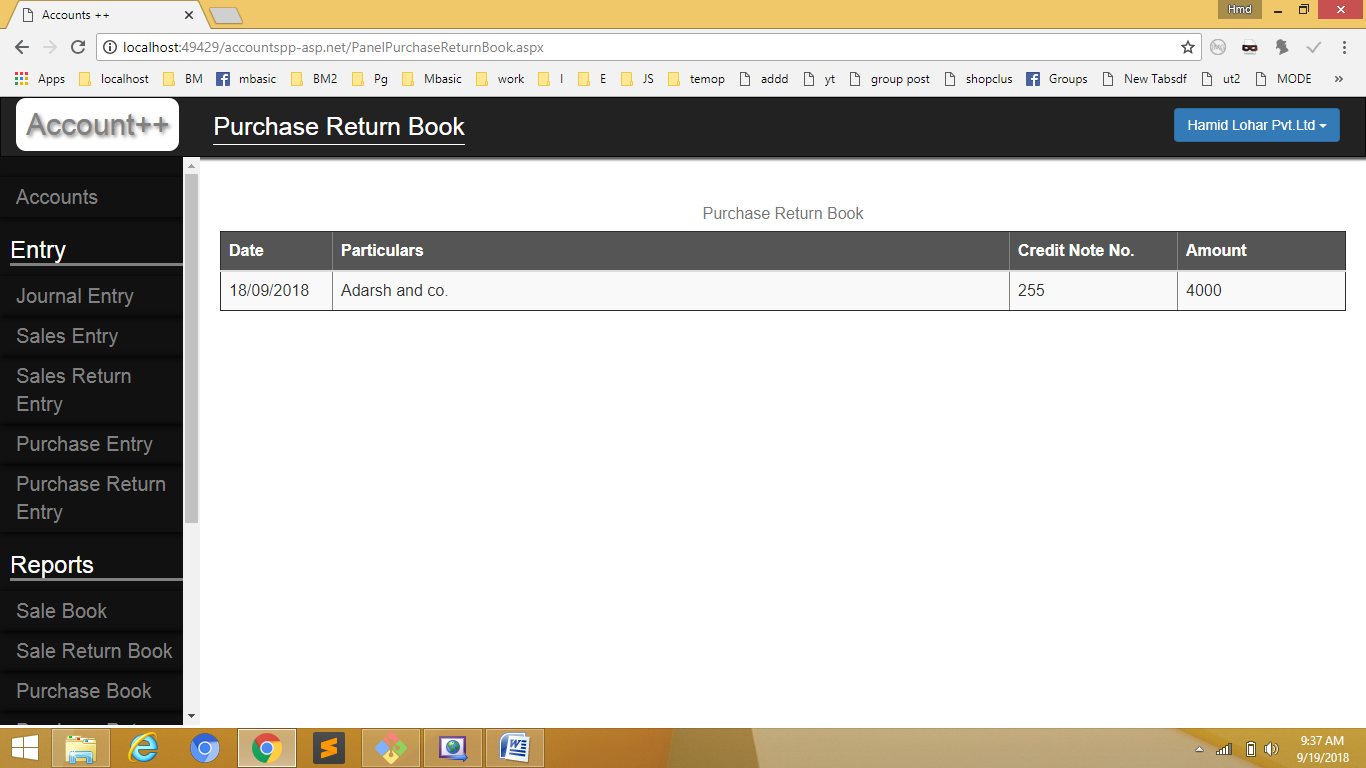
});

}

</script>

</asp:Content>

Purchase Return Book: (PanelPurchaseReturn.aspx)



**Description**

* It Shows purchase return report

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Panel.master" AutoEventWireup="false" CodeFile="PanelPurchaseReturnBook.aspx.vb" Inherits="Default2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Purchase Return Book</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main">

<table class="table table-striped" border="1">

<caption style="text-align: center">Purchase Return Book</caption>

<thead>

<tr>

<th width="10%">Date</th>

<th>Particulars</th>

<th width="15%">Credit Note No.</th>

<th width="15%">Amount</th>

</tr>

</thead>

<tbody id="tableRecords">

</tbody>

</table>

</div>

</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="footer" Runat="Server">

<script type="text/javascript" src="js/entry-helper.js"></script>

<script>

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

acByName: "Purchase Return A/c",

acType: "real"

},

success: function (data) {

if (data != "notfound") {

loadRecords(data);

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

});

function loadRecords(id) {

$("#tableRecords").empty();

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

listTransaction: id

},

success: function (data) {

if (data) {

jData = JSON.parse(data);

for (var i in jData) {

if (jData[i].ac\_credit != id) {

continue;

}

var dt = new Date(parseInt(jData[i].date.split("(")[1].split(")")[0]));

$("#tableRecords").append("<tr>" +

"<td>" + dt.toLocaleDateString() + "</td>" +

"<td>" + jData[i].name\_debit + "</td>" +

"<td>" + jData[i].invoice + "</td>" +

"<td>" + jData[i].amount + "</td>" +

"</tr>");

}

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

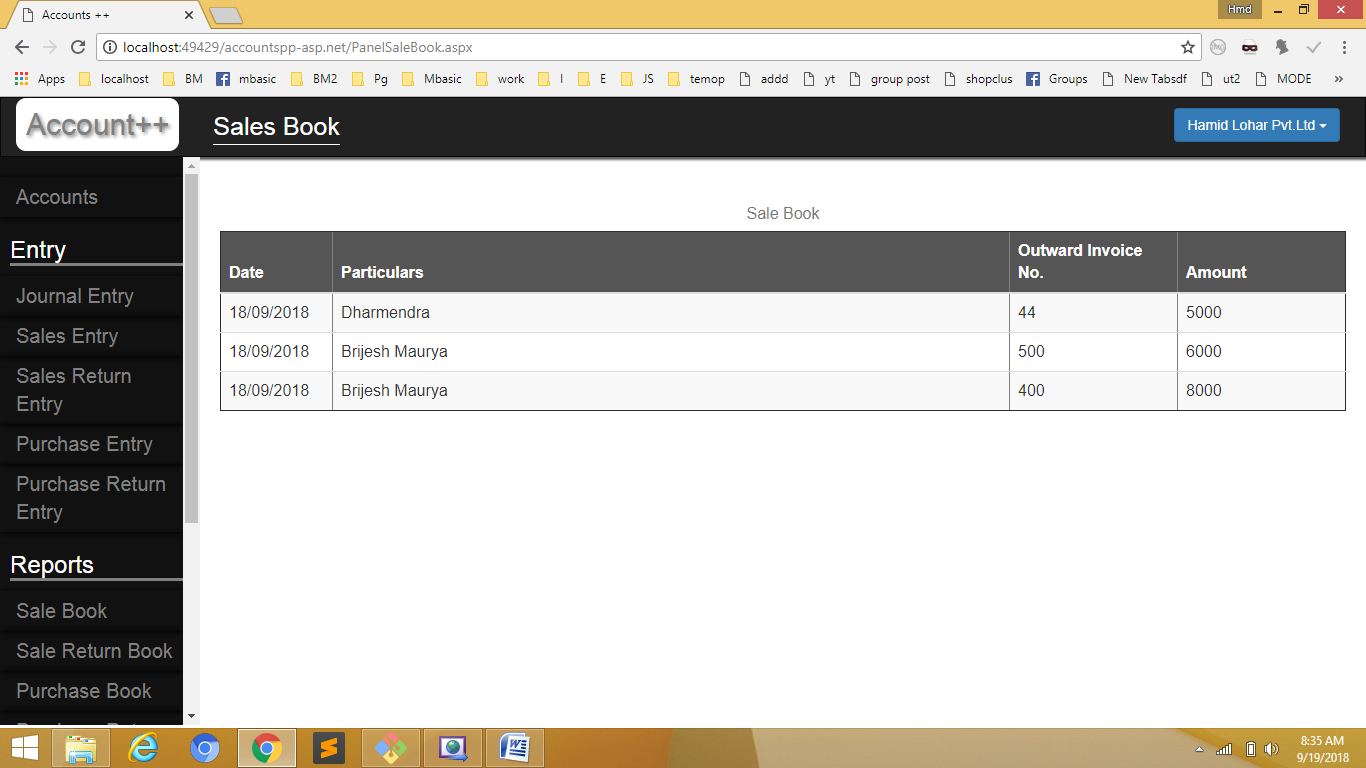
});

}

</script>

</asp:Content>

Sales Book: (PanelSalesBook.aspx)



**Description**

* It Shows sales report

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Panel.master" AutoEventWireup="false" CodeFile="PanelSaleBook.aspx.vb" Inherits="Default2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Sales Book</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main">

<table class="table table-striped" border="1" >

<caption style="text-align: center">Sale Book</caption>

<thead>

<tr>

<th width="10%">Date</th>

<th>Particulars</th>

<th width="15%">Outward Invoice No.</th>

<th width="15%">Amount</th>

</tr>

</thead>

<tbody id="tableRecords">

</tbody>

</table>

</div>

</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="footer" Runat="Server">

<script type="text/javascript" src="js/entry-helper.js"></script>

<script>

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

acByName: "Sales A/c",

acType: "real"

},

success: function (data) {

if (data != "notfound") {

loadRecords(data);

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

});

function loadRecords(id) {

$("#tableRecords").empty();

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

listTransaction: id

},

success: function (data) {

if (data) {

jData = JSON.parse(data);

for(var i in jData){

if (jData[i].ac\_credit != id) {

continue;

}

var dt = new Date(parseInt(jData[i].date.split("(")[1].split(")")[0]));

$("#tableRecords").append("<tr>" +

"<td>" + dt.toLocaleDateString() + "</td>" +

"<td>" + jData[i].name\_debit + "</td>" +

"<td>" + jData[i].invoice + "</td>" +

"<td>" + jData[i].amount + "</td>" +

"</tr>");

}

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

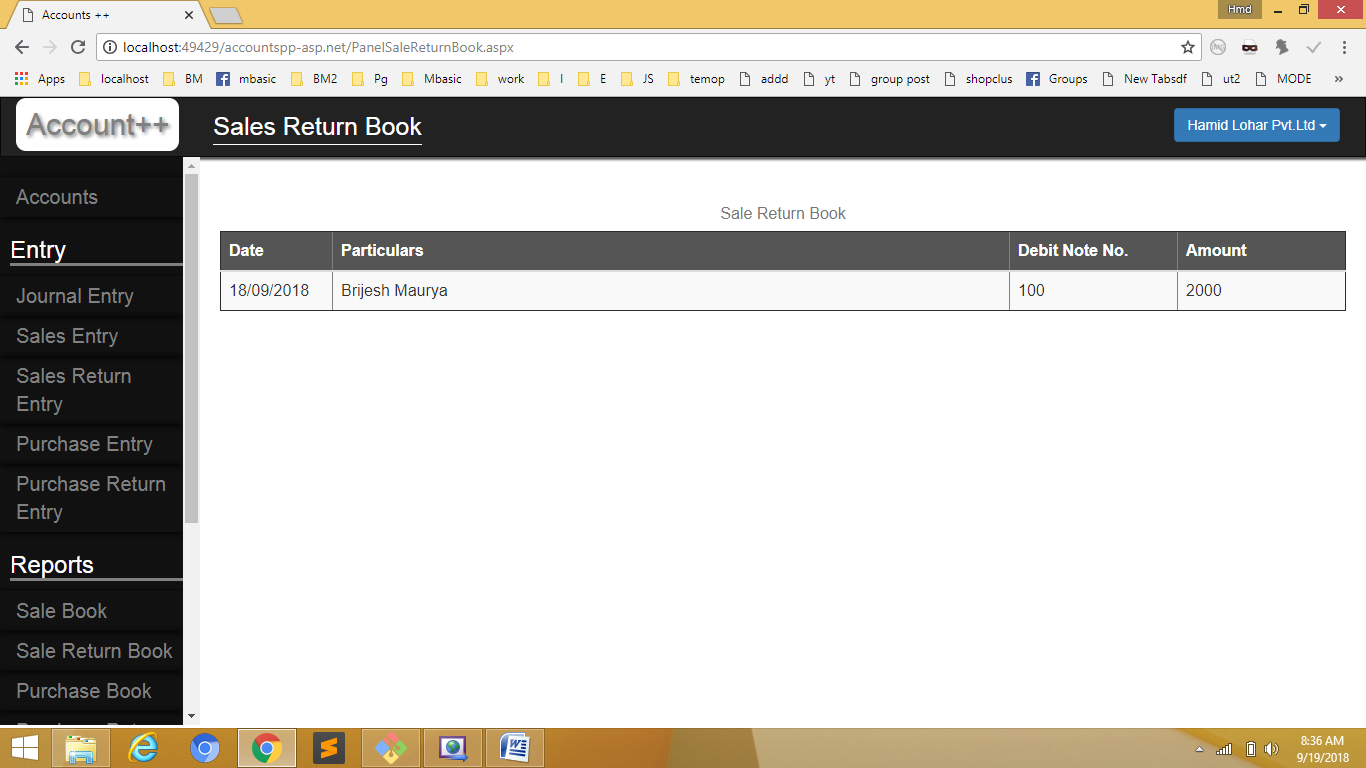
});

}

</script>

</asp:Content>

Sales Return Book: (PanelSalesReturn.aspx)



**Description**

* It Shows sales return report

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Panel.master" AutoEventWireup="false" CodeFile="PanelSaleReturnBook.aspx.vb" Inherits="Default2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Sales Return Book</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main">

<table class="table table-striped" border="1">

<caption style="text-align: center">Sale Return Book</caption>

<thead>

<tr>

<th width="10%">Date</th>

<th>Particulars</th>

<th width="15%">Debit Note No.</th>

<th width="15%">Amount</th>

</tr>

</thead>

<tbody id="tableRecords">

</tbody>

</table>

</div>

</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="footer" Runat="Server">

<script type="text/javascript" src="js/entry-helper.js"></script>

<script>

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

acByName: "Sales Return A/c",

acType: "real"

},

success: function (data) {

if (data != "notfound") {

loadRecords(data);

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

});

function loadRecords(id) {

$("#tableRecords").empty();

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

listTransaction: id

},

success: function (data) {

if (data) {

jData = JSON.parse(data);

for (var i in jData) {

if (jData[i].ac\_debit != id) {

continue;

}

var dt = new Date(parseInt(jData[i].date.split("(")[1].split(")")[0]));

$("#tableRecords").append("<tr>" +

"<td>" + dt.toLocaleDateString() + "</td>" +

"<td>" + jData[i].name\_credit + "</td>" +

"<td>" + jData[i].invoice + "</td>" +

"<td>" + jData[i].amount + "</td>" +

"</tr>");

}

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

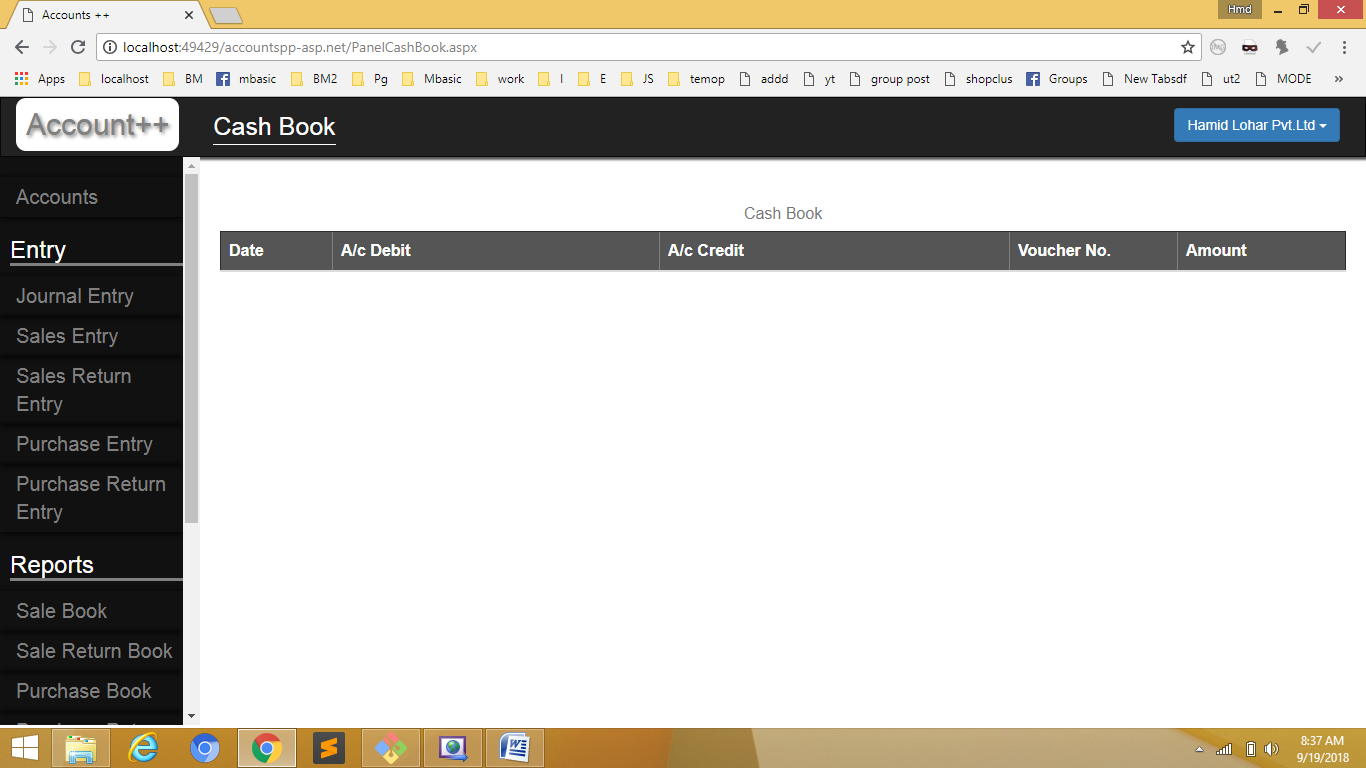
});

}

</script>

</asp:Content>

Cash Book: (PanelCashBook.aspx)



**Description**

* It Shows cash book

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Panel.master" AutoEventWireup="false" CodeFile="PanelCashBook.aspx.vb" Inherits="Default2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Cash Book</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main">

<table class="table table-striped" border="1" >

<caption style="text-align: center">Cash Book </caption>

<thead>

<tr>

<th width="10%">Date</th>

<th>A/c Debit</th>

<th>A/c Credit</th>

<th width="15%">Voucher No.</th>

<th width="15%">Amount</th>

</tr>

</thead>

<tbody id="tableRecords">

</tbody>

</table>

</div>

</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="footer" Runat="Server">

<script type="text/javascript" src="js/entry-helper.js"></script>

<script>

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

acByName: "Cash A/c",

acType: "real"

},

success: function (data) {

if (data != "notfound") {

$("#acCredit").data("id", data);

$("#acCredit").val(data);

window.acid = data;

loadRecords(data);

}

console.log(data);

},

error: function (err) {

console.log(err.responseText);

}

});

function loadRecords(id) {

$("#tableRecords").empty();

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

listTransaction: id

},

success: function (data) {

if (data) {

jData = JSON.parse(data);

for (var i in jData) {

var dt = new Date(parseInt(jData[i].date.split("(")[1].split(")")[0]));

$("#tableRecords").append("<tr>" +

"<td>" + dt.toLocaleDateString() + "</td>" +

"<td>" + jData[i].name\_debit + "</td>" +

"<td>" + jData[i].name\_credit + "</td>" +

"<td>" + jData[i].invoice + "</td>" +

"<td>" + jData[i].amount + "</td>" +

"</tr>");

}

}

else {

notie.error("Could not load Transactions");

}

},

error: function (err) {

console.log(err.responseText);

}

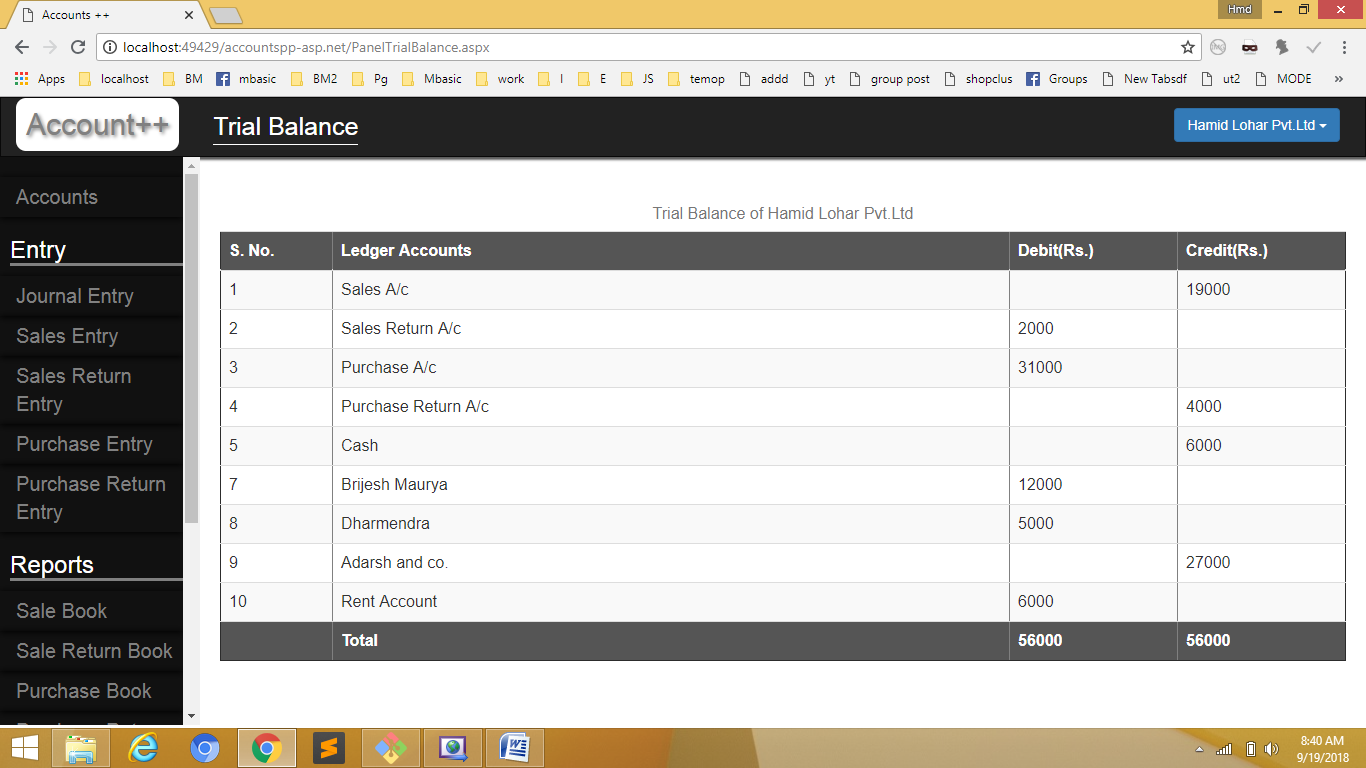
});

}

</script>

</asp:Content>

Trial Balance: (PanelTrialBalance.aspx)



**Description**

* It Shows Trial balance as table. Which describe arithmetical accuracy of accounts.

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Panel.master" AutoEventWireup="false" CodeFile="PanelTrialBalance.aspx.vb" Inherits="Default2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Trial Balance</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div class="main">

<table class="table table-striped" border="1">

<caption style="text-align: center">Trial Balance of <% Response.Write(Session("userData")("company\_name"))%> </caption>

<tr>

<th width="10%">S. No.</th>

<th>Ledger Accounts</th>

<th width="15%">Debit(Rs.)</th>

<th width="15%">Credit(Rs.)</th>

</tr>

<tbody id="tableRecords">

</tbody>

</table>

</div>

</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="footer" Runat="Server">

<script type="text/javascript" src="js/entry-helper.js"></script>

<script>

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

all\_accounts: "true"

},

success: function (data) {

jData = JSON.parse(data);

$("#tableRecords").empty();

var totalCr = 0;

var totalDr = 0;

for (i in jData) {

var bcr = "";

var bdr = "";

if (jData[i].ac\_balance < 0) {

bcr = Math.abs(jData[i].ac\_balance);

totalCr += bcr;

}

else if (jData[i].ac\_balance > 0) {

bdr = jData[i].ac\_balance;

totalDr += bdr;

}

else {

continue;

}

var a = '<tr>\

<td widtd="10%">' + ( parseInt(i) + 1 ) + '</td>\

<td>' + jData[i].ac\_name + '</td>\

<td widtd="15%">' + bdr + '</td>\

<td widtd="15%">' + bcr + '</td>\

</tr>';

$("#tableRecords").append(a);

}

var total = '<tr>\

<th widtd="10%"></t>\

<th>Total</th>\

<th widtd="15%">' + totalDr + '</th>\

<th widtd="15%">' + totalCr + '</th>\

</tr>';

$("#tableRecords").append(total);

},

error: function (err) {

console.log(err.responseText);

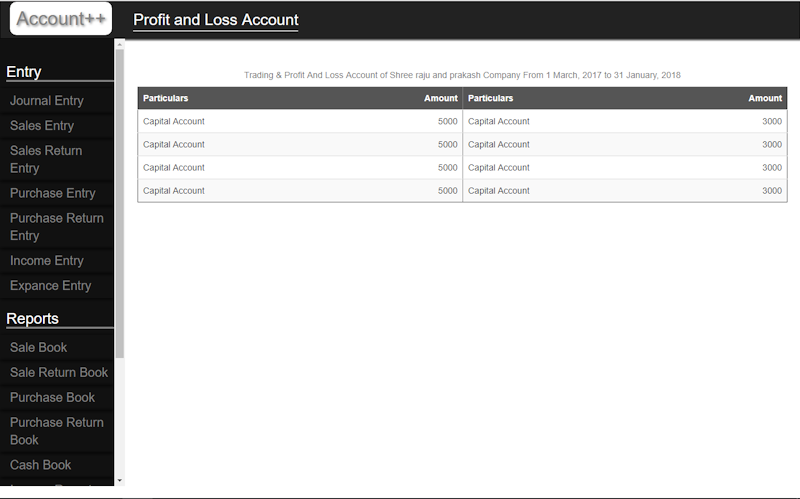
}

});

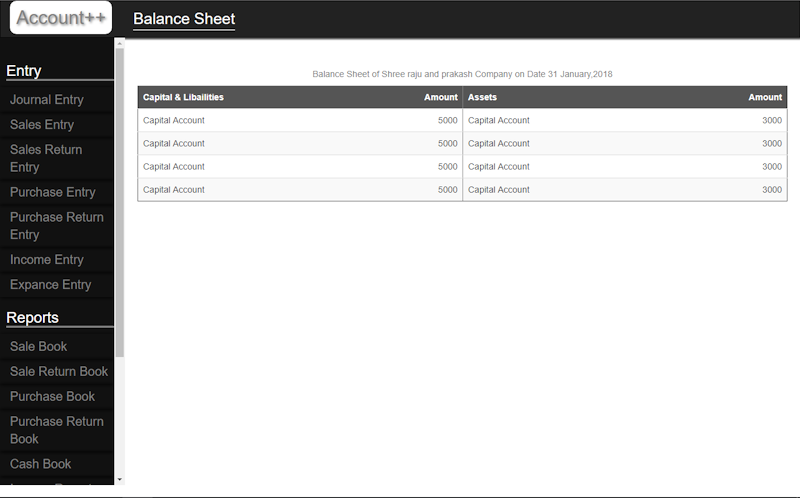
</script>

</asp:Content>

Profit & Loss Account

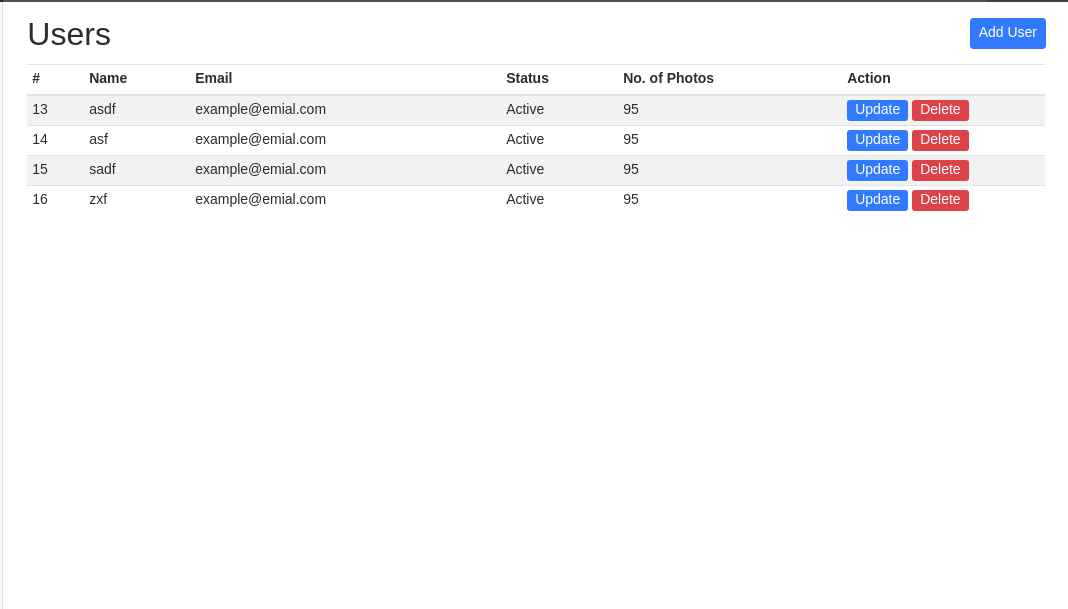


Balance Sheet



**Admin Side Interfaces:**

User Management Panel



**5. Testing**

**5.1 Navigation Testing**

|  |  |  |
| --- | --- | --- |
| **Link** | **Expected Page** | **Result of Page** |
| HomePage | Main Home Page | Main Home Page |
| About | About Page | About Page |
| Features | Features Page | Features Page |
| Login | Open Login Popup | Open Login Popup |
| Register | Open Register Popup | Open Register Popup |
| Dashboard | Open User Dashboard | Open User Dashboard |
| Accounts | Account Manage Page | Account Manage Page |
| Journal Entry | Journal Entry Page | Journal Entry Page |
| Sales Entry | Sales entry Page | Sales entry Page |
| Sales Return Entry | Sales Return Entry Page | Sales Return Entry Page |
| Purchase Entry | Purchase Entry Page | Purchase Entry Page |
| Purchase Return Entry | Purchase Return Entry Page | Purchase Return Entry Page |
| Sales Book | Sales Report Page | Sales Report Page |
| Sales Return Book | Sales Return Report Page | Sales Return Report Page |
| Purchase Book | Purchase Report Page | Purchase Report Page |
| Purchase Return Book | Purchase Return Report Page | Purchase Return Report Page |
| Cash Book | Cash Report Page | Cash Report Page |
| Trial Balance | Trial Balance Page | Trial Balance Page |
| Profit & Loss A/c | Profit & Loss account page | Profit & Loss account page |
| Balance Sheet | Balance Sheet Page | Balance Sheet Page |

**5.2 Environment Testing**

This application is built using MS ASP.NET technology.

It will run on MS IIS server.

Tested with following Environments

Google Chrome 59 on windows 8

It can work on following browsers

Firefox version 40+

Internet Explorer 9+

Opera version 15+

**5.3 Functional Testing**

Following Functions are tested successfully.

* **Login Function:** Login function works perfectly It gives proper error on unsuccessful login.
* **Register Function:** Register function works perfectly It gives proper error on unsuccessful registration
* **Journal Entry Function:** It Works perfectly and insert correct entry.
* **Sales Entry:** It Works perfectly and insert correct entry.
* **Sales Return Entry:** It Works perfectly and insert correct entry
* **Purchase Entry:** It Works perfectly and insert correct entry
* **Purchase Return Entry:** It Works perfectly and insert correct entry
* **Sales Book:** It shows all sales transactions perfectly.
* **Sales Return Book:** It shows all sales return transactions perfectly.
* **Purchase Book:** It shows all purchse transactions perfectly.
* **Purchase return Book:** It shows all purchase return transactions perfectly.
* **Cash Book:** It shows all Cash transactions perfectly.
* **Trial Balance:**It shows correct trial balance.
* **Profit & Loss account:** It shows correct Profit & Loss Account.
* **Balance sheet:** It shows correct Balance Sheet.

**6. Conclusion**

Accounts++ is simple online accounting application. It is useful for companies to record their account. It allows different types of accounting entries eg. Sales,purchase,cash,Journal entries... etc. User can see final status of their origination using final accounting statements like Balance sheet and Profit & Loss account.

This Project is completed successfully with all nessassery functions described above.

**7. Bibilography**

Libraries used:

Jquery 3.3.3 => It provides Easier functions for dom manuplation.

### Ref : [jQuery](http://jquery.com/)

Bootstrap 3 => It provides responsive style for html pages.

### Ref: [Bootstrap](https://getbootstrap.com/)

Jquery Validator => used for form validation

### Ref : [jQuery Validation Plugin](https://jqueryvalidation.org/)

Bootstrap DateTimePicker => Provides Date time picker for entries.

### Ref: [Bootstrap DateTimePicker](https://eonasdan.github.io/bootstrap-datetimepicker/)