



SDJ INTERNATIONAL
COLLEGE

Bachelor of Computer Applications (BCA) Programme

Project Report

BCA Sem V
AY 2018-19

<Topic Title: Accounts++>

by

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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 except 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.

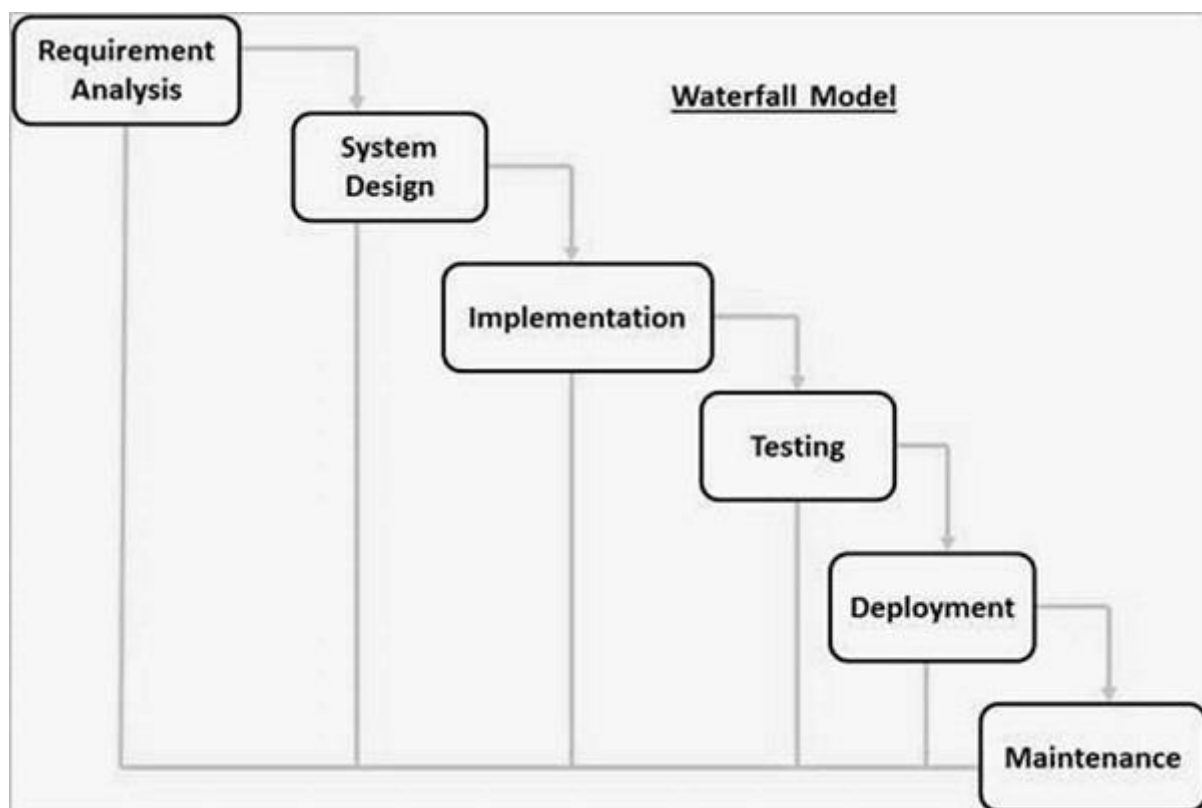
For Requirement No 7. “System should be able to generate invoice”. It can only generate invoice in fixed format defined by system. We can provide flexibility in invoice format in future.



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.

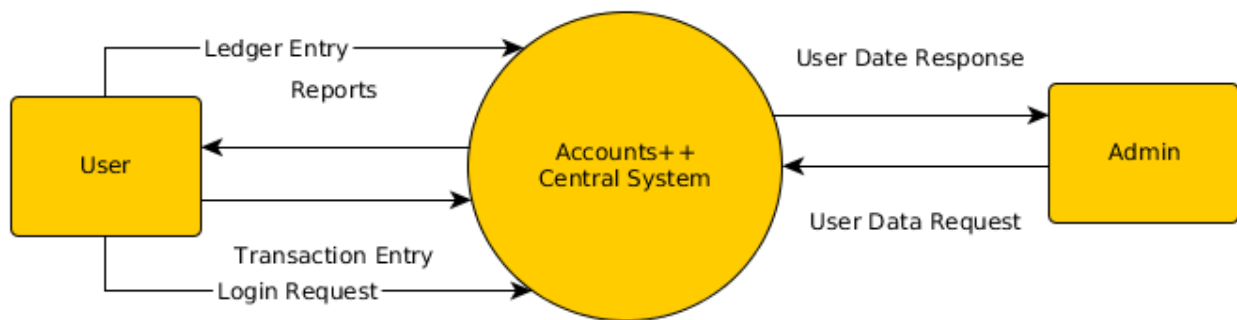
Project Title	Account++ (Online Accounting System)
Project Objective	Record and Maintain Company's Accounts online.
Name Of College	SDJ International College
Front-End Tool	ASP.NET
Back-End Tool	Ms Access Database along with ADO.NET
Operating System	Any Operating System with latest Browser Support. eg.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



3. Designing

3.1 Data Flow Diagram.

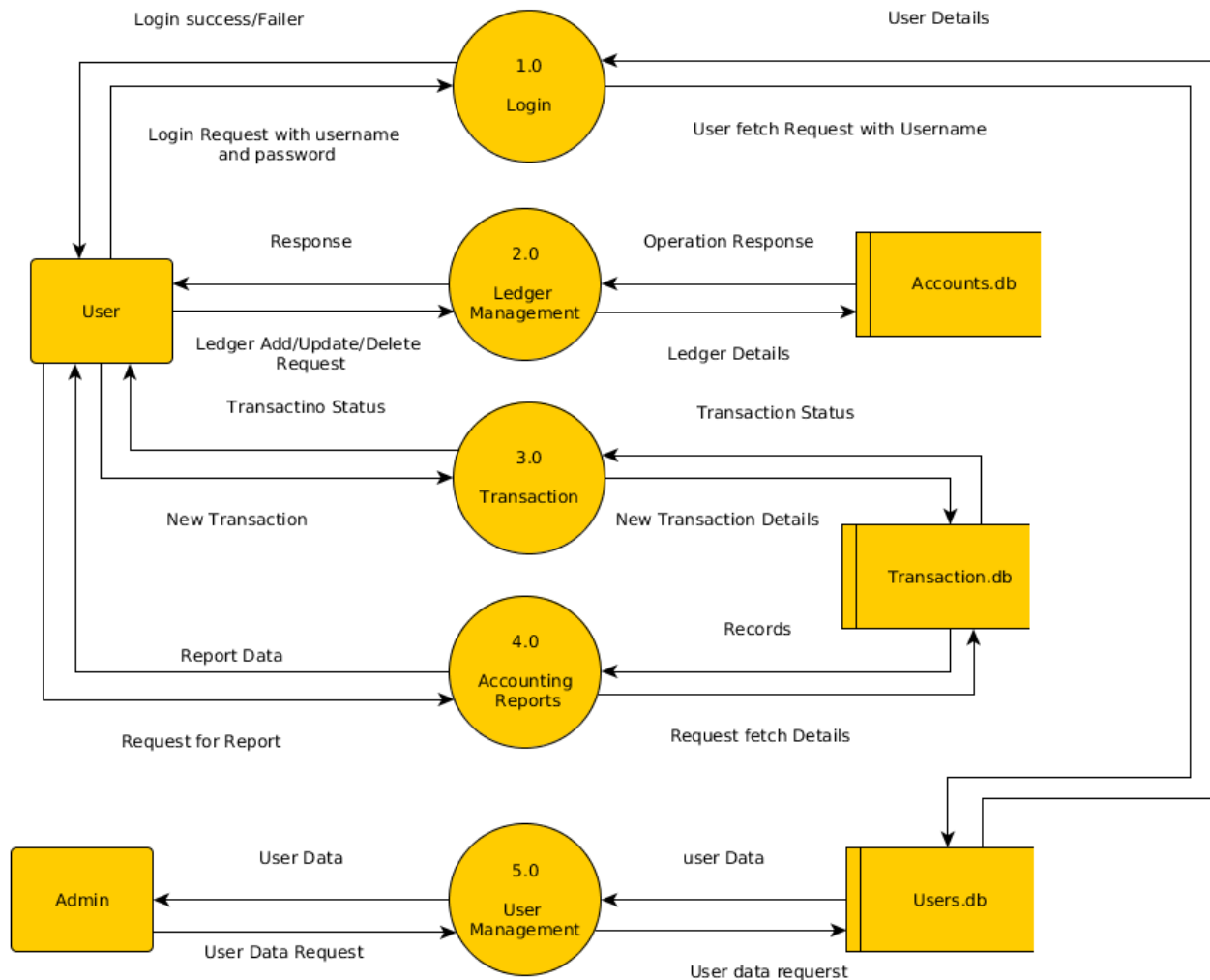
3.1.1 Context Level DFD



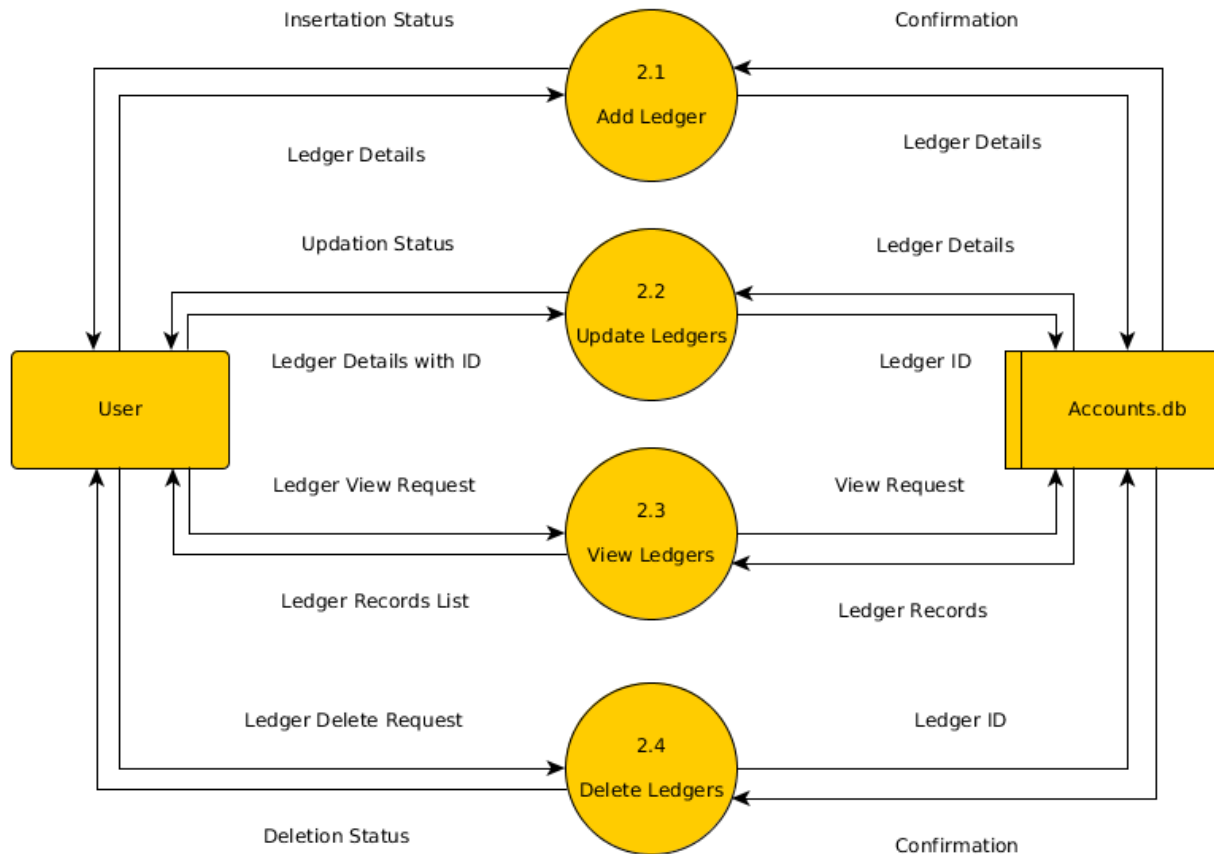
Context Level Data Flow Diagram for Accounts++



3.1.2 Level 1 DFD

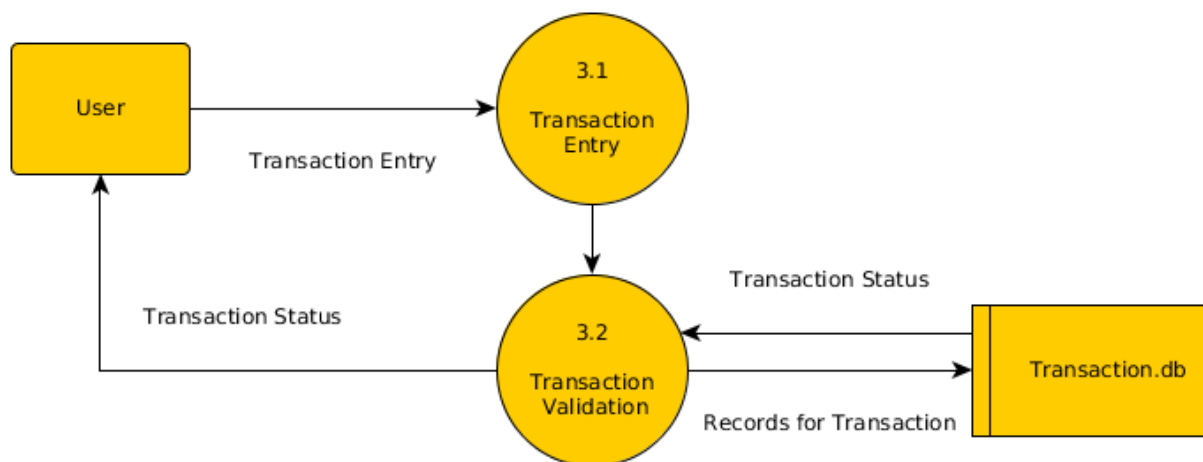


Level 1 Data Flow Diagram for Accounts++



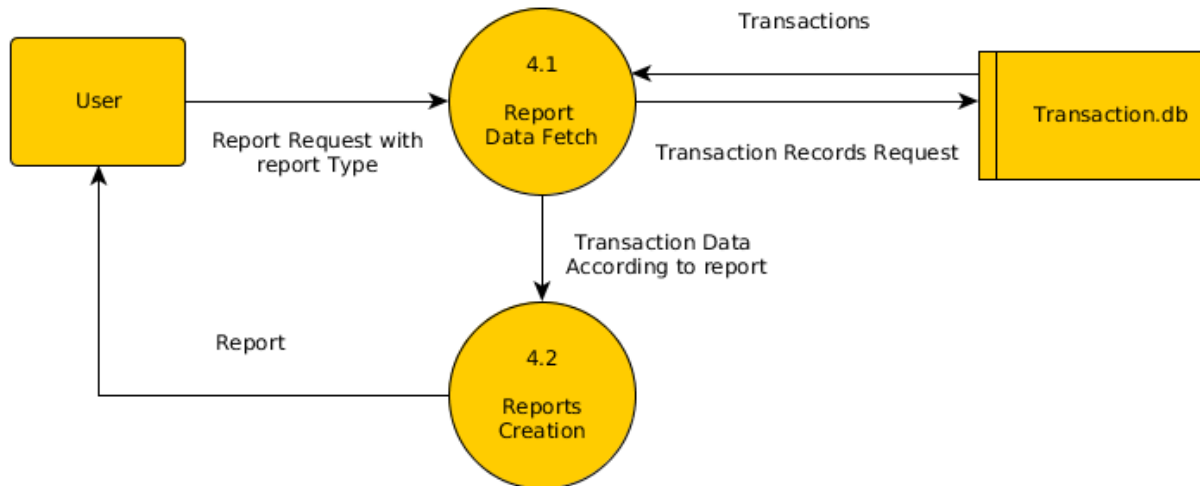
3.1.3 Level 2 DFD

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

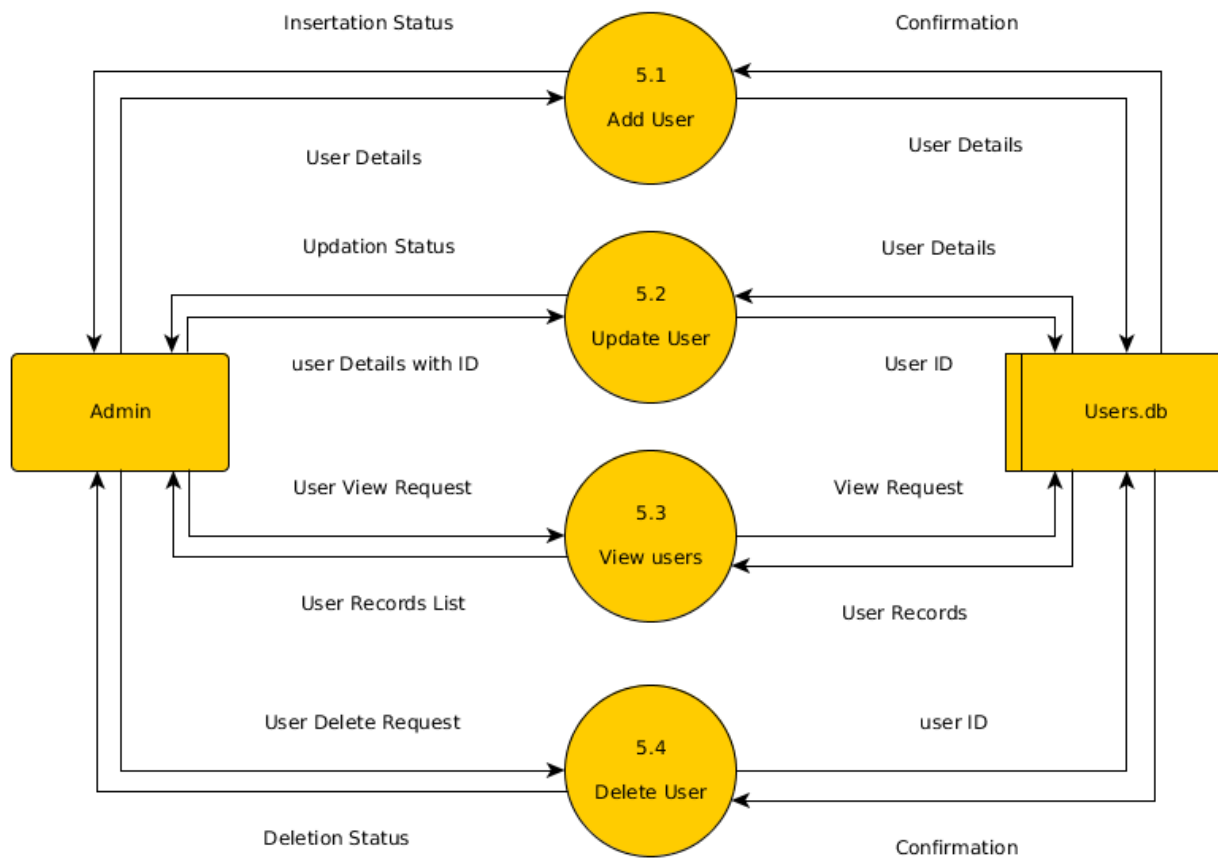




Level 2 Data Flow Diagram for Accounts++ (Transactions)



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;">

```



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




```
No." >
<input type="text" name="phone_no" placeholder="10 Digit
</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: #ffffff;
    --color-font2: #522c00;
    --color3: #3f3f40;
    --color-background-all: #fbeece;
    --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:#ffffef;
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,#fbeecc -20% ,#000000 50%,#fbeecc 30% );
font-weight: bold;
padding:10px;
padding-top: 10px;
padding-bottom: 10px;
margin-left:5px;
transition: all 0.5s;
color:#ffffef;
text-shadow: none;
-box-shadow: 0px 1px 1px #ffffef;
}
.header-menu-item a{
text-decoration: none;
}
.header-menu-item:hover{
color: #000000;
background:linear-gradient(to right,#ffffef 1% ,#ffffef 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: #ffffef;
    margin-left:30px;
    margin-bottom: 10px;
    cursor: pointer;
}
.control:hover{
    text-shadow: 1px 1px 3px #fbeecc;
}
.volume-control{
    display: inline-block;
}
#volume-scale{
    margin-left:5px;
    width:80px;
    display: inline-block;
    background: linear-gradient(rgba(0,0,0,0) 40%, #ffffef 50%, rgba(0,0,0,0) 60%);
    text-align: left;
}
#volume-circle{
    font-size:20px;
    cursor: pointer;
    color: #ffffef;
}
.player-timeline{
    display: inline-block;
    width:400px;
    height:20px;
    background: linear-gradient(rgba(0,0,0,0) 40%, #ffffef 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: #ffffef;
}
.player-timeline-div{
    display: inline-block;
    height: 20px;
    margin-left:20px;
}
.player-time{
    position:absolute;
    font-size: 13px;
    top:10px;
    color:#ffffef;
}
```




```
/*
#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)

Account++ Home Features About Login Sign Up

Available Anywhere

Features of Accounts++

Easy to use

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.

Suitable for small business

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.

**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">

        <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: $JssorCaptionSlide$,
        $Transitions: jssor_1_SlideTransitions,
        $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);">  
      
  </div>  
  <div data-u="slides"  
style="cursor:default;position:relative;top:0px;left:0px;width:980px;height:380px;overflow:h  
idden;">  
  
    <div>  
        
      <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>  
        
      <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">  
        
      <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.

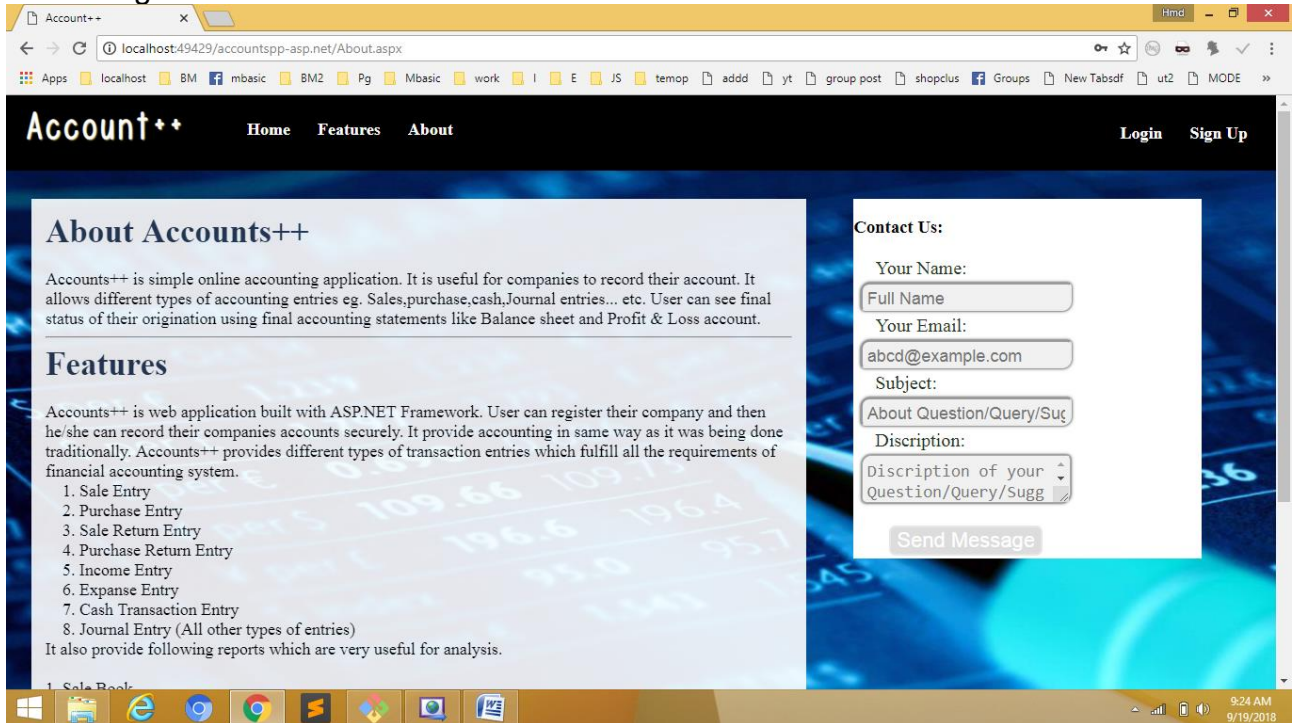
```
    <ul>
      <li>Sales Book </li>
      <li>Sales Return Book</li>
      <li>Purchase Book</li>
      <li>Purchase Return Book</li>
      <li>Income Report</li>
      <li>Expance Report </li>
      <li>Cash Book</li>
      <li>Trial Balance</li>
      <li>Profie & Loss Account</li>
      <li>Balance 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.



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

[illegible]



```
</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.

Account++ [Home](#) [Features](#) [About](#) [Login](#) [Sign Up](#)

Features of Accounts++

Easy to use

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.

Suitable for small business

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.

Available Anywhere

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.

All type of Transactions are covered.

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.

- Sales Entry
- Sales Return Entry
- Purchase Entry
- Purchase Return Entry

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">
                    <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.

``

`Sales Book `

`Sales Return Book`

`Purchase Book`

`Purchase Return Book`

`Income Report`

`Expance Report `

`Cash Book`

`Trial Balance`

`Profie & Loss Account`

`Balance Sheet`

``

`</p>`

`</div>`

`</div>`

`</div>`

`</div>`

`</asp:Content>`



The screenshot shows the Accounts++ website with a dark blue header containing 'Home', 'Features', and 'About' links. A white popup form for login is centered on the screen. The form has a title bar with a close button (X). It contains fields for 'Username' and 'Password', a 'Login' button, and links for 'Can't Login? Reset password' and 'Don't Have Account? Sign Up Now'. In the background, a 'Contact Us' form is partially visible with fields for 'Your Name', 'Your Email', 'Subject', and 'Discription'.

Login.

The screenshot shows the Accounts++ website with a dark blue header containing 'Home', 'Features', and 'About' links. A white popup form for sign up is centered on the screen. The form has a title bar with a close button (X). It contains fields for 'Full Name', 'Username', 'Email', 'Password', 'Retype Password', 'Date Of Birth' (with a date picker), and 'Gender' (with radio buttons for 'Male' and 'Female'). It also has a 'Sign Up' button and a link for 'Already Have Account? Login Now Now'. In the background, a 'Contact Us' form is partially visible with fields for 'Your Name', 'Your Email', 'Subject', and 'Discription'.

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("Registration 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")
        End Sub
End Class
```



```
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
End Class
```



```
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.

Accounts++ Journal Entry Hamid Lohar Pvt. Ltd.

Date	Voucher No.	Ac From	Ac To	Amount Dr.	Amount Cr.
09/18/2018 6:27 PM	74000	Cash		4000	
			Rent Account		4000

Submit

Recent Transactions

Date	A/c Debit	A/c Credit	Voucher No.	Amount
9/18/2018	Rent Account	Cash	42516632	6000
9/18/2018	Dharmendra	Sales A/c	44	5000
9/18/2018	Purchase A/c	Adarsh and co.	400	6000
9/18/2018	Adarsh and co.	Purchase Return A/c	255	4000
9/18/2018	Sales Return A/c	Brijesh Maurya	100	2000
9/18/2018	Purchase A/c	Adarsh and co.	700	25000
9/18/2018	Brijesh Maurya	Sales A/c	500	6000
9/18/2018	Brijesh Maurya	Sales A/c	400	8000

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>
```



Accounts ++

localhost:49746/accountspp-asp.net/PanelEntrySales.aspx

☆

Account++

Sales Entry

Hamid Lohar Pvt.Ltd

Accounts

Entry

Journal Entry

Sales Entry

Sales Return Entry

Purchase Entry

Purchase Return Entry

Reports

Sale Book

Sale Return Book

Purchase Book

Purchase Return Book

Cash Book

Final Accounts

Date	Particular	Invoice No	Amount

Submit

Sale Book

Date	Particulars	Outward Invoice No.	Amount
9/18/2018	Dharmendra	44	5000
9/18/2018	Brijesh Maurya	500	6000
9/18/2018	Brijesh Maurya	400	8000

- 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>
```



```
        </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)

Accounts++ Sales Return Entry Hamid Lohar Pvt Ltd

Date	Particular	Invoice No	Amount
<div>Submit</div>			

Sale Return Book

Date	Particulars	Debit Note No.	Amount
18/09/2018	Brijesh Maurya	100	2000

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>
            </thead>
        </table>
```




```
<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>
```

[illegible]

- It Provide form for doing Sales Return 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;
                        }
                    }
                }
            }
        });
    }
</script>
```



```
        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)

Accounts++ x

localhost:49429/accountspp-asp.net/PanelEntryPurchase.aspx

Account++ Purchase Entry Hamid Lohar Pvt Ltd

Accounts

Entry

Journal Entry

Sales Entry

Sales Return Entry

Purchase Entry

Purchase Return Entry

Reports

Sale Book

Sale Return Book

Purchase Book

Date	Particular	Invoice No	Amount

Submit

Purchase Book

Date	Particulars	Inward Invoice No.	Amount
18/09/2018	Adarsh and co.	400	6000
18/09/2018	Adarsh and co.	700	25000

9:34 AM 9/19/2018

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)

The screenshot displays the Accounts++ web application interface. The browser address bar shows the URL: localhost:49429/accountspp-asp.net/PanelPurchaseBook.aspx. The application header includes the 'Account++' logo, the title 'Purchase Book', and a dropdown menu for 'Hamid Lohar Pvt Ltd'. A left-hand navigation menu lists various accounting entries and reports. The main content area, titled 'Purchase Book', contains a table with the following data:

Date	Particulars	Inward Invoice No.	Amount
18/09/2018	Adarsh and co.	400	6000
18/09/2018	Adarsh and co.	700	25000

The Windows taskbar at the bottom shows the system clock as 8:33 AM on 9/19/2018.

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)

Account++ Purchase Return Book Hamid Lohar Pvt Ltd

Purchase Return Book

Date	Particulars	Credit Note No.	Amount
18/09/2018	Adarsh and co.	255	4000

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);
        }
    });
</script>
```



```
});
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)

Date	Particulars	Outward Invoice No.	Amount
18/09/2018	Dharmendra	44	5000
18/09/2018	Brijesh Maurya	500	6000
18/09/2018	Brijesh Maurya	400	8000

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)

Account++ Sales Return Book Hamid Lohar Pvt Ltd

Sale Return Book

Date	Particulars	Debit Note No.	Amount
18/09/2018	Brijesh Maurya	100	2000

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)

Account++ Cash Book Hamid Lohar Pvt Ltd

Cash Book

Date	A/c Debit	A/c Credit	Voucher No.	Amount
------	-----------	------------	-------------	--------

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);
        }
    });
</script>
```




```
    },
    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)

The screenshot shows the Accounts++ web application interface. The browser address bar displays 'localhost:49429/accountspp-asp.net/PanelTrialBalance.aspx'. The application header includes the 'Account++' logo, the title 'Trial Balance', and a dropdown menu for 'Hamid Lohar Pvt. Ltd.'. A left sidebar contains navigation links for 'Accounts', 'Entry', and 'Reports'. The main content area displays the 'Trial Balance of Hamid Lohar Pvt. Ltd.' as a table with 4 columns: S. No., Ledger Accounts, Debit(Rs.), and Credit(Rs.). The table lists 10 ledger accounts and a total row, showing that the total debits equal the total credits at 56,000.

S. No.	Ledger Accounts	Debit(Rs.)	Credit(Rs.)
1	Sales A/c		19000
2	Sales Return A/c	2000	
3	Purchase A/c	31000	
4	Purchase Return A/c		4000
5	Cash		6000
7	Brijesh Maurya	12000	
8	Dharmendra	5000	
9	Adarsh and co.		27000
10	Rent Account	6000	
	Total	56000	56000

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;
                }
            }
        }
    });
</script>
```



```
        totalDr += bdr;
    }
    else {
        continue;
    }
    var a = '<tr>\n\n        <td width="10%">' + ( parseInt(i) + 1 ) + '</td>\n\n        <td>' + jData[i].ac_name + '</td>\n\n        <td width="15%">' + bdr + '</td>\n\n        <td width="15%">' + bcr + '</td>\n\n        </tr>';
    $("#tableRecords").append(a);
}
var total = '<tr>\n\n        <th width="10%"></th>\n\n        <th>Total</th>\n\n        <th width="15%">' + totalDr + '</th>\n\n        <th width="15%">' + totalCr + '</th>\n\n        </tr>';
$("#tableRecords").append(total);
},
error: function (err) {
    console.log(err.responseText);
}
});

</script>
</asp:Content>
```



Profit & Loss Account

word to pdf online - Google Chrome Accounts ++

localhost:49746/accountspp-asp.net/PanelProfitAndLoss.aspx

Account++ Profit and Loss Account Hamid Lohar Pvt.Ltd

Accounts

Entry

Journal Entry

Sales Entry

Sales Return Entry

Purchase Entry

Purchase Return Entry

Reports

Sale Book

Sale Return Book

Purchase Book

Purchase Return Book

Cash Book

Final Accounts

Trading & Profit And Loss Account of Hamid Lohar Pvt.Ltd

Particulars	Amount	Particulars	Amount
Purchase A/c	31000	Purchase Return A/c	4000
Sales Return A/c	2000	Sales A/c	219000
Rent Account	6000		
Profit	184000		
Total	223000	Total	223000

Windows Taskbar: 8:25 AM 9/19/2018

Description:

It shows net profit of business



Code:

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

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">
</asp:Content>
<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Profit and Loss
Account</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;">Trading & Profit And Loss Account of <%
Response.Write(Session("userData"))("company_name"))%> </caption>
        <tr>
            <th width="50%">Particulars <span class="ac_amount">Amount</span></th>
            <th width="50%">Particulars <span class="ac_amount">Amount</span></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;
        window.drArray = [];
        window.crArray = [];

        for (i in jData) {
            var bcr = "";
            var bdr = "";
            if (jData[i].ac_name == "Sales A/c") {
                crArray.unshift(jData[i]);
                continue;
            }
            else if (jData[i].ac_name == "Purchase A/c") {
                drArray.unshift(jData[i]);
                continue;
            }
        }
    }
})
</script>
```



```
        else if (jData[i].ac_name == "Purchase Return A/c") {
            crArray.unshift(jData[i]);
            continue
        }
        else if (jData[i].ac_name == "Sales Return A/c") {
            drArray.unshift(jData[i]);
            continue
        }
        else {
            if (jData[i].ac_type == "nominal") {
                if (jData[i].ac_balance < 0) {
                    crArray.push(jData[i]);
                    bcr = Math.abs(jData[i].ac_balance);
                    totalCr += bcr;
                }
                else if (jData[i].ac_balance > 0) {
                    drArray.push(jData[i]);
                    bdr = jData[i].ac_balance;
                    totalDr += bdr;
                }
                else {
                    continue;
                }
            }
        }
    }
    loadPNL(crArray, drArray);

},
error: function (err) {
    console.log(err.responseText);
}
});

function loadPNL(crArray,drArray) {
    var totalCr = 0;
    var totalDr = 0;
    for(var i=0;i <crArray.length || i<drArray.length;i++){
        var d = "<tr>";
        if (drArray[i]) {
            d += '<td>' + drArray[i].ac_name + '<span class="ac_amount">' +
Math.abs(drArray[i].ac_balance) + '</span></td>'
            totalDr += Math.abs(drArray[i].ac_balance);
        }
        else {
            d += "<td></td>";
        }
        if (crArray[i]) {
            d += '<td>' + crArray[i].ac_name + '<span class="ac_amount">' +
Math.abs(crArray[i].ac_balance) + '</span></td>'
            totalCr += Math.abs(crArray[i].ac_balance);
        }
        else {
            d += "<td></td>";
        }
    }
}
```



```
    }
    d += "</tr>";
    $("#tableRecords").append(d);
  }
  if (totalCr >= totalDr) {
    console.log("profit");
    var d = '<tr><td> Profit<span class="ac_amount">' + Math.abs(totalCr-
totalDr) + '</span></td><td> <span class="ac_amount"></span></td></tr>';
    $("#tableRecords").append(d);
    totalDr += Math.abs(totalCr - totalDr)
  }
  else {
    console.log("loss");
    var d = '<tr><td><span class="ac_amount"></span></td><td>Loss <span
class="ac_amount">' + Math.abs(totalCr - totalDr) + '</span></td></tr>';
    $("#tableRecords").append(d);
    totalCr+= Math.abs(totalCr - totalDr)
  }

  var d = '<tr><th> Total<span class="ac_amount">' + totalDr + '</span></th><th>
Total<span class="ac_amount">' + totalCr + '</span></th></tr>';
  $("#tableRecords").append(d);
}

</script>
</asp:Content>
```




Balance Sheet

word to pdf online - Google x Accounts ++ x

localhost:49746/accountspp-asp.net/PanelBalanceSheet.aspx

Account++ Balance Sheet Hamid Lohar Pvt.Ltd

Accounts

Entry

Journal Entry

Sales Entry

Sales Return Entry

Purchase Entry

Purchase Return Entry

Reports

Sale Book

Sale Return Book

Purchase Book

Purchase Return Book

Cash Book

Final Accounts

Balance Sheet of Hamid Lohar Pvt.Ltd

Capital & Liabilities	Amount	Assets	Amount
Capital	5956000	Cash	3750000
Adarsh and co.	27000	Brijesh Maurya	212000
		Dharmendra	5000
		Car	2200000
Profit	184000		
Total	6167000	Total	6167000

Windows 8:26 AM 9/19/2018

Description:

It shows finaltial status of business.



Code:

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

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">
</asp:Content>
<asp:Content ID="Content4" ContentPlaceHolderID="pageTitle" Runat="Server">Balance
Sheet</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;">Balance Sheet of <%
Response.Write(Session("userData"))("company_name"))%></caption>
        <tr>
            <th width="50%">Capital & Libailities <span
class="ac_amount">Amount</span></th>
            <th width="50%">Assets <span class="ac_amount">Amount</span></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;
        window.drArray = [];
        window.crArray = [];

        for (i in jData) {
            var bcr = "";
            var bdr = "";
            if (jData[i].ac_name == "Sales A/c") {
                //crArray.unshift(jData[i]);
                continue;
            }
            else if (jData[i].ac_name == "Purchase A/c") {
                //drArray.unshift(jData[i]);
                continue
            }
        }
    }
})
```



```
else if (jData[i].ac_name == "Purchase Return A/c") {
    //crArray.unshift(jData[i]);
    continue
}
else if (jData[i].ac_name == "Sales Return A/c") {
    //drArray.unshift(jData[i]);
    continue
}
else {
    if (jData[i].ac_type != "nominal") {
        if (jData[i].ac_balance < 0) {
            crArray.push(jData[i]);
            bcr = Math.abs(jData[i].ac_balance);
            totalCr += bcr;
        }
        else if (jData[i].ac_balance > 0) {
            drArray.push(jData[i]);
            bdr = jData[i].ac_balance;
            totalDr += bdr;
        }
        else {
            continue;
        }
    }
}
}
loadPNL(crArray, drArray);

},
error: function (err) {
    console.log(err.responseText);
}
});

function loadPNL(drArray, crArray) {
    var totalCr = 0;
    var totalDr = 0;
    for (var i = 0; i < crArray.length || i < drArray.length; i++) {
        var d = "<tr>";
        if (drArray[i]) {
            d += '<td>' + drArray[i].ac_name + '<span class="ac_amount">' +
Math.abs(drArray[i].ac_balance) + '</span></td>'
            totalDr += Math.abs(drArray[i].ac_balance);
        }
        else {
            d += "<td></td>";
        }
        if (crArray[i]) {
            d += '<td>' + crArray[i].ac_name + '<span class="ac_amount">' +
Math.abs(crArray[i].ac_balance) + '</span></td>'
            totalCr += Math.abs(crArray[i].ac_balance);
        }
        else {
            d += "<td></td>";
        }
    }
}
```



```
    }
    d += "</tr>";
    $("#tableRecords").append(d);
}
if (totalCr >= totalDr) {
    console.log("profit");
    var d = '<tr><td> Profit<span class="ac_amount">' + Math.abs(totalCr -
totalDr) + '</span></td><td> <span class="ac_amount"></span></td></tr>';
    $("#tableRecords").append(d);
    totalDr += Math.abs(totalCr - totalDr)
}
else {
    console.log("loss");
    var d = '<tr><td><span class="ac_amount"></span></td><td>Loss <span
class="ac_amount">' + Math.abs(totalCr - totalDr) + '</span></td></tr>';
    $("#tableRecords").append(d);
    totalCr += Math.abs(totalCr - totalDr)
}

    var d = '<tr><th> Total<span class="ac_amount">' + totalDr + '</span></th><th>
Total<span class="ac_amount">' + totalCr + '</span></th></tr>';
    $("#tableRecords").append(d);
}

</script>
</asp:Content>
```



Admin Side Interfaces:

User Management Panel

id	company_name	username	email	phone_no	Action
1	Hamid Lohar Pvt.Ltd	hmdlohar	hmdlohar@gamil.com	8980254444	Edit Delete

Description:

It shows list of users using accounts++ service online. Admin can modify info of users or he can delete user.



Code: (Admin/Default.aspx)

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb"
Inherits="Admin_Default" %>

<!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>User </title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">
    <link rel="icon" href="../../../../favicon.ico">
    <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css" />
    <script src="../../jquery/jquery-1.11.3.min.js" type="text/javascript"></script>
    <script src="bootstrap/js/bootstrap.min.js" type="text/javascript"></script>
    <link href="dashboard.css" rel="stylesheet">
</head>
<body>
    <form id="form1" runat="server">
    <div>
    <nav class="navbar navbar-dark sticky-top bg-dark flex-md-nowrap p-0">
        <a class="navbar-brand col-sm-3 col-md-2 mr-0" href="#">Accounts++ Admin Panel</a>

        <ul class="navbar-nav px-3">
            <li class="nav-item text-nowrap">
                <a class="nav-link" href="Logout.aspx">Sign out</a>
            </li>
        </ul>
    </nav>
    <div class="container-fluid">
        <div class="row">
            <nav class="col-md-2 d-none d-md-block bg-light sidebar">
                <div class="sidebar-sticky">
                    <ul class="nav flex-column">
                        <li class="nav-item">
                            <a class="nav-link" href="Default.aspx">
                                Users
                            </a>
                        </li>
                    </ul>
                </div>
            </nav>
            <main role="main" class="col-md-9 ml-sm-auto col-lg-10 pt-3 px-4">
                <asp:GridView ID="dgvUsers" CssClass="table table-striped" runat="server"
AutoGenerateColumns="False"
DataKeyNames="id" DataSourceID="SqlDataSource1"
EmptyDataText="There are no data records to display.">
                    <Columns>
                        <asp:BoundField DataField="id" HeaderText="id" InsertVisible="False"
ReadOnly="True" SortExpression="id" />
                        <asp:BoundField DataField="company_name" HeaderText="company_name"
```



```
SortExpression="company_name" />
<asp:BoundField DataField="username" HeaderText="username"
SortExpression="username" />
<asp:BoundField DataField="email" HeaderText="email" SortExpression="email" />
<asp:BoundField DataField="phone_no" HeaderText="phone_no"
SortExpression="phone_no" />
<asp:CommandField ShowDeleteButton="True" ShowEditButton="True"
AccessibleHeaderText="Action" HeaderText="Action" />
</Columns>
</asp:GridView>
<asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:DatabaseConnectionString1 %>"
DeleteCommand="DELETE FROM [users] WHERE [id] = @id"
InsertCommand="INSERT INTO [users] ([company_name], [username], [email], [phone_no],
[password]) VALUES (@company_name, @username, @email, @phone_no, @password)"
ProviderName="<%$ ConnectionStrings:DatabaseConnectionString1.ProviderName %>"
SelectCommand="SELECT [id], [company_name], [username], [email], [phone_no],
[password] FROM [users]"
UpdateCommand="UPDATE [users] SET [company_name] = @company_name, [username] =
@username, [email] = @email, [phone_no] = @phone_no, [password] = @password WHERE [id] =
@id">
<DeleteParameters>
<asp:Parameter Name="id" Type="Decimal" />
</DeleteParameters>
<InsertParameters>
<asp:Parameter Name="company_name" Type="String" />
<asp:Parameter Name="username" Type="String" />
<asp:Parameter Name="email" Type="String" />
<asp:Parameter Name="phone_no" Type="String" />
<asp:Parameter Name="password" Type="String" />
</InsertParameters>
<UpdateParameters>
<asp:Parameter Name="company_name" Type="String" />
<asp:Parameter Name="username" Type="String" />
<asp:Parameter Name="email" Type="String" />
<asp:Parameter Name="phone_no" Type="String" />
<asp:Parameter Name="password" Type="String" />
<asp:Parameter Name="id" Type="Decimal" />
</UpdateParameters>
</asp:SqlDataSource>
</main>
</div>
</div>
</div>
</form>
</body>
</html>
```



CSS file of admin: (dashboard.css)

```
body {  
  font-size: .875rem;  
}  
  
.feather {  
  width: 16px;  
  height: 16px;  
  vertical-align: text-bottom;  
}  
  
/*  
 * Sidebar  
 */  
  
.sidebar {  
  position: fixed;  
  top: 0;  
  bottom: 0;  
  left: 0;  
  z-index: 100; /* Behind the navbar */  
  padding: 0;  
  box-shadow: inset -1px 0 0 rgba(0, 0, 0, .1);  
}  
  
.sidebar-sticky {  
  position: -webkit-sticky;  
  position: sticky;  
  top: 48px; /* Height of navbar */  
  height: calc(100vh - 48px);  
  padding-top: .5rem;  
  overflow-x: hidden;  
  overflow-y: auto; /* Scrollable contents if viewport is shorter than content. */  
}  
  
.sidebar .nav-link {  
  font-weight: 500;  
  color: #333;  
}  
  
.sidebar .nav-link .feather {  
  margin-right: 4px;  
  color: #999;  
}  
  
.sidebar .nav-link.active {  
  color: #007bff;  
}  
  
.sidebar .nav-link:hover .feather,  
.sidebar .nav-link.active .feather {  
  color: inherit;  
}  
  
.sidebar-heading {
```




```
font-size: .75rem;
text-transform: uppercase;
}

/*
 * Navbar
 */

.navbar-brand {
  padding-top: .75rem;
  padding-bottom: .75rem;
  font-size: 1rem;
  background-color: rgba(0, 0, 0, .25);
  box-shadow: inset -1px 0 0 rgba(0, 0, 0, .25);
}

.navbar .form-control {
  padding: .75rem 1rem;
  border-width: 0;
  border-radius: 0;
}

.form-control-dark {
  color: #fff;
  background-color: rgba(255, 255, 255, .1);
  border-color: rgba(255, 255, 255, .1);
}

.form-control-dark:focus {
  border-color: transparent;
  box-shadow: 0 0 0 3px rgba(255, 255, 255, .25);
}

/*
 * Utilities
 */

.border-top { border-top: 1px solid #e5e5e5; }
.border-bottom { border-bottom: 1px solid #e5e5e5; }

/*
Custom CSS
*/
.subnav-ul{
  margin-left:20px;
}

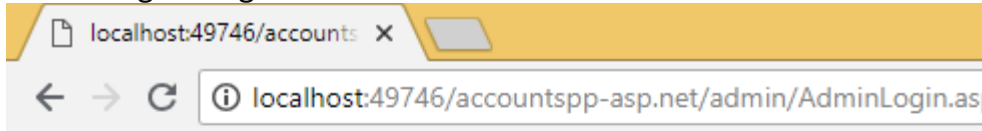
.add-ac{
  position:fixed;
  width:60%;
  border: 3px solid black;
  top:20%;
  left:20%;
}
```



```
border-radius: 10px;
background:#C3C3C3;
color:white;
padding:30px;
z-index:3;
}
.close-btn{
position:absolute;
right:5px;
top:5px;
}
```



Admin Login Page:



Admin Login

Admin username:

Admin Password:

Codes :

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="AdminLogin.aspx.vb"
Inherits="Admin_AdminLogin" %>

<!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></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h1>Admin Login </h1>
        </div>
        Admin username: <asp:TextBox ID="txtUsername" runat="server"></asp:TextBox>
        <br />
        Admin Password: <asp:TextBox ID="txtPassword" runat="server"></asp:TextBox>
        <br />
        <asp:Button ID="btnAdminLogin" runat="server" Text="Button" />
    </form>
</body>
</html>
```



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 purchase 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 manipulation.

Ref : [jQuery](#)

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

Ref: [Bootstrap](#)

Jquery Validator => used for form validation

Ref : [jQuery Validation Plugin](#)

Bootstrap DateTimePicker => Provides Date time picker for entries.

Ref: [Bootstrap DateTimePicker](#)



Login Details:

Database Path: |DataDirectory|Database.mdf
Admin Panel Path: <Host>/admin

Admin Login:
 Username: admin
 Password: admin
User Login:

Account already created with username “hmdlohar” but you can also signup for new account.

 Username: hmdlohar
 Password: 44544545