

Bachelor of Computer Applications (BCA) Programme

Project Report

BCA Sem V

AY 2018-19

*<Topic Title: iEdit(Image Editing Tool)>*

*by*

|  |  |
| --- | --- |
| Exam No. | Name of Student |
| *104* | Pandey Aadarsh H. |

|  |  |
| --- | --- |
| Project Guide by : | |
| Nidhi Desai |  |

*I N D E X*

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Description** | **Page No.** |
| 1 | Introduction |  |
|  | 1.1 Abstract |  |
|  | 1.2 Scope & Objective |  |
| 2 | Requirement Analysis |  |
|  | 2.1 Requirement Gathering |  |
|  | 2.2 Requirement Analysis |  |
|  | 2.3 Software Model |  |
|  | 2.4 Technology Details |  |
| 3 | Designing |  |
|  | 3.1 Data Flow Diagram |  |
|  | 3.2 Database Design |  |
|  | 3.3 User Interface |  |
| 4 | Coding |  |
| 5 | Testing |  |
|  | 5.1 Navigation Testing |  |
|  | 5.2 Environment Testing |  |
|  | 5.3 Functional Testing |  |
| 6 | Conclusion |  |
| 7 | Bibliography |  |

**1. Introduction**

iEdit is online image editing tool which help user to edit their images online without downloading and installing any application to their device.

**1.1 Abstract**

iEdit is online image editing tool which help user to edit their images online without downloading and installing any application to their device.

iEdit gives user freedom to save their images on server otherwise just "Edit and Download" images.

iEdit provide following features.

* **Crop/Resize:** Crop and resize your photos easily without any loading time.
* **Apply Effects on Image:**Glorify image by applying different effects on image like changing seturation, greyscale, blur etc...
* **Cliparts:**You can add interesting clipart from our clipart gallery where you can find lot of freely available clipart.
* **Adding Frames**
* **Adding Text**

**1.2 Scope & Objective**

**Scope:**

Scope of this project is for users who want to edit their photos quickly and easily without installing any kind of software to their device.

**Objective:**

1. Provide User Convinet and easy way to edit their photos.
2. Allow user to devorate their images with cool Cliparts and frames.
3. Allow user to add text to their photos.
4. Provide Web based solution for editing photos.
5. Store photos edited by user’s on server for further use.

**2.Requirement Analysis**

**2.1 Requirement Gathering.**

Following Requirements are gathered for Online image editing tool “iEdit”.

1. System should allow user to upload their photo and then edit them.
2. It Should support all popular image formats like jpg,png,bmp etc.
3. It should provide lightweight interface to user so it can save time of user.
4. Website should work with most of web browsers.
5. User should be allowed to do following tasks.
   1. Crop/Resize
   2. Apply Effects on Image
   3. Cliparts
   4. Adding Frames
   5. Adding Text
6. User should be able to save their photos on server for further use.
7. User should have security and privecy for their uploaded photos.

**2.2 Requirement Analysis.**

After Analyzing requirements gathered above We can satisfy all of above requirements.

.

**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.



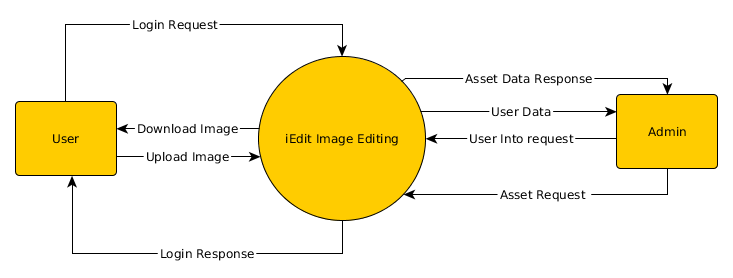
**2.4 Technology Details.**

|  |  |
| --- | --- |
| **Project Title** | iEdit(Online Image Editing Tool) |
| **Project Objective** | Allow user to edit their photos online on web based editor. |
| **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** | Pandey Aadarsh H. |

**3. Designing**

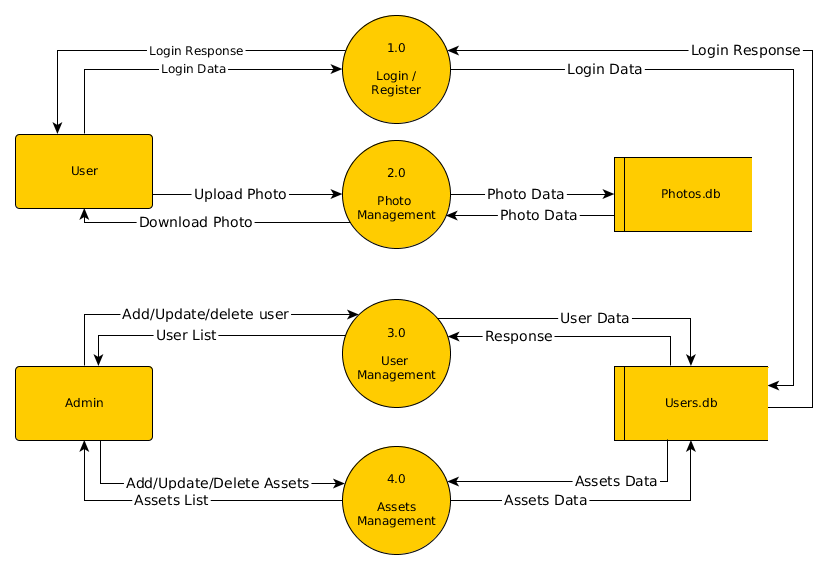
**3.1 Data Flow Diagram.**

**3.1.1 Context Level DFD**

****

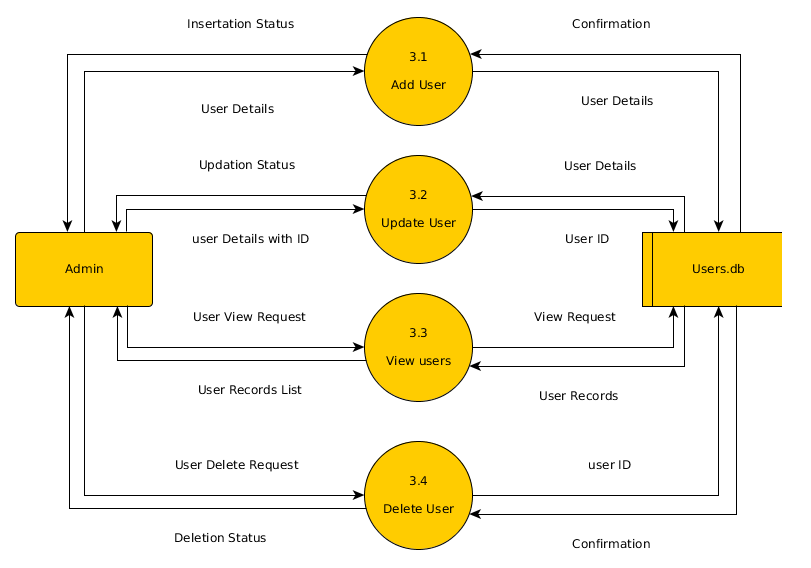
**Context Level Data Flow Diagram for iEdit**

**3.1.2 Level 1 DFD**

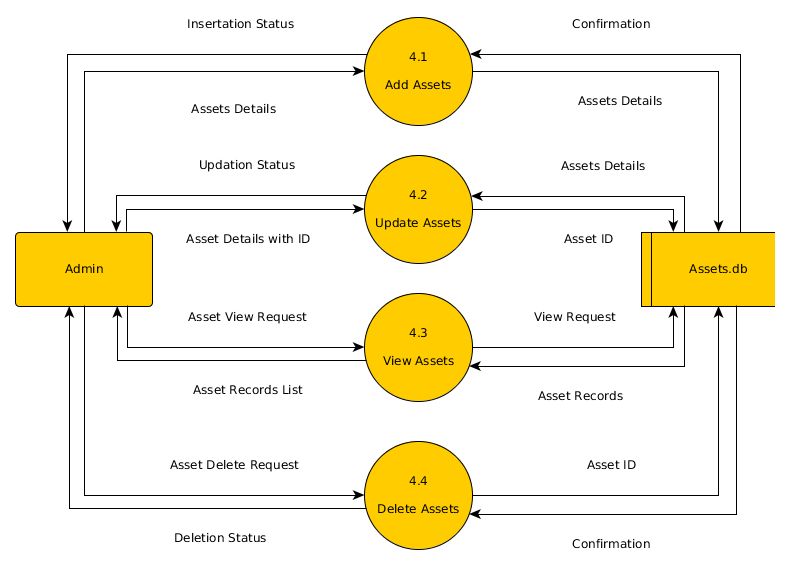


**Level 1 Data Flow Diagram for iEdit**

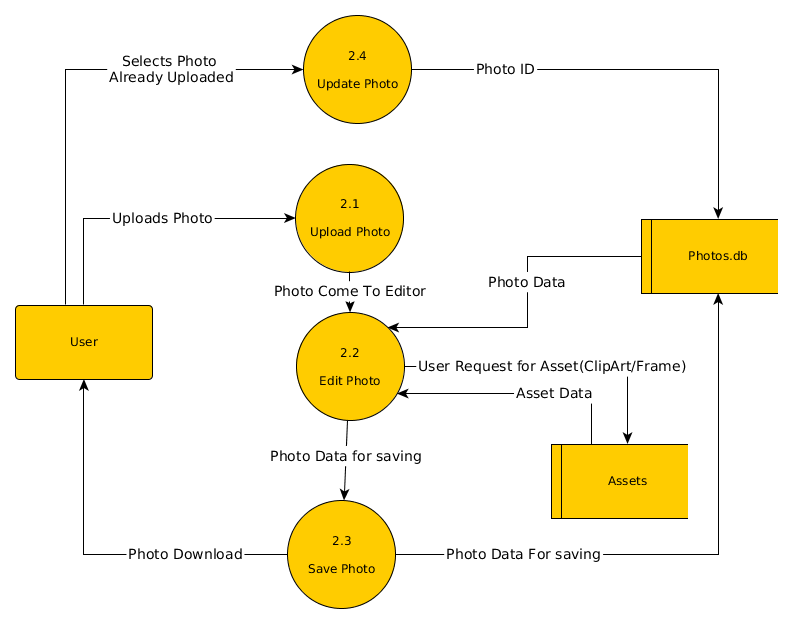
**3.1.3 Level 2 DFD**



**Level 2 Data Flow Diagram for iEdit (Users)**



**Level 2 Data Flow Diagram for iEdit (Assets)**



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

**3.2 Database Design**

**Users**

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

**Assets**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Description** | **Constraints** |
| Id | Number | Unique ID of Asset | Primary Key |
| Name | Text | Name of Asset | - |
| Type | Text | Asset type (clipart/frame) | - |

**User\_Photos**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Description** | **Constraints** |
| Id | Number | Unique ID of Photo | Primary Key |
| Name | Text | Name of Photos Provided by user | - |
| User\_id | Number | Reference to User’s id who created photo | Foreign Key |
| Status | Text | Status of Photo. Active or not | - |
| Path | Text | Path where photo is saved | - |

**3.2 User Interface**

Note: Common CSS and Javascript files are included on later pages.

Library used Bootstrap for styling

Notie Plugin used for notification

**Client Side Interfaces**

Master Page Code:

<%@ 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">

<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="">

<title>iEdit - Online Image Editing Tool</title>

<!-- Bootstrap core CSS -->

<link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

<link href="vendor/font-awesome/css/all.css" rel="stylesheet">

<link href="css/notie.min.css" rel="stylesheet">

<!-- Custom styles for this template -->

<link href="css/modern-business.css" rel="stylesheet">

<link href="css/style.css" rel="stylesheet">

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

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

<script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

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

</asp:ContentPlaceHolder>

</head>

<body>

<!-- Navigation -->

<nav class="navbar fixed-top navbar-expand-lg navbar-dark bg-dark fixed-top">

<div class="container">

<a class="navbar-brand" href="Default.aspx">iEdit</a>

<button class="navbar-toggler navbar-toggler-right" type="button" data-toggle="collapse" data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarResponsive">

<ul class="navbar-nav ml-auto">

<li class="nav-item">

<a class="nav-link" href="About.aspx">About</a>

</li>

<li class="nav-item">

<a class="nav-link" href="Features.aspx">Features</a>

</li>

<li class="nav-item">

<a class="nav-link" href="PublicGallery.aspx">Public Gallery</a>

</li>

<li class="nav-item">

<a class="nav-link" href="iEditor.aspx">iEditor</a>

</li>

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

<li class="nav-item" >

<a class="nav-link" href="MyGallery.aspx">My Gallery</a>

</li>

<li class="nav-item" >

<a class="nav-link" href="dataModel.aspx?userLogout=true">Logout</a>

</li>

<% Else%>

<li class="nav-item">

<a class="nav-link" href="Login.aspx">Login</a>

</li>

<li class="nav-item">

<a class="nav-link" href="Register.aspx">Register</a>

</li>

<% End If%>

</ul>

</div>

</div>

</nav>

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

</asp:ContentPlaceHolder>

<footer class="py-5 bg-dark">

<div class="container">

<p class="m-0 text-center text-white">Copyright &copy; iEdit.com 2018</p>

</div>

<!-- /.container -->

</footer>

</body>

</html>

**Common Data Model For Ajax Requests:**

Imports System.IO

Imports System.Data.SqlClient

Partial Class Admin\_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("listAssets") <> "" Then

Dim type = Request.Params("type")

Dim res = db.sqlQueryJson("select \* from assets where type='" & type & "'")

Response.Write(res)

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

Dim name = Request.Params("name")

Dim username = Request.Params("username")

Dim email = Request.Params("email")

Dim password = Request.Params("password")

Dim res = db.dbNonQuery("insert into users (name,username,email,password) values ('" & name & "','" & username & "','" & email & "','" & password & "')")

If res = 1 Then

Response.Write("success")

Else

Response.Write("problemInserting")

End If

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

Dim username = Request.Params("username")

Dim password = Request.Params("password")

Dim rc = db.dbScalar("select password from users where username='" & username & "'")

If rc <> "0" Then

If String.Equals(rc, password) Then

Session("userLogged") = db.dbScalar("select id from users where username='" & username & "'")

Response.Write("success")

Else

Response.Write("passwordDoNotMatch")

End If

Else

Response.Write("userNotFound")

End If

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

Session("userLogged") = ""

Response.Redirect("Default.aspx")

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

Dim res = db.sqlQueryJson("select \* from assets where type='clipart'")

Response.Write(res)

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

Dim res = db.sqlQueryJson("select \* from assets where type='frame'")

Response.Write(res)

ElseIf Request.Params("user\_photo") <> "" Then

Dim photoId = Request.Params("user\_photo")

Dim imageData = Request.Params("image")

Dim photoName = Request.Params("user\_photo\_name")

If photoId = -1 Then

Dim nextId = db.nextId("user\_photos", "id")

photoId = nextId

End If

Dim idCount = db.dbScalar("select count(id) from user\_photos where id=" & photoId)

Dim res

If idCount = 0 Then

'Response.Write("insert into user\_photos (id,name,user\_id) values (" & photoId & ",'" & photoName & "'," & Session("userLogged") & ")")

res = db.dbNonQuery("insert into user\_photos (id,name,user\_id) values (" & photoId & ",'" & photoName & "'," & Session("userLogged") & ")")

Else

'Response.Write("update user\_photos set name='" & photoName & "' where id=" & photoId)

res = db.dbNonQuery("update user\_photos set name='" & photoName & "' where id=" & photoId)

End If

If res = 0 Then

Response.Write("dbError")

Return

End If

Dim path = HttpContext.Current.Server.MapPath("./user\_photos")

Dim filename = path & "/" & Str(photoId).Trim & ".png"

If Not imageData = "" Then

If Not WriteFile(filename, imageData) Then

Response.Write("fileerror")

Return

End If

End If

Response.Write("success:" & photoId)

End If

End Sub

Function WriteFile(ByVal filename As String, ByVal fileData As String) As Boolean

Try

Dim fs As New FileStream(filename, FileMode.Create)

Dim br As New BinaryWriter(fs)

Dim data = Convert.FromBase64String(fileData)

br.Write(data)

br.Close()

Return True

Catch ex As Exception

MsgBox(ex.Message)

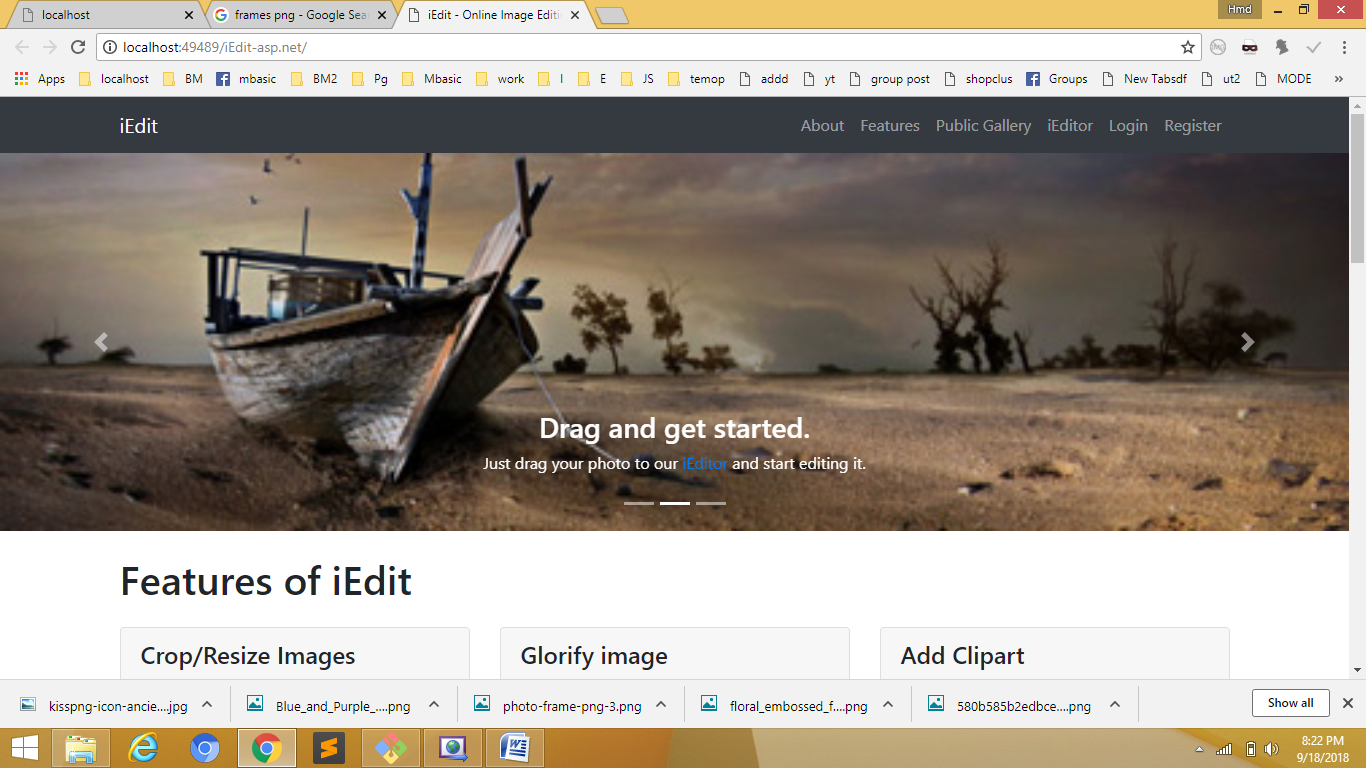
Return False

End Try

End Function

End Class

Home Page (Default.aspx)



**Description:**

Home page of website shown when user first time visit Website. It contains Menus to navigate through whole website.

Code:

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

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

</asp:Content>

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

<header>

<div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">

<ol class="carousel-indicators">

<li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>

<li data-target="#carouselExampleIndicators" data-slide-to="1"></li>

<li data-target="#carouselExampleIndicators" data-slide-to="2"></li>

</ol>

<div class="carousel-inner" role="listbox">

<!-- Slide One - Set the background image for this slide in the line below -->

<div class="carousel-item active" style="background-image: url('img/front\_photo\_3.png')">

<div class="carousel-caption d-none d-md-block">

<h3>Want to edit your Photos?</h3>

<p>iEdit provide you facility to edit photos without installing any app on your device.</p>

</div>

</div>

<!-- Slide Two - Set the background image for this slide in the line below -->

<div class="carousel-item" style="background-image: url('img/front\_photo\_2.png')">

<div class="carousel-caption d-none d-md-block">

<h3>Drag and get started.</h3>

<p>Just drag your photo to our <a href="ieditor.php">iEditor</a> and start editing it.</p>

</div>

</div>

<!-- Slide Three - Set the background image for this slide in the line below 1900 x 1080 -->

<div class="carousel-item" style="background-image: url('img/front\_photo\_1.png')">

<div class="carousel-caption d-none d-md-block">

<h3>Want some extra?</h3>

<p>We provide you free clipart that you can add to your photos and make them funkey.</p>

</div>

</div>

</div>

<a class="carousel-control-prev" href="#carouselExampleIndicators" role="button" data-slide="prev">

<span class="carousel-control-prev-icon" aria-hidden="true"></span>

<span class="sr-only">Previous</span>

</a>

<a class="carousel-control-next" href="#carouselExampleIndicators" role="button" data-slide="next">

<span class="carousel-control-next-icon" aria-hidden="true"></span>

<span class="sr-only">Next</span>

</a>

</div>

</header>

<!-- Page Content -->

<div class="container">

<h1 class="my-4">Features of iEdit</h1>

<!-- Marketing Icons Section -->

<div class="row">

<div class="col-lg-4 mb-4">

<div class="card h-100">

<h4 class="card-header">Crop/Resize Images</h4>

<div class="card-body">

<p class="card-text">Crop and resize your photos easily without any loading time. </p>

</div>

<div class="card-footer">

<a href="#" class="btn btn-primary">Get Started</a>

</div>

</div>

</div>

<div class="col-lg-4 mb-4">

<div class="card h-100">

<h4 class="card-header">Glorify image</h4>

<div class="card-body">

<p class="card-text">Glorify image by applying different effects on image like changing seturation, greyscale, blur etc...</p>

</div>

<div class="card-footer">

<a href="#" class="btn btn-primary">Get Started</a>

</div>

</div>

</div>

<div class="col-lg-4 mb-4">

<div class="card h-100">

<h4 class="card-header">Add Clipart</h4>

<div class="card-body">

<p class="card-text">You can add interesting clipart from our clipart gallery where you can find lot of freely available clipart. </p>

</div>

<div class="card-footer">

<a href="#" class="btn btn-primary">Get Started</a>

</div>

</div>

</div>

</div>

<!-- /.row -->

<!-- Portfolio Section -->

<h2>User's picks</h2>

<asp:Label ID="divPhotos" runat="server" CssClass="row" Text=""></asp:Label>

<!-- /.row -->

<!-- Features Section -->

<div class="row">

<div class="col-lg-6">

<h2>Try our first Edit with iEdit</h2>

<p>iEdit include following features:</p>

<ul>

<li>Crop/Resize</li>

<li>Image Effects</li>

<li>Cliparts</li>

<li>Frames</li>

<li>Text</li>

</ul>

<p>Drag your image to right side section and get started with your first edit with iEdit</p>

</div>

<div class="col-lg-6">

<img class="img-fluid rounded" src="img/editor1.jpg" alt="">

</div>

</div>

<!-- /.row -->

<hr>

<!-- Call to Action Section -->

<div class="row mb-4">

<div class="col-md-8">

<p></p>

</div>

<div class="col-md-4">

<a class="btn btn-lg btn-secondary btn-block" href="ieditor.aspx">Open iEditor</a>

</div>

</div>

</div>

<!-- /.container -->

</asp:Content>

Backend Code:

Partial Class \_Default

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

Dim ds As New Data.DataSet()

db.FillDs("select \* from user\_photos order by id desc", "user\_photos", ds)

Dim tbl = ds.Tables("user\_photos")

For Each dr As Data.DataRow In tbl.Rows

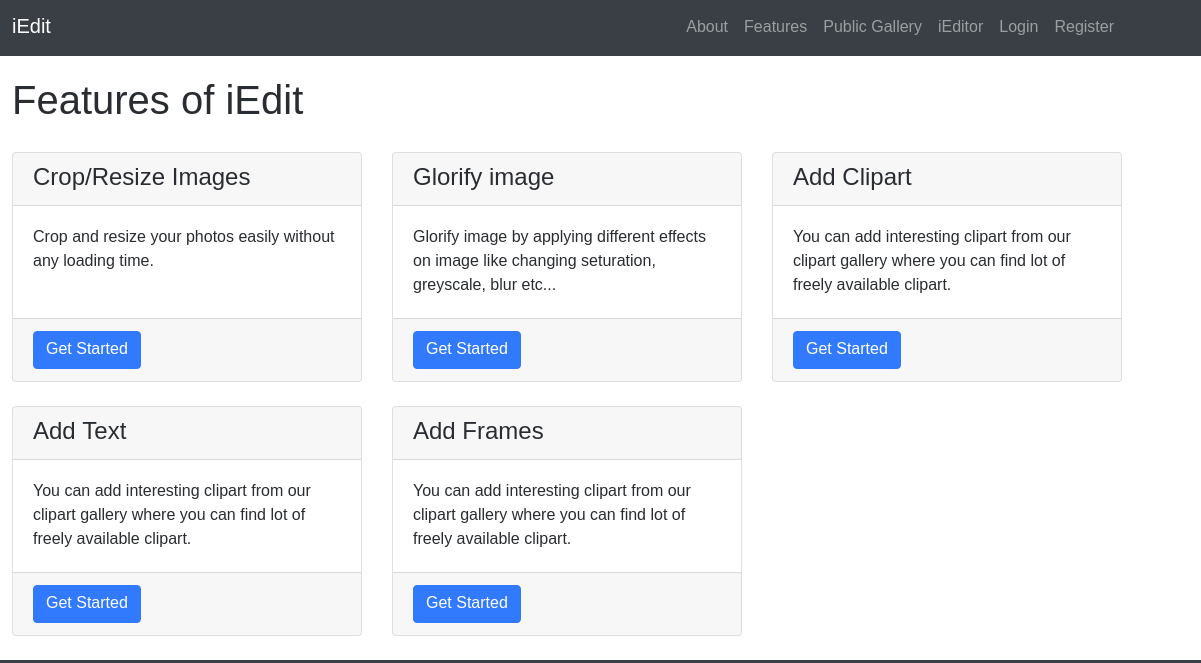
divPhotos.Text &= "<div class='col-lg-4 col-sm-6 portfolio-item'><div class='card h-100'><a href='#'><img class='card-img-top' src='user\_photos/" & dr.Item("id") & ".png' alt=''></a><div class='card-body'><h4 class='card-title'><a href='#'>" & dr.Item("name") & "</a></h4></div></div></div>"

Next

End Sub

End Class

Features Page



**Description:**

Features page describe all features of website. What kind of function website provides are written in this page.

Code:

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

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

</asp:Content>

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

<div class="container">

<h1 class="my-4">Features of iEdit</h1>

<!-- Marketing Icons Section -->

<div class="row">

<div class="col-lg-4 mb-4">

<div class="card h-100">

<h4 class="card-header">Crop/Resize Images</h4>

<div class="card-body">

<p class="card-text">Crop and resize your photos easily without any loading time. </p>

</div>

<div class="card-footer">

<a href="#" class="btn btn-primary">Get Started</a>

</div>

</div>

</div>

<div class="col-lg-4 mb-4">

<div class="card h-100">

<h4 class="card-header">Glorify image</h4>

<div class="card-body">

<p class="card-text">Glorify image by applying different effects on image like changing seturation, greyscale, blur etc...</p>

</div>

<div class="card-footer">

<a href="#" class="btn btn-primary">Get Started</a>

</div>

</div>

</div>

<div class="col-lg-4 mb-4">

<div class="card h-100">

<h4 class="card-header">Add Clipart</h4>

<div class="card-body">

<p class="card-text">You can add interesting clipart from our clipart gallery where you can find lot of freely available clipart. </p>

</div>

<div class="card-footer">

<a href="#" class="btn btn-primary">Get Started</a>

</div>

</div>

</div>

<div class="col-lg-4 mb-4">

<div class="card h-100">

<h4 class="card-header">Add Text</h4>

<div class="card-body">

<p class="card-text">You can add interesting clipart from our clipart gallery where you can find lot of freely available clipart. </p>

</div>

<div class="card-footer">

<a href="#" class="btn btn-primary">Get Started</a>

</div>

</div>

</div>

<div class="col-lg-4 mb-4">

<div class="card h-100">

<h4 class="card-header">Add Frames</h4>

<div class="card-body">

<p class="card-text">You can add interesting clipart from our clipart gallery where you can find lot of freely available clipart. </p>

</div>

<div class="card-footer">

<a href="#" class="btn btn-primary">Get Started</a>

</div>

</div>

</div>

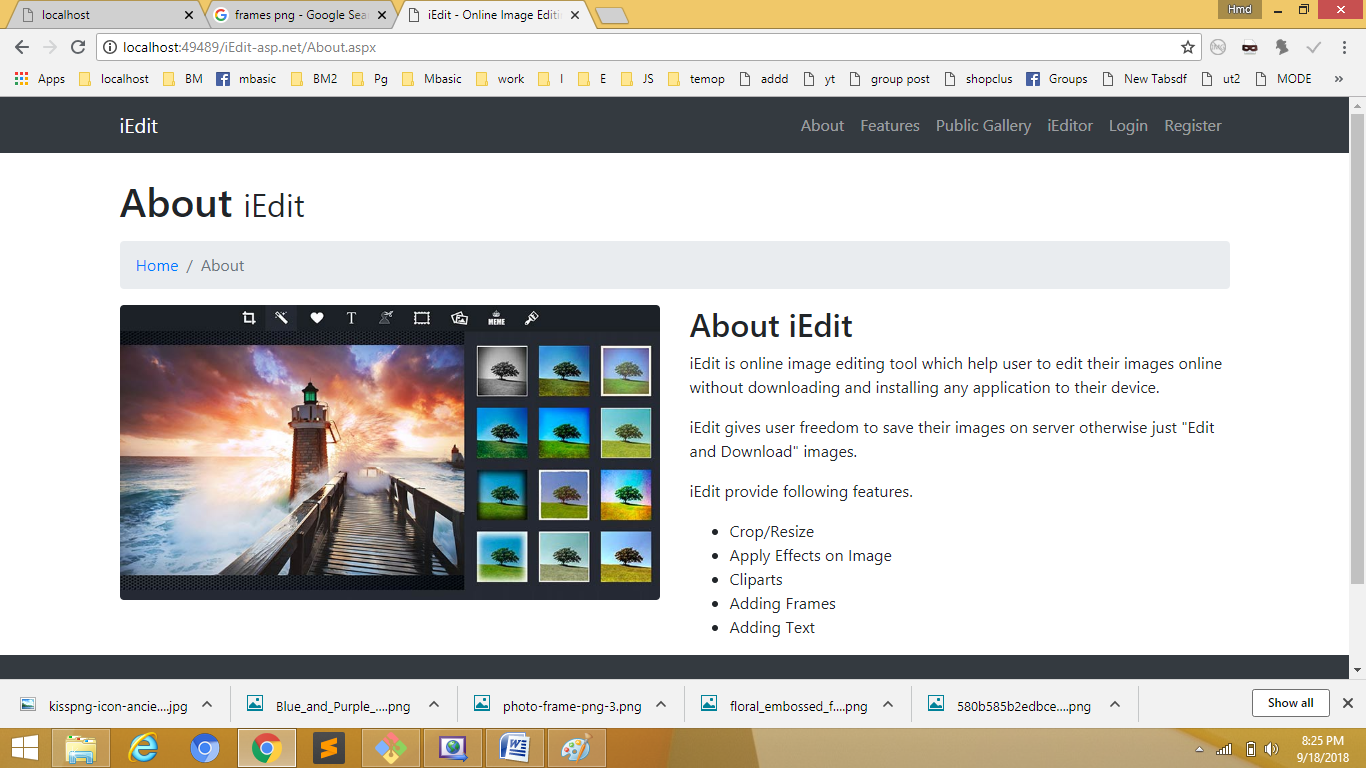
</div>

<!-- /.row -->

</div>

</asp:Content>

About Page



**Description:**

About page gives information about website. It describe motive of having iEdit.

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">

<!-- Page Content -->

<div class="container">

<!-- Page Heading/Breadcrumbs -->

<h1 class="mt-4 mb-3">About

<small>iEdit</small>

</h1>

<ol class="breadcrumb">

<li class="breadcrumb-item">

<a href="index.php">Home</a>

</li>

<li class="breadcrumb-item active">About</li>

</ol>

<!-- Intro Content -->

<div class="row">

<div class="col-lg-6">

<img class="img-fluid rounded mb-4" src="img/editor1.jpg" alt="">

</div>

<div class="col-lg-6">

<h2>About iEdit</h2>

<p>iEdit is online image editing tool which help user to edit their images online without downloading and installing any application to their device.</p>

<p>iEdit gives user freedom to save their images on server otherwise just "Edit and Download" images.</p>

<p>iEdit provide following features.</p>

<ul>

<li>Crop/Resize</li>

<li>Apply Effects on Image</li>

<li>Cliparts</li>

<li>Adding Frames</li>

<li>Adding Text</li>

</ul>

</div>

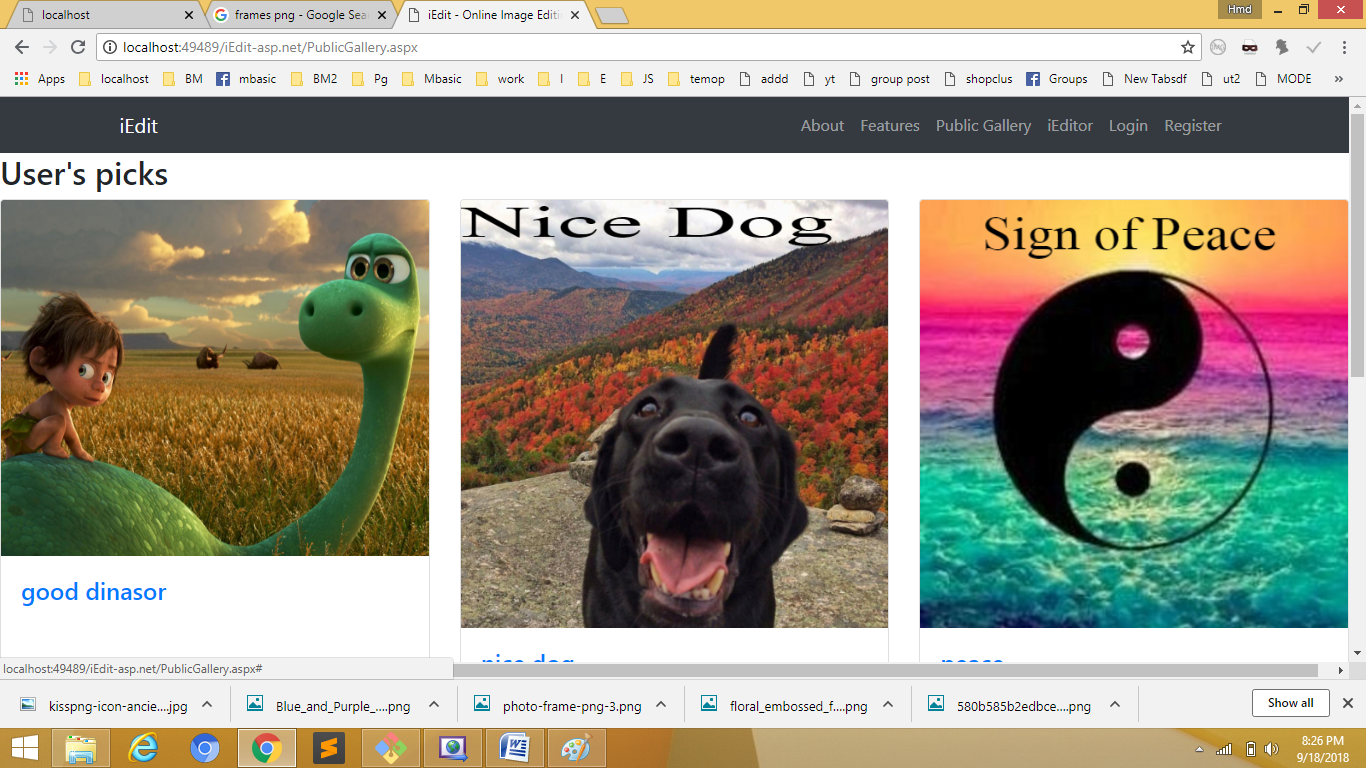
</div>

<!-- /.row -->

</div>

</asp:Content>

Public Gallery Page



**Description:**

Public gallery shows list of photos edited and then saved by users. It shows list al all photos.

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Front.master" AutoEventWireup="false" CodeFile="PublicGallery.aspx.vb" Inherits="Default5" %>

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

</asp:Content>

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

<h2>User's picks</h2>

<asp:Label ID="divPhotos" runat="server" CssClass="row" Text=""></asp:Label>

</asp:Content>

Backend Code:

Partial Class Default5

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

Dim ds As New Data.DataSet()

db.FillDs("select \* from user\_photos order by id desc", "user\_photos", ds)

Dim tbl = ds.Tables("user\_photos")

For Each dr As Data.DataRow In tbl.Rows

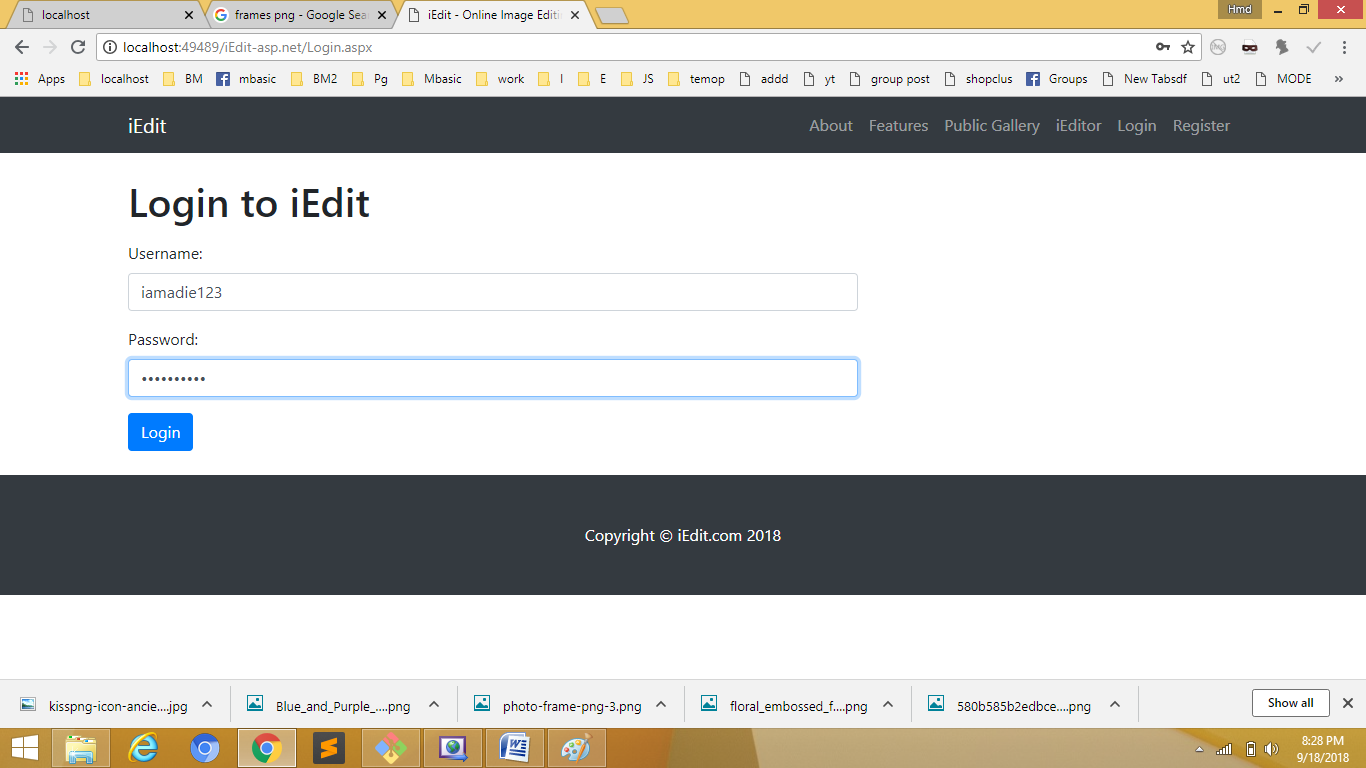
divPhotos.Text &= "<div class='col-lg-4 col-sm-6 portfolio-item'><div class='card h-100'><a href='#'><img class='card-img-top' src='user\_photos/" & dr.Item("id") & ".png' alt=''></a><div class='card-body'><h4 class='card-title'><a href='#'>" & dr.Item("name") & "</a></h4></div></div></div>"

Next

End Sub

End Class

Login Page



**Description:**

Login form using which user can login to their account.

Code:

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

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

</asp:Content>

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

<div class="container">

<h1 class="mt-4 mb-3">Login to iEdit

<small></small>

</h1>

<div class="row">

<div class="col-lg-8 mb-4">

<form id="formLogin" method="POST">

<div class="control-group form-group">

<div class="controls">

<label>Username:</label>

<input type="text" class="form-control" name="username">

</div>

</div>

<div class="control-group form-group">

<div class="controls">

<label>Password:</label>

<input type="password" class="form-control" name="password">

</div>

</div>

<!-- For success/fail messages -->

<button type="submit" class="btn btn-primary">Login</button>

</form>

</div>

</div>

</div>

<script type="text/javascript" src="js/jquery.validate.min.js"></script>

<script type="text/javascript">

$(document).ready(function () {

$("#formLogin").validate({

rules: {

username: {

required: true,

minlength: 8

},

password: {

required: true,

minlength: 8

}

},

messages: {

username: {

required: 'Username is Required',

minlength: "Username must be atleast 8 latters"

},

password: {

required: "Password is Required",

minlength: "Password must be atleast 8 latters"

}

}

});

$("#formLogin").submit(function () {

var frm = this;

if ($("#formLogin").valid()) {

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

userLogin: "true",

username: frm.elements.username.value,

password: frm.elements.password.value

},

success: function (data) {

console.log(data)

if (data == "success") {

notie.alert({ text: "Successfully Logged In.....", type: 1 });

setTimeout(function () { window.location.assign("MyGallery.aspx"); }, 1000)

}

else {

if (data == "userNotFound") {

notie.alert({ text: "User dose not exist with Username", type: 3 });

}

else if (data == "passwordDoNotMatch") {

notie.alert({ text: "You have entered wrong password. ", type: 3 });

}

else {

notie.alert({ text: "Unexpected Error.", type: 3 });

}

}

},

error: function (err) {

document.write(err.responseText);

console.log(err.responseText);

}

});

}

return false;

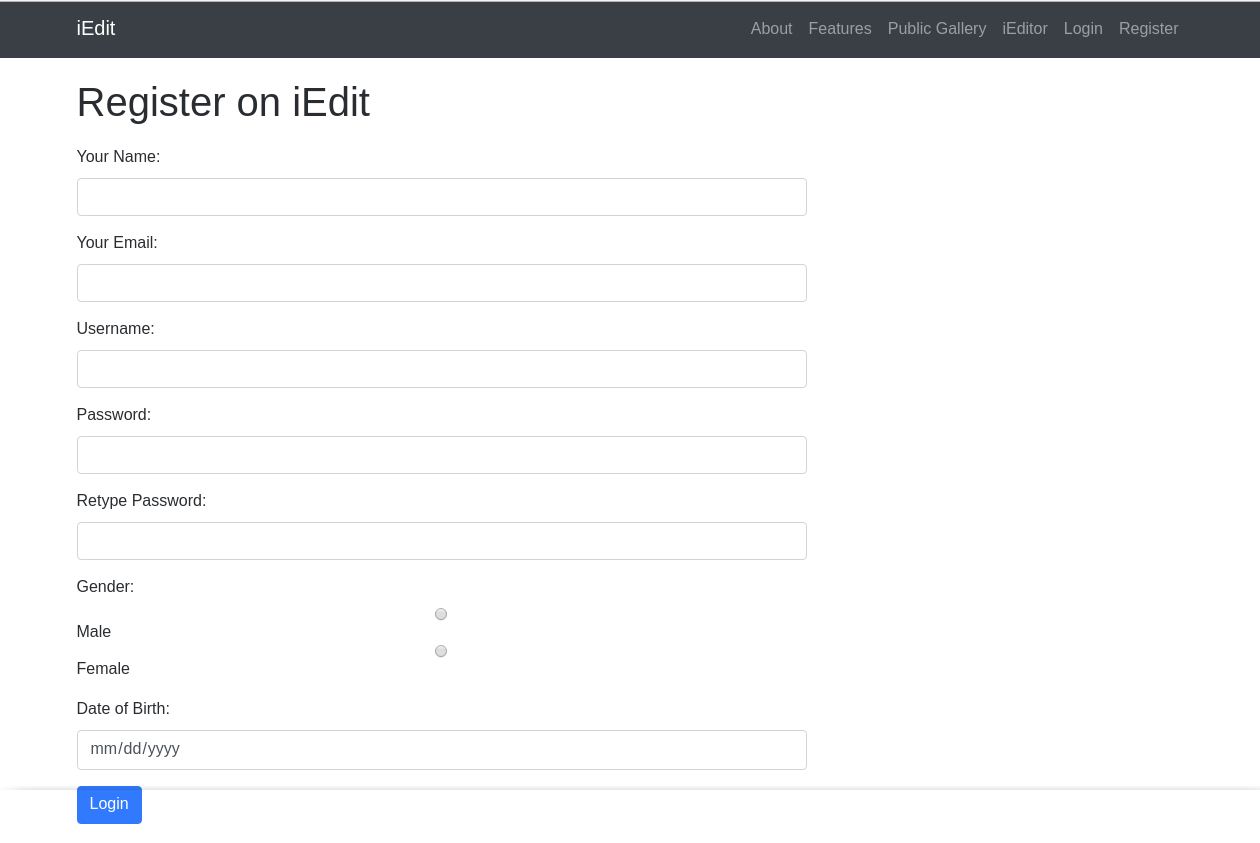
});

});

</script>

</asp:Content>

Register Page



Description : This page is used to Register the Details of the Client who is new to the WebSite.

Code:

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

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

</asp:Content>

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

<div class="container">

<h1 class="mt-4 mb-3">Register on iEdit

<small></small>

</h1>

<div class="row">

<div class="col-lg-8 mb-4">

<form id="formRegister" method="POST">

<div class="control-group form-group">

<div class="controls">

<label>Your Name:</label>

<input type="text" class="form-control" name="name" >

<p class="help-block"></p>

</div>

</div>

<div class="control-group form-group">

<div class="controls">

<label>Your Email:</label>

<input type="text" class="form-control" name="email">

<p class="help-block"></p>

</div>

</div>

<div class="control-group form-group">

<div class="controls">

<label>Username:</label>

<input type="text" class="form-control" name="username" >

<p class="help-block"></p>

</div>

</div>

<div class="control-group form-group">

<div class="controls">

<label>Password:</label>

<input type="password" class="form-control" id="password" name="password">

</div>

</div>

<div class="control-group form-group">

<div class="controls">

<label>Retype Password:</label>

<input type="password" class="form-control" name="repassword">

</div>

</div>

<button type="submit" class="btn btn-primary" >Register</button>

</form>

</div>

</div>

</div>

<script type="text/javascript" src="js/jquery.validate.min.js"></script>

<script type="text/javascript">

$(document).ready(function () {

$("#formRegister").validate({

rules: {

name: "required",

email: {

email: true,

required: true

},

username: {

required: true,

minlength: 8

},

repassword: {

required: true,

minlength: 8,

equalTo: "#password"

},

password: "required"

},

messages: {

name: "Enter Name",

email: {

required: "Email is Required",

email: "Enter Proper Email"

},

username: {

required: 'Username is Required',

minlength: "Username must be atleast 8 latters"

},

repassword: {

required: "Password is Required",

minlength: "Password must be atleast 8 latters",

equalTo: "Password and Retype password must match"

},

password: "Password is Required"

}

});

$("#formRegister").submit(function () {

var frm = this;

if ($("#formRegister").valid()) {

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

userRegister: "true",

name: frm.elements.name.value,

email: frm.elements.email.value,

username: frm.elements.username.value,

password: frm.elements.password.value

},

success: function (data) {

if (data == "success") {

notie.alert({ text: "You are registered. You will be redirect to login page", type: 1 });

setTimeout(function () {

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

}, 1000);

}

else {

if (data == "missingData") {

notie.alert({ text: "Please Fill up form properly", type: 3 });

}

else {

notie.alert({ text: "Unexpected Error.", type: 3 });

}

}

},

error: function (err) {

notie.alert({ text: "Server error.", type: 3 });

console.log(err.responseText);

}

});

//notie.alert({ text: "here to submit form" });

}

return false;

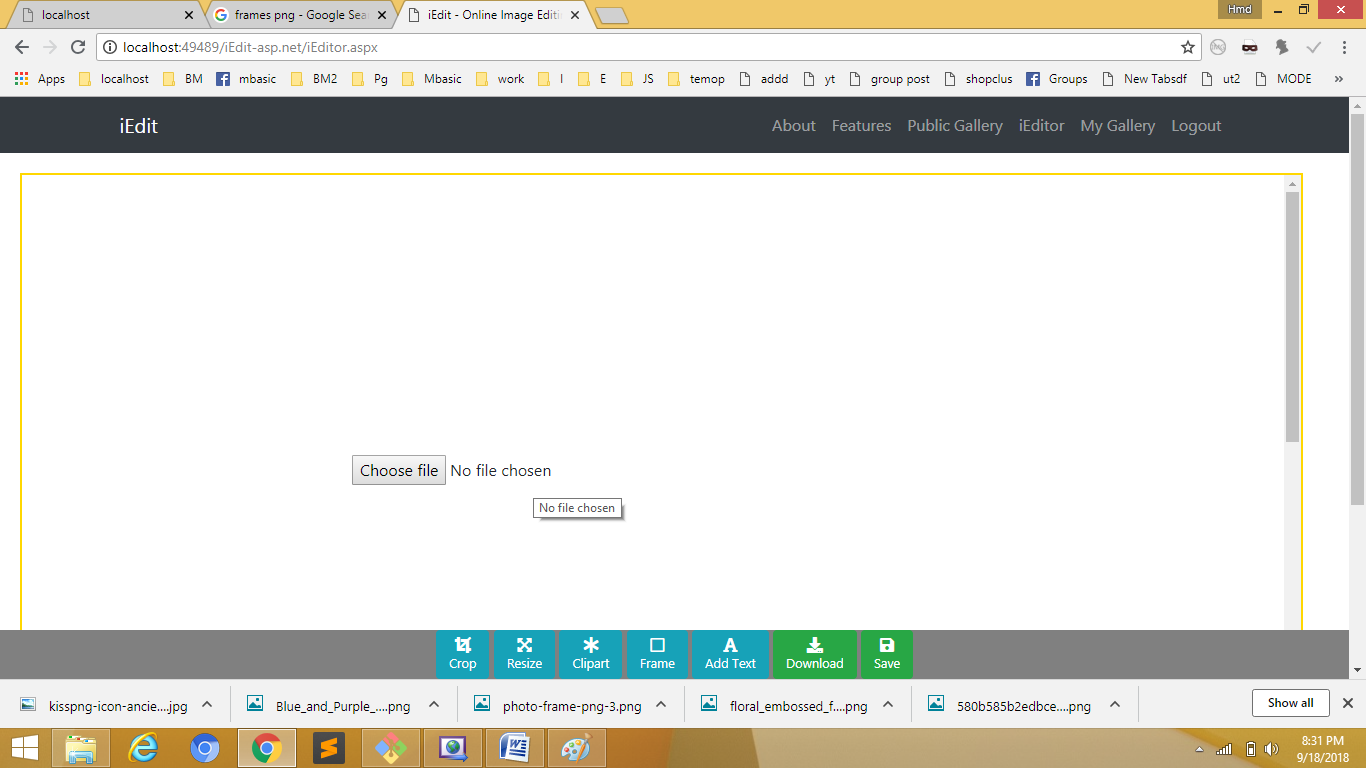
});

});

</script>

</asp:Content>

Main Editor



**Description:**

This is Main Editor which is called iEditor. It is core of iEdit website. It provides various function to users. Like user can upload their photo here and then he/she can add text,clipart,frame of resize and crop their photos. After doing this all things user can download their photo from here also.

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Front.master" AutoEventWireup="false" CodeFile="iEditor.aspx.vb" Inherits="Default4" %>

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

<%

If Request.Params("user\_photo") = "" Then

Response.Write("<script> window.user\_photo=-1;window.user\_photo\_name='Untitled';</script>")

Else

Response.Write("<script> window.user\_photo='" & Request.Params("user\_photo") & "';window.user\_photo\_name='Untitled';</script>")

End If

%>

</asp:Content>

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

<!-- Page Content -->

<div class="container-flued ieditor-workspace">

<div class="row">

<div class="col-md-12 col-xs-12">

<div class="edit-area" id="editArea">

<div class="upload-btn">

<input type="file" id="uploadPhoto" >

</div>

<svg id="mainSvg" viewBox="0 0 1000 1000" style="border:0px solid red" preserveAspectRatio="none">

</svg>

</div>

</div>

<div class="side-panel" id="sidePanel">

<div class="effect-area">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

<img src="assets/5.png" alt="" class="effect-img">

</div>

</div>

</div>

<div class="row">

<div class="tool-area container-flued">

<div class="btn btn-info" onclick="actionCrop()"><i class="fa fa-crop"></i><small class="d-none d-sm-block">Crop</small></div>

<div class="btn btn-info" onclick="actionResize()"><i class="fa fa-expand-arrows-alt"></i><small class="d-none d-sm-block">Resize</small></div>

<div class="btn btn-info" data-toggle="modal" data-target="#clipartModel"><i class="fa fa-asterisk"></i><small class="d-none d-sm-block">Clipart</small></div>

<div class="btn btn-info" data-toggle="modal" data-target="#frameModel"><i class="far fa-square"></i><small class="d-none d-sm-block">Frame</small></div>

<div class="btn btn-info" onclick="actionText()"><i class="fa fa-font"></i><small class="d-none d-sm-block">Add Text</small></div>

<div class="btn btn-success" onclick="actionDownload()"><i class="fa fa-download"></i><small class="d-none d-sm-block">Download</small></div>

<div class="btn btn-success" onclick="actionSave()"><i class="fa fa-save"></i><small class="d-none d-sm-block">Save</small></div>

</div>

</div>

<!-- Modal -->

<div class="modal fade" id="frameModel" role="dialog" style="width:100%; height:600px;">

<div class="modal-dialog" style="max-width:100%;">

<!-- Modal content-->

<div class="modal-content">

<div class="modal-header">

<h4 class="modal-title">Frames</h4>

<button type="button" class="close" data-dismiss="modal">&times;</button>

</div>

<div class="modal-body" id="frameBody">

</div>

<div class="modal-footer">

<button type="button" class="btn btn-default" data-dismiss="modal">Close</button>

</div>

</div>

</div>

</div>

<!-- Modal -->

<div class="modal fade" id="clipartModel" role="dialog" style="width:100%; height:600px;">

<div class="modal-dialog" style="max-width:100%;text-align:center;">

<!-- Modal content-->

<div class="modal-content">

<div class="modal-header">

<h4 class="modal-title">Cliparts</h4>

<button type="button" class="close" data-dismiss="modal">&times;</button>

</div>

<div class="modal-body" id="clipartBody">

</div>

<div class="modal-footer">

<button type="button" class="btn btn-default" data-dismiss="modal">Close</button>

</div>

</div>

</div>

</div>

<!-- Modal -->

<div class="modal fade" id="resizeModel" role="dialog">

<div class="modal-dialog" >

<!-- Modal content-->

<div class="modal-content">

<div class="modal-header">

<h4 class="modal-title">Resize</h4>

<button type="button" class="close" data-dismiss="modal">&times;</button>

</div>

<div class="modal-body" >

<h2>Old Height x Width:</h2>

<div class="row">

<div class="col-6">

<input class="form-control" type="number" id="oldHeight" />

</div>

<div class="col-6">

<input class="form-control" type="number" id="oldWidth" />

</div>

</div>

<h2>new Height x Width:</h2>

<div class="row">

<div class="col-6">

<input class="form-control" type="number" id="newHeight" />

</div>

<div class="col-6">

<input class="form-control" type="number" id="newWidth" />

</div>

</div>

<div class="row">

<div class="col">

<br />

<button class="btn btn-primary" id="btnResizeNow">Resize</button>

</div>

</div>

</div>

<div class="modal-footer">

<button type="button" class="btn btn-default" data-dismiss="modal">Close</button>

</div>

</div>

</div>

</div>

<!-- Modal -->

<div class="modal fade" id="cropModel" role="dialog">

<div class="modal-dialog">

<!-- Modal content-->

<div class="modal-content">

<div class="modal-header">

<h4 class="modal-title">Crop</h4>

<button type="button" class="close" data-dismiss="modal">&times;</button>

</div>

<div class="modal-body" id="Div3">

<h2>set values:</h2>

<div class="row">

<div class="col-6">

<input class="form-control" type="number" id="cropX1" placeholder="Top Left"/>

</div>

<div class="col-6">

<input class="form-control" type="number" id="cropY1" placeholder="Top Right" />

</div>

</div>

<div class="row">

<div class="col-6">

<input class="form-control" type="number" id="cropX2" placeholder="Bottom Left" />

</div>

<div class="col-6">

<input class="form-control" type="number" id="cropY2" placeholder="Bottom Right"/>

</div>

</div>

<div class="row">

<div class="col">

<br />

<button class="btn btn-primary" id="btnCropNow">Crop</button>

</div>

</div>

</div>

<div class="modal-footer">

<button type="button" class="btn btn-default" data-dismiss="modal">Close</button>

</div>

</div>

</div>

</div>

</div>

<script src="vendor/snap-svg/snap.svg.js"></script>

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

</asp:Content>

Backend JS code: (js/ieditor.js)

window.mainSvg=document.getElementById("mainSvg");

window.sidePanel=document.getElementById("sidePanel");

window.editArea=document.getElementById("editArea");

$(document).ready(function(){

window.ie=new iEditor($("#mainSvg")[0]);

$("#uploadPhoto").change(onUploadPhoto);

$("#sidePanelToggle").click(onSidePanelToggle);

$("#btnResizeNow").click(btnResizeClick);

$("#btnCropNow").click(btnCropClick);

$("#cropModel").on('shown.bs.modal',modelCropShown);

$("#resizeModel").on('shown.bs.modal',modelResizeShown);

loadAssets();

});

function modelCropShown(){

}

function modelResizeShown(){

$("#oldHeight").val(Snap(mainSvg).attr("height"))

$("#oldWidth").val(Snap(mainSvg).attr("width"))

}

function btnCropClick(){

crop($("#cropX1").val(),$("#cropY1").val(),$("#cropX2").val(),$("#cropY2").val());

$("#cropModel").modal("hide");

}

function btnResizeClick(){

resize($("#newHeight").val(),$("#newWidth").val());

$("#resizeModel").modal("hide");

}

/\*action functions\*/

function actionCrop(){

$("#cropModel").modal("show");

}

function actionResize(){

if(!isLoaded()){

notie.alert({ text: "Choose photo first", type: 2 });

return;

}

$("#resizeModel").modal("show");

}

function actionClipart(){

sidePanelOn();

}

function actionFrame(){

sidePanelOn();

}

function actionText(){

var pText=prompt("Text to insert");

ie.addText(pText);

}

function actionDownload(){

if(!isLoaded()){

notie.alert({ text: "Choose photo first", type: 2 });

return;

}

getPngFromSvg($("#mainSvg")[0],mainSvg.height.baseVal.value,mainSvg.width.baseVal.value,function(imgUri){

triggerDownload(imgUri,"image-ieditor.png");

});

}

function actionSave(){

if(!isLoaded()){

notie.alert({ text: "Choose photo first", type: 2 });

return;

}

window.user\_photo\_name=prompt("Enter Name: ",window.user\_photo\_name);

getPngFromSvg($("#mainSvg")[0],mainSvg.height.baseVal.value,mainSvg.width.baseVal.value,function(imgUri){

$.ajax({

url: "dataModel.aspx",

type: "POSt",

data:{

image: imgUri.replace('data:image/png;base64,', ''),

user\_photo: window.user\_photo,

user\_photo\_name: window.user\_photo\_name

},

success:function(data){

console.log(data);

if(data.indexOf("success") >=0){

window.user\_photo=data.split(":")[1];

alert("saved successfully");

}

else{

alert("problem in saving image");

}

},

error:function(err){

console.log(err.responseText);

}

});

});

}

/\*action functions\*/

function insertClipart(e){

if(!isLoaded()){

notie.alert({ text: "Choose photo first", type: 2 });

return;

}

$("#clipartModel").modal("hide");

return;

getDataUri(e.src,function(imgUri){

//console.log(imgUri);

window.tSvg=document.createElement("svg");

Snap(tSvg).image(imgUri,0,0,200,150);

ie.addSvg(tSvg);

});

}

function insertFrame(e){

if(!isLoaded()){

notie.alert({ text: "Choose photo first", type: 2 });

return;

}

$("#frameModel").modal("hide");

return;

getDataUri(e.src,function(imgUri){

//console.log(imgUri);

window.tSvg=document.createElement("svg");

Snap(tSvg).image(imgUri,0,0,200,150);

Snap(tSvg).attr({height:500,width:500,viewBox:"0 0 500 500",x:0,y:0});

ie.addSvg(tSvg);

});

}

function isLoaded(){

if($(mainSvg).data("loaded")=="1"){

return true;

}

return false;

}

function loadAssets(){

$.ajax({

url: "dataModel.aspx",

data:{

listCliparts: "true"

},

success:function(data){

window.allCliparts=JSON.parse(data);

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

for(c of allCliparts){

$("#clipartBody").append("<div class='asset-item'><img src='assets/"+c.id+".png' onclick='insertClipart(this)' data-id='"+c.id+"'></div>");

}

},

error:function(err){

console.log(err.responseText);

}

});

$.ajax({

url: "dataModel.aspx",

data:{

listFrames: "true"

},

success:function(data){

window.allFrames=JSON.parse(data);

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

for(c of allFrames){

$("#frameBody").append("<div class='asset-item'><img src='assets/"+c.id+".png' onclick='insertFrame(this)' data-id='"+c.id+"'></div>");

}

},

error:function(err){

console.log(err.responseText);

}

});

}

function onSidePanelToggle(){

if(!Boolean($(this).attr("data-on"))){

sidePanelOn();

}

else{

sidePanelOff();

}

}

function sidePanelOn(){

sidePanel.style.right="0px";

$(this).attr("data-on","true");

}

function sidePanelOff(){

sidePanel.style.right="-300px";

$(this).attr("data-on","");

}

function onUploadPhoto(){

var r=new FileReader();

r.readAsDataURL(this.files[0]);

$(this).hide();

r.onload=function(d){

var img=document.createElement("img");

img.src=d.target.result;

img.onload=function(){

window.i=img;

console.log(img.height,img.width)

ie.addBackgroundImg(d.target.result,img.height,img.width);

}

}

}

function addText(){

var pt=prompt("Insert Text");

if(!pt){

ie.addText(pt);

}

}

function addFrame(){

}

function crop(x1,y1,x2,y2){

Snap(mainSvg).attr("viewBox",""+x1+" "+y1+" "+x2+" "+y2);

resize(x2-x1,y2-y1);

}

function resize(h,w){

Snap(mainSvg).attr("height",h);

Snap(mainSvg).attr("width",w);

}

function getDataUri(url, callback) {

var image = new Image();

image.onload = function () {

var canvas = document.createElement('canvas');

canvas.width = this.naturalWidth; // or 'width' if you want a special/scaled size

canvas.height = this.naturalHeight; // or 'height' if you want a special/scaled size

canvas.getContext('2d').drawImage(this, 0, 0);

// Get raw image data

callback(canvas.toDataURL('image/png').replace(/^data:image\/(png|jpg);base64,/, ''));

// ... or get as Data URI

callback(canvas.toDataURL('image/png'));

};

image.src = url;

}

function iEditor(currSvg){

var snap=Snap(currSvg);

var rectHmdVar=null;

window.sn=snap;

var config={addSvgSize: 200};

var svgs=[];

var selectedSvg=null;

var resizing=false;

var rotating=false;

var mouseMoveElement=document;

document.onmouseup=clearMoving;

currSvg.onclick=currSvgClick;

function createDivRect(x,y,height,width,isText){

var rectXY=toRectXY(x,y);

var rect=document.createElement("div");

var lineRect=document.createElement("div");

var roundRectHmd=document.createElement("div");

var textRectHmd=document.createElement("input");

rect.id="rectHmd";

lineRect.id="lineRectHmd";

roundRectHmd.id="roundRectHmd";

textRectHmd.id="textRectHmd";

lineRect.style="background-color:#000000;height:10px;width:10px;position:absolute;bottom:-10px;right:-10px;cursor:nwse-resize";

rect.style="height: "+width+"px;width: "+height+"px;position: absolute;top: "+rectXY.y+"px;left:"+rectXY.x+"px;border: 1px solid blue;background-color:rgba(255,255,255,0.1)";

roundRectHmd.style="background-color:#000000;height:10px;width:10px;position:absolute; right:-15px; top:49%;cursor:move;border-radius:10px;";

textRectHmd.style="position:absolute; top:-26px;";

rect.appendChild(lineRect);

if(isText){

rect.appendChild(textRectHmd);

}

rect.appendChild(roundRectHmd);

//console.log(rect.style);

currSvg.parentElement.appendChild(rect);

return rect;

}

function moveRect(x,y){

var t=toRectXY(x,y);

rectHmdVar.style.left=(rectHmdVar.offsetLeft+x)+"px";

rectHmdVar.style.top=(rectHmdVar.offsetTop+y)+"px";

}

function moveRectTo(x,y){

var t=toRectXY(x,y);

rectHmdVar.style.left=(t.x)+"px";

rectHmdVar.style.top=(t.y)+"px";

}

function resizeRect(height,width){

$(rectHmdVar).height($(rectHmdVar).height()+height);

$(rectHmdVar).width($(rectHmdVar).width()+width);

}

function resizeRectTo(height,width){

$(rectHmdVar).height(height);

$(rectHmdVar).width(width);

}

function toRectXY(ax,ay){

//var pos=currSvg.getBoundingClientRect();

var cx=editArea.offsetLeft+5;

var cy=editArea.offsetTop+20;

return {x: cx +ax,y: cy+ay};

}

function clearMoving(){

this.onmousemove=null;

resizing=false;

rotating=false;

mouseMoveElement.onmousemove=null;

mouseMoveElement=document;

}

function clearAllMouseEvents(){

for(svg of svgs){

svg.onmousedown=null;

}

currSvg.onmousemove=null;

}

function setAllMouseEvents(){

for(svg of svgs){

svg.onmousedown=svgClick;

//svg.onmouseenter=svgClick;

}

}

function borderStroke(val){

return (currSvg.viewBox.baseVal.height/500) \* val;

}

function toViewBox(unit){

return unit;

return Math.ceil(currSvg.viewBox.baseVal.height\*unit/currSvg.height.baseVal.value);

}

function getCenter(){

var cy=((selectedSvg.height.baseVal.value/2) + selectedSvg.y.baseVal.value);

var cx=((selectedSvg.width.baseVal.value/2) + selectedSvg.x.baseVal.value);

return{x: cx, y: cy};

}

function angle(cx, cy, ex, ey) {

var dy = ey - cy;

var dx = ex - cx;

var theta = Math.atan2(dy, dx); // range (-PI, PI]

theta \*= 180 / Math.PI; // rads to degs, range (-180, 180]

if (theta < 0) theta = 360 + theta; // range [0, 360)

return theta;

}

function currSvgClick(){

$(rectHmdVar).remove();

selectedSvg=null;

//textToolbar.disabled=false;

currSvg.parentElement.removeAttribute("contenteditable");

}

function svgClick(e){

window.ee=e;

window.th=this;

selectedSvg=this;

var isText=false;

if(selectedSvg.getAttribute("data-type")!= "25"){

//textToolbar.disabled=true;

}

else{

//textToolbar.disabled=false;

isText=true;

//currSvg.parentElement.setAttribute("contenteditable","");

}

//selectedSvg.onmouseup=clearMoving;

if($(this).find("#rectHmd").length==0){

console.log("do");

if(rectHmdVar){

$(rectHmdVar).remove();

}

rectHmdVar=createDivRect(this.x.baseVal.value,this.y.baseVal.value,this.width.baseVal.value,this.height.baseVal.value,isText);

if(selectedSvg.rt){

//console.log("tt");

rectHmdVar.style.transform="rotate("+selectedSvg.rt+"deg)";

}

lineRectHmd=$(rectHmdVar).find("#lineRectHmd")[0];

roundRectHmd=$(rectHmdVar).find("#roundRectHmd")[0];

lineRectHmd.onmousedown=function(){

resizing=true;

}

roundRectHmd.onmousedown=function(){

rotating=true;

mouseMoveElement=currSvg;

}

if(isText){

var textRectHmd=$(rectHmdVar).find("#textRectHmd")[0];

textRectHmd.oninput=textRectHmdInputEvent;

var t=$(selectedSvg).find("text");

textRectHmd.value=t.text();

}

rectHmdVar.onmousedown=rectHmdMouseDown;

}

//currSvg.onmousemove=svgMouseMove;

}

function rectHmdMouseDown(e){

e.stopPropagation();

selectedSvg.focus();

mouseMoveElement.onmousemove=svgMouseMove;

}

function textRectHmdInputEvent(e){

iEditor.prototype.setSelectedText(this.value);

}

function svgMouseMove(e){

var xNow=toViewBox(e.movementX);

var yNow=toViewBox(e.movementY);

//console.log(e);

window.ee=e;

var c=getCenter();

//console.log(rectHmdVar);

if(resizing){

selectedSvg.height.baseVal.value+=yNow;

selectedSvg.width.baseVal.value+=xNow;

resizeRectTo(selectedSvg.height.baseVal.value,selectedSvg.width.baseVal.value);

if(selectedSvg.rt){

selectedSvg.parentElement.setAttribute("transform","rotate("+selectedSvg.rt+","+c.x+","+c.y+")");

}

}

else if(rotating){

var c=getCenter();

//console.log("deg",angle(c.x,c.y,e.offsetX,e.offsetY));

var cx=editArea.offsetLeft;

var cy=editArea.offsetTop;

var rt=Math.ceil(angle(c.x,c.y,e.offsetX ,e.offsetY));

iEditor.prototype.rotateSelected(rt);

}

else{

//console.log(toViewBox(e.movementX) + " "+ e.movementX);

selectedSvg.x.baseVal.value+= Math.ceil(xNow);

selectedSvg.y.baseVal.value+= Math.ceil(yNow);

moveRectTo(selectedSvg.x.baseVal.value,selectedSvg.y.baseVal.value);

if(selectedSvg.rt){

selectedSvg.parentElement.setAttribute("transform","rotate("+selectedSvg.rt+","+c.x+","+c.y+")");

}

}

}

iEditor.prototype.addBackgroundImg=function(src,height,width){

$(currSvg).data("loaded","1");

window.te=snap.image(src,0,0,width,height);

snap.attr({viewBox:"0 0 "+width+" "+height,height:height,width:width});

}

iEditor.prototype.addImg=function(src,height,width){

var g=Snap(currSvg).g();

var te=snap.image(src,0,0,width,height);

g.node.appendChild(te)

svgs.push(te);

setAllMouseEvents();

}

iEditor.prototype.addSvg=function(svg){

svg.removeAttribute("id");

svg.removeAttribute("xmlns");

svg.setAttribute("preserveAspectRatio","none");

var g=Snap(currSvg).g();

g.node.appendChild(svg)

svgs.push(svg);

setAllMouseEvents();

}

iEditor.prototype.addText1=function(text){

var cSvg=snap.svg(400,400,50,50,0,0,500,60);

window.txt=cSvg.text(0,45,text).attr({"font-size":"50","id":"txtHmd","font-family":"LKLUG"});

txt.node.style.cursor="pointer";

cSvg.node.width.baseVal.value=txt.getBBox().width;

cSvg.node.height.baseVal.value=txt.getBBox().height;

cSvg.attr({viewBox: "0 0 "+txt.getBBox().width+" 60","preserveAspectRatio":"none","data-type":"25"});

svgs.push(cSvg.node);

//setAllMouseEvents();

}

iEditor.prototype.allSvgs=function(){

return svgs;

}

iEditor.prototype.deleteSelected=function(){

if(selectedSvg){

selectedSvg.remove();

}

currSvgClick();

}

iEditor.prototype.selected=function(){

return selectedSvg;

}

iEditor.prototype.selectedMoveTop=function(){

if(selectedSvg){

if($(currSvg).children("g").length >1){

if($(selectedSvg).parent().next("g").length == 1){

$(selectedSvg).parent().next("g").after($(selectedSvg).parent());

}

}

}

}

iEditor.prototype.selectedMoveBottom=function(){

if(selectedSvg){

if($(currSvg).children("g").length >1){

if($(selectedSvg).parent().prev("g").length == 1){

$(selectedSvg).parent().prev("g").before($(selectedSvg).parent());

}

}

}

}

iEditor.prototype.rectHmdVar=function(){

return rectHmdVar;

}

iEditor.prototype.addSvgData=function(svgData){

var temp=document.createElement("div");

temp.innerHTML=svgData;

var svg=temp.getElementsByTagName("svg")[0];

svg.removeAttribute("id");

svg.removeAttribute("xmlns");

svg.setAttribute("preserveAspectRatio","none");

var g=Snap(currSvg).g();

g.node.appendChild(svg)

//currSvg.appendChild(svg);

svgs.push(svg);

setAllMouseEvents();

}

iEditor.prototype.clearEvents=function(){

clearAllMouseEvents();

}

iEditor.prototype.setEvents=function(){

setAllMouseEvents();

}

iEditor.prototype.rotateSelected=function(deg){

if(!rectHmd){

return;

}

var c=getCenter();

rectHmd.style.transform="rotate("+deg+"deg)";

selectedSvg.parentElement.setAttribute("transform","rotate("+deg+","+c.x+","+c.y+")");

selectedSvg.rt=deg;

}

iEditor.prototype.setSelectedText=function(text){

var t=$(selectedSvg).find("text");

t.text(text);

setTimeout(function(){

var tp=t.parent()[0];

tp.width.baseVal.value=t[0].getBBox().width;

t.parent().attr({viewBox: "0 0 "+t[0].getBBox().width+" 60"});

resizeRectTo(selectedSvg.height.baseVal.value,selectedSvg.width.baseVal.value);

},100);

}

iEditor.prototype.addText=function(text){

var g=Snap(currSvg).g();

var cSvg=g.svg(0,0,50,50,0,0,500,60);

window.txt=cSvg.text(0,45,text).attr({"font-size":"50","id":"txtHmd","font-family":"LKLUG"});

txt.node.style.cursor="pointer";

cSvg.node.width.baseVal.value=txt.getBBox().width;

cSvg.node.height.baseVal.value=txt.getBBox().height;

cSvg.attr({viewBox: "0 0 "+txt.getBBox().width+" 60","preserveAspectRatio":"none","data-type":"25"});

svgs.push(cSvg.node);

setAllMouseEvents();

}

iEditor.prototype.addTextAsDiv=function(text){

var txt=document.createElementNS("http://www.w3.org/2000/svg","foreignObject");

txt.id="tHmd";

var txtDiv=document.createElement("div");

txtDiv.setAttribute("contenteditable","");

txtDiv.style.fontSize="50px";

txtDiv.innerHTML=text;

txt.appendChild(txtDiv);

var g=Snap(currSvg).g();

//var cSvg=g.svg(400,400,50,50,0,0,500,60);

//window.txt=cSvg.text(0,45,text).attr({"font-size":"50","id":"txtHmd","font-family":"LKLUG"});

//cSvg.node.appendChild(txt);

txt.style.cursor="pointer";

//cSvg.node.width.baseVal.value=txt.getBBox().width;

//cSvg.node.height.baseVal.value=txt.getBBox().height;

//cSvg.attr({viewBox: "0 0 "+txt.getBBox().width+" 60","preserveAspectRatio":"none","data-type":"25"});

Snap(txt).attr({x:400,y:400,height:50,width:100});

g.node.appendChild(txt);

svgs.push(txt);

setAllMouseEvents();

}

iEditor.prototype.setSelectedFont=function(fontName){

var t=Snap($(selectedSvg).find("text")[0]);

t.attr("font-family", fontName);

setTimeout(function(){

t.parent().attr({viewBox: "0 0 "+t.getBBox().width+" 60"});

},100);

}

iEditor.prototype.setOpacity=function(per){

Snap(selectedSvg).attr("opacity",per/100);

}

iEditor.prototype.getOpacity=function(){

return Snap(selectedSvg).attr("opacity")\*100;

}

iEditor.prototype.setSelectedColor=function(cl){

var t=$(selectedSvg).find("text").attr("fill", cl);

}

iEditor.prototype.makeCopy=function(){

if(selectedSvg){

window.t=selectedSvg.cloneNode(true);

iEditor.prototype.addSvg(t);

selectedSvg.x.baseVal.value+= 20;

selectedSvg.y.baseVal.value+= 20;

}

}

}

function getPngFromSvg(currSvg,h,w,onDone){

var newSvg=currSvg.cloneNode(true);

var pngCanvas=document.createElement("canvas");

window.can=pngCanvas;

newSvg.setAttribute("height",h+"px");

newSvg.setAttribute("width",w+"px");

pngCanvas.setAttribute("height",h+"px");

pngCanvas.setAttribute("width",w+"px");

var svgString = new XMLSerializer().serializeToString(newSvg);

var ctx = pngCanvas.getContext("2d");

var DOMURL = self.URL || self.webkitURL || self;

var img = new Image();

var svg = new Blob([svgString], {type: "image/svg+xml;charset=utf-8"});

var url = DOMURL.createObjectURL(svg);

img.src = url;

img.onload=function(){

ctx.drawImage(img, 0, 0);

var png = pngCanvas.toDataURL("image/png");

DOMURL.revokeObjectURL(url);

onDone(png);

}

}

function triggerDownload (imgURI,name) {

var evt = new MouseEvent('click', {

view: window,

bubbles: false,

cancelable: true

});

var a = document.createElement('a');

a.setAttribute('download', name+'.png');

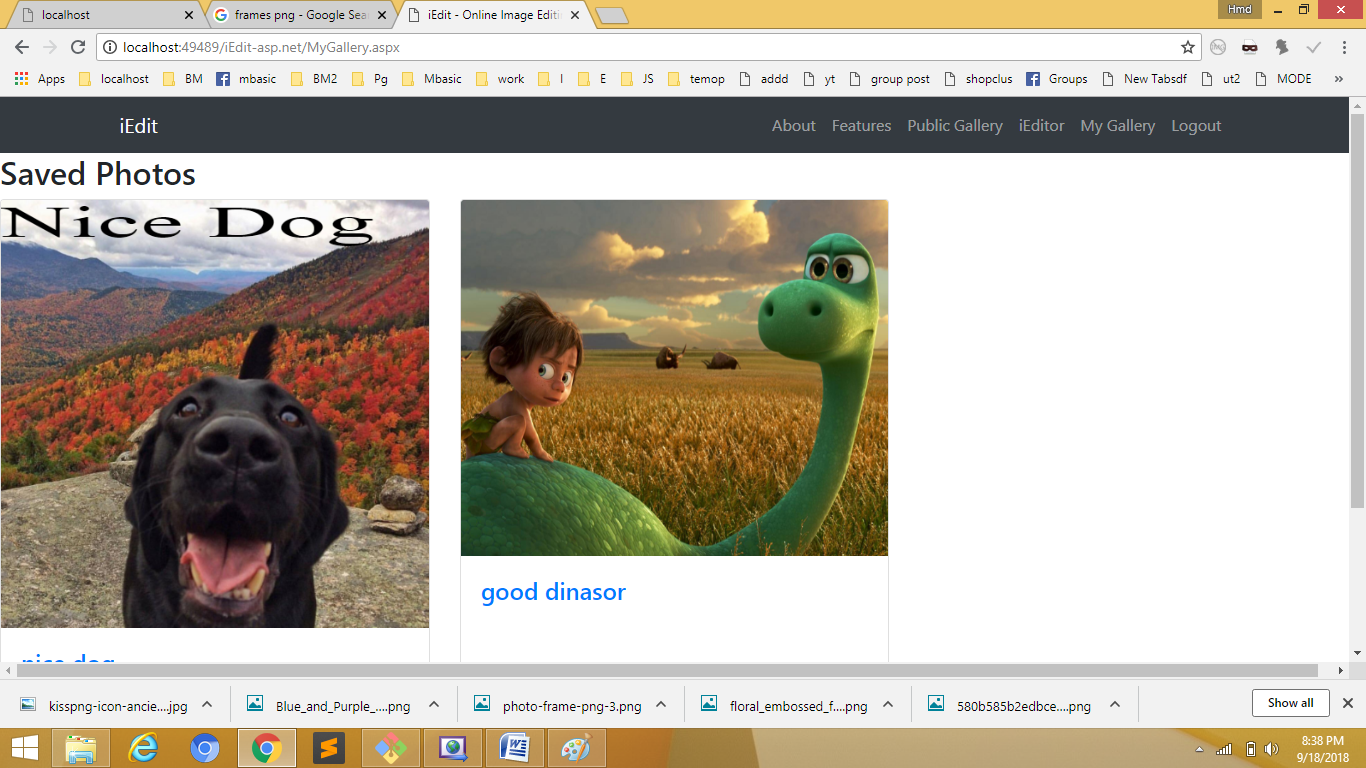
a.setAttribute('href', imgURI);

a.setAttribute('target', '\_blank');

a.dispatchEvent(evt);

}

My Gallery:



**Description:**

My gallery shows photos edited by user who is loged in. It is user’s gallery.

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Front.master" AutoEventWireup="false" CodeFile="MyGallery.aspx.vb" Inherits="Default5" %>

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

</asp:Content>

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

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

<h2>Saved Photos</h2>

<asp:Label ID="divPhotos" runat="server" CssClass="row" Text=""></asp:Label>

</form>

</asp:Content>

Backend Code:

Partial Class Default5

Inherits System.Web.UI.Page

Dim db As New Database()

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

Dim ds As New Data.DataSet()

db.FillDs("select \* from user\_photos where user\_id='" & Session("userLogged") & "'", "user\_photos", ds)

Dim tbl = ds.Tables("user\_photos")

For Each dr As Data.DataRow In tbl.Rows

divPhotos.Text &= "<div class='col-lg-4 col-sm-6 portfolio-item'><div class='card h-100'><a href='#'><img class='card-img-top' src='user\_photos/" & dr.Item("id") & ".png' alt=''></a><div class='card-body'><h4 class='card-title'><a href='#'>" & dr.Item("name") & "</a></h4></div></div></div>"

Next

End Sub

End Class

**AdminSide Interfaces**

Master Page for Admin

<%@ Master Language="VB" CodeFile="Admin.master.vb" Inherits="Admin\_Admin" %>

<!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">

<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">

<title>Admin-pEdit</title>

<!-- Bootstrap core CSS -->

<link href="../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

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

<script src="../vendor/bootstrap/js/bootstrap.min.js"></script>

<!-- Custom styles for this template -->

<link href="dashboard.css" rel="stylesheet">

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

</asp:ContentPlaceHolder>

</head>

<body>

<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="#">pEdit 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">

Dashboard

</a>

</li>

<li class="nav-item">

<a class="nav-link" href="Users.aspx">

Users

</a>

</li>

<li class="nav-item">

<a class="nav-link" href="UserPhotos.aspx">

User Photos

</a>

</li>

<li class="nav-item">

<a class="nav-link" href="Cliparts.aspx">

Cliparts

</a>

</li>

<li class="nav-item">

<a class="nav-link" href="Frames.aspx">

Frames

</a>

</li>

</ul>

</div>

</nav>

<main role="main" class="col-md-9 ml-sm-auto col-lg-10 pt-3 px-4">

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

</asp:ContentPlaceHolder>

</main>

</div>

</div>

</body>

</html>

Common Backend Page for Admin side(dataModel.aspx)

Imports System.IO

Partial Class Admin\_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("listAssets") <> "" Then

Dim type = Request.Params("type")

Dim res = db.sqlQueryJson("select \* from assets where type='" & type & "'")

Response.Write(res)

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

Dim type = Request.Params("type")

Dim name = Request.Params("name")

Dim fileData = Request.Params("imageData")

Dim nextId = db.nextId("assets", "id")

Dim path = HttpContext.Current.Server.MapPath("../assets")

Dim filename = path & "/" & Str(nextId).Trim & ".png"

If Not WriteFile(filename, fileData) Then

Response.Write("fileerror")

Return

End If

Dim res = db.dbNonQuery("insert into assets (id,name,type) values (" & nextId & ",'" & name & "','" & type & "')")

If res Then

Response.Write("success")

Else

Response.Write("error")

End If

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

Dim type = Request.Params("type")

Dim name = Request.Params("name")

Dim fileData = Request.Params("imageData")

Dim id = Request.Params("id")

Dim path = HttpContext.Current.Server.MapPath("../assets")

Dim filename = path & "/" & id.Trim & ".png"

If Not fileData = "no" Then

If Not WriteFile(filename, fileData) Then

Response.Write("fileerror")

Return

End If

End If

Dim res = db.dbNonQuery("update assets set name='" & name & "', type='" & type & "' where id=" & id)

If res Then

Response.Write("success")

Else

Response.Write("error")

End If

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

Dim id = Request.Params("id")

Dim res = db.dbNonQuery("delete from assets where id=" & id)

If res Then

Response.Write("success")

Else

Response.Write("error")

End If

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

Dim res = db.sqlQueryJson("select \* from users")

Response.Write(res)

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

Dim res = db.sqlQueryJson("select id,name,(select username from users where id=user\_photos.user\_id) as username from user\_photos")

Response.Write(res)

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

Dim userId = Request.Params("userStatusChange")

Dim status = Request.Params("status")

Dim res = db.dbNonQuery("update users set status=" & status & " where id=" & userId)

If res Then

Response.Write("success")

Else

Response.Write("error")

End If

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

Response.Write(db.dbNonQuery("delete from user\_photos where id=" & Request.Params("deleteUserPhoto")))

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

End If

End Sub

Function WriteFile(ByVal filename As String, ByVal fileData As String) As Boolean

Try

Dim fs As New FileStream(filename, FileMode.Create)

Dim br As New BinaryWriter(fs)

Dim data = Convert.FromBase64String(fileData)

br.Write(data)

br.Close()

Return True

Catch ex As Exception

MsgBox(ex.Message)

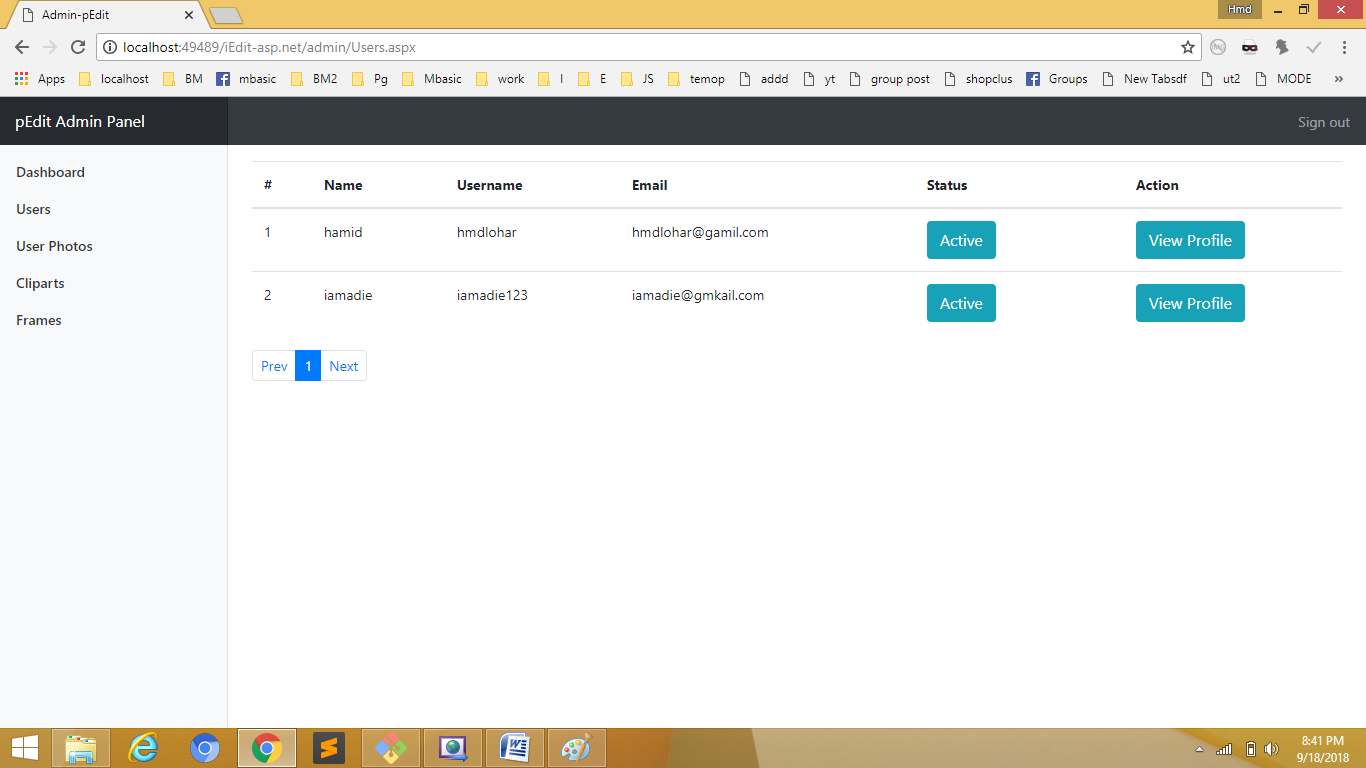
Return False

End Try

End Function

End Class

Users List



**Description:**

Here admin can see user’s list and can change status of users.

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Admin/Admin.master" AutoEventWireup="false" CodeFile="Users.aspx.vb" Inherits="Admin\_Default" %>

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

</asp:Content>

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

<table class="table table-candenced">

<thead style="background:white">

<tr>

<th># </th>

<th>Name</th>

<th>Username</th>

<th>Email</th>

<th>Status</th>

<th width="20%">Action</th>

</tr>

</thead>

<tbody id="acListBody">

</tbody>

</table>

<div id="result"></div>

<ul class="pagination pagination-sm" id="pagination">

<li class="page-item"><a class="page-link" href="#" onclick="dataPrev()">Previous</a></li>

<li class="page-item"><a class="page-link" href="#" onclick="dataNext()">Next</a></li>

</ul>

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

</asp:Content>

Backend JS Code(js/userManage.js):

window.listStart = 0;

window.listEnd = 20;

$(document).ready(function () {

loadData();

});

function addDialog() {

$("#addDialog").show(500);

$("#assetName").val("");

$("#inputFile").val("");

$("#modelImage")[0].src="";

}

function updateDialog(e) {

allTds = $(e).parents("tr").eq(0).children();

$("#id1").val(allTds[0].innerHTML);

$("#name1").val(allTds[1].innerHTML);

$("#modelImage1")[0].src = $(allTds[2]).find("img")[0].src;

$("#updateDialog").show(500);

}

function loadIntoTable(jData,start,end) {

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

for (var i = start; i < end; i++) {

if(i>=jData.length){

break;

}

var status ;

if (jData[i].status == 1) {

status = "<button class='btn btn-info' style='margin-right:20px;' data-status='"+jData[i].status+"' onclick='toggleRequest(this,"+jData[i].id+")' onmouseover='statusToggle(this)'>Active</button>";

}

else {

status = "<button class='btn btn-info' style='margin-right:20px;' data-status='" + jData[i].status + "' onclick='toggleRequest(this," + jData[i].id + ")' onmouseover='statusToggle(this)'>Banned</button>";

}

$("#acListBody").append('<tr> \

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

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

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

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

<td>' + status + '</td>\

<td>'

+ "<a class='btn btn-info' style='margin-right:20px;' href='UserProfile.aspx?username=" + jData[i].username + "' >View Profile</a>" +

'</td>\

</tr>');

}

}

function dataNext() {

if (listEnd + 20 < jData.length) {

$(".page-item").removeClass("active");

listEnd += 20;

listStart += 20;

loadIntoTable(jData, listStart, listEnd);

$(".page-item").eq((listStart / 20)+1).addClass("active");

}

}

function dataPrev() {

if (listStart - 20 >= 0) {

$(".page-item").removeClass("active");

listEnd -= 20;

listStart -= 20;

loadIntoTable(jData, listStart, listEnd);

$(".page-item").eq((listStart / 20)+1).addClass("active");

}

}

function dataNum(num, e) {

if (e) {

$(".page-item").removeClass("active");

$(e).parent().addClass("active");

}

if (num \* 20 >= 0 || num \* 20 < jData.length) {

listStart = num \* 20;

listEnd = listStart + 20;

loadIntoTable(jData, listStart, listEnd);

}

}

function applyPagination(len) {

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

$("#pagination").append('<li class="page-item"><a class="page-link" href="#" onclick="dataPrev()">Prev</a></li>');

for (var i = 0; i < len; i += 20) {

$("#pagination").append('<li class="page-item"><a class="page-link" href="#" onclick="dataNum(' + (i / 20) + ',this)">' + ((i / 20)+1) + '</a></li>');

}

$("#pagination").append('<li class="page-item"><a class="page-link" href="#" onclick="dataNext()">Next</a></li>');

$(".page-item").eq((listStart / 20) + 1).addClass("active");

}

function loadData() {

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: { listUsers: "yes" },

success: function (data) {

window.jData = JSON.parse(data);

loadIntoTable(jData, listStart, listEnd);

applyPagination(jData.length);

},

error: function () {

alert("Problem with request");

}

});

}

function toggleRequest(e,id) {

var st = parseInt($(e).attr("data-status"));

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: { userStatusChange: id, status: (st + 1) % 2 },

success: function (data) {

if (data == "success") {

loadData();

}

else {

alert("cant change status");

console.log(data);

}

},

error: function () {

alert("Problem with request");

}

});

}

function statusToggle(e) {

e.onmouseout = statusToggleOut;

var st = parseInt($(e).attr("data-status"));

if (st == 0) {

$(e).text("Active It");

}

else {

$(e).text("Ban It");

}

}

function statusToggleOut() {

var st = parseInt($(this).attr("data-status"));

if (st == 1) {

$(this).text("Active");

}

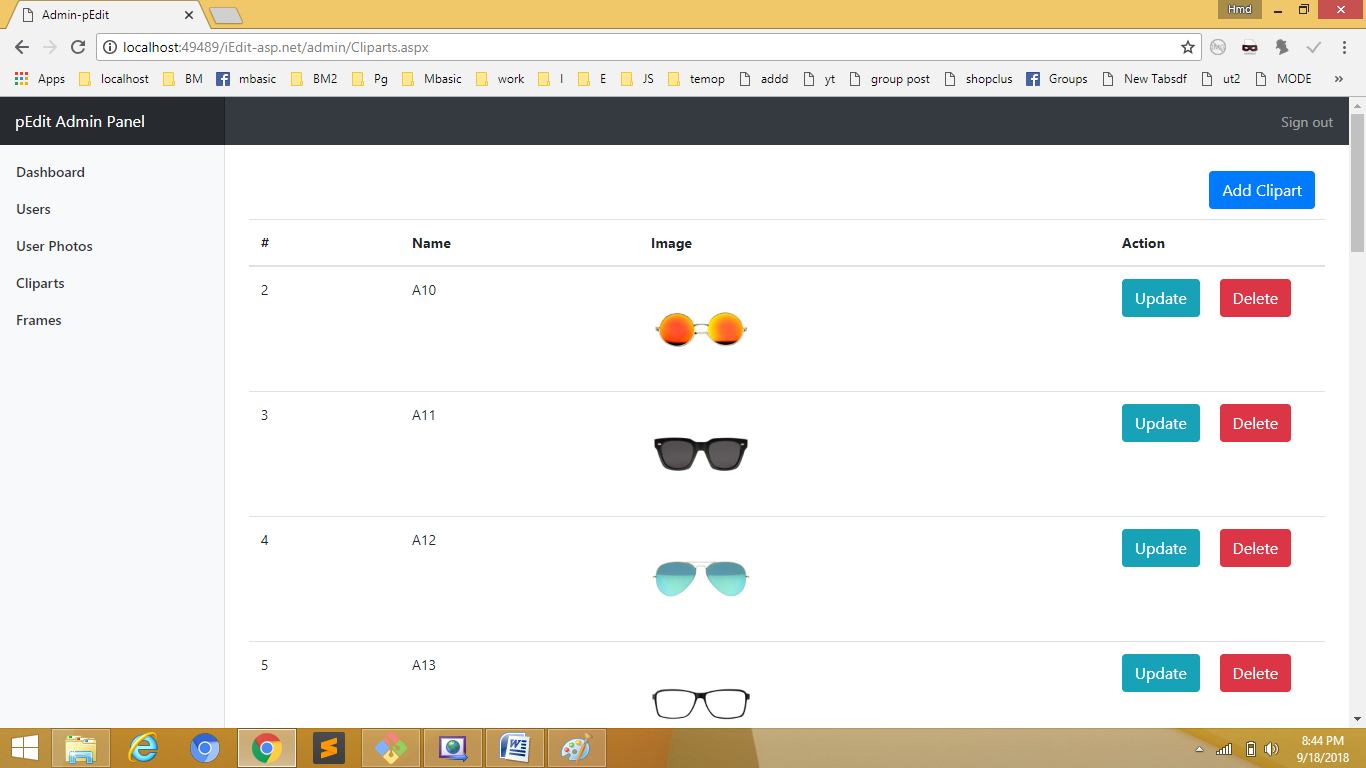
else {

$(this).text("Banned");

}

}

Clipart List



**Description:**

This is clipart management page. Here admin can add, update or delete cliparts easily using advance Ajax interface which provide better experience.

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Admin/Admin.master" AutoEventWireup="false" CodeFile="Cliparts.aspx.vb" Inherits="Admin\_Default" %>

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

</asp:Content>

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

<div class="row">

<div class="col">

<button class="btn btn-primary" type="button" style="margin:10px;float:right;" onclick="addDialog()">Add Clipart</button>

</div>

</div>

<table class="table table-candenced">

<thead style="background:white">

<tr>

<th># </th>

<th>Name</th>

<th>Image</th>

<th width="20%">Action</th>

</tr>

</thead>

<tbody id="acListBody">

</tbody>

</table>

<div id="result"></div>

<div class="container add-ac" id="addDialog" style="display:none">

<div class="close-btn btn btn-primary" onclick="$(this).parent().hide(500)" >

X

</div>

<table class="table">

<tr>

<td>Name: </td>

<td><input type="text" name="name" class="form-control" id="assetName"> </td>

</tr>

<tr>

<td>Image:</td>

<td>

<input type="file" name="file" class="form-control" id="inputFile" />

<br /><br />

<img src="" id="modelImage" height=100 width=100/>

</td>

</tr>

<tr>

<td></td>

<input type="hidden" name="type" value="clipart" id="assetType">

<td><input type="button" name="add" value="Submit" id="addBtn" class="btn btn-primary"> </td>

</tr>

</table>

</div>

<div class="container add-ac" id="updateDialog" style="display:none">

<div class="close-btn btn btn-primary" onclick="$(this).parent().hide(500)" >

X

</div>

<table class="table">

<tr>

<td>Name: </td>

<td><input type="text" name="name" class="form-control" id="name1"> </td>

</tr>

<tr>

<td>Image:</td>

<td>

<input type="file" name="file" class="form-control" id="inputFile1" />

<br /><br />

<img src="" id="modelImage1" height=100 width=100/>

</td>

</tr>

<tr>

<td></td>

<input type="hidden" name="id" value="clipart" id="id1">

<input type="hidden" name="type" value="clipart" id="type1">

<td><input type="button" name="add" value="Update" id="updateBtn" class="btn btn-primary"> </td>

</tr>

</table>

</div>

<ul class="pagination pagination-sm" id="pagination">

<li class="page-item"><a class="page-link" href="#" onclick="dataPrev()">Previous</a></li>

<li class="page-item"><a class="page-link" href="#" onclick="dataNext()">Next</a></li>

</ul>

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

</asp:Content>

Backend JS Code:

window.listStart = 0;

window.listEnd = 20;

$(document).ready(function () {

loadData();

$("#addBtn").click(function () {

addAssetFunction();

});

$("#updateBtn").click(function () {

updateAssetFunction();

});

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

loadModelImage(this);

});

$("#inputFile1").change(function () {

loadModelImage(this);

});

});

function addDialog() {

$("#addDialog").show(500);

$("#assetName").val("");

$("#inputFile").val("");

$("#modelImage")[0].src="";

}

function updateDialog(e) {

allTds = $(e).parents("tr").eq(0).children();

$("#id1").val(allTds[0].innerHTML);

$("#name1").val(allTds[1].innerHTML);

$("#modelImage1")[0].src = $(allTds[2]).find("img")[0].src;

$("#updateDialog").show(500);

}

function loadIntoTable(jData,start,end) {

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

for (var i = start; i < end; i++) {

if(i>=jData.length){

break;

}

$("#acListBody").append('<tr> \

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

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

<td> <img src="../assets/' + jData[i].id + '.png?' + Date.now() + '" height=100> </td>\

<td>'

+ "<button class='btn btn-info' style='margin-right:20px;' onclick='updateDialog(this)'>Update </button>"

+ "<button class='btn btn-danger' onclick='deleteAssetFunction(" + jData[i].id + ")'>Delete </button>" +

'</td>\

</tr>');

}

}

function dataNext() {

if (listEnd + 20 < jData.length) {

$(".page-item").removeClass("active");

listEnd += 20;

listStart += 20;

loadIntoTable(jData, listStart, listEnd);

$(".page-item").eq((listStart / 20)+1).addClass("active");

}

}

function dataPrev() {

if (listStart - 20 >= 0) {

$(".page-item").removeClass("active");

listEnd -= 20;

listStart -= 20;

loadIntoTable(jData, listStart, listEnd);

$(".page-item").eq((listStart / 20)+1).addClass("active");

}

}

function dataNum(num, e) {

if (e) {

$(".page-item").removeClass("active");

$(e).parent().addClass("active");

}

if (num \* 20 >= 0 || num \* 20 < jData.length) {

listStart = num \* 20;

listEnd = listStart + 20;

loadIntoTable(jData, listStart, listEnd);

}

}

function applyPagination(len) {

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

$("#pagination").append('<li class="page-item"><a class="page-link" href="#" onclick="dataPrev()">Prev</a></li>');

for (var i = 0; i < len; i += 20) {

$("#pagination").append('<li class="page-item"><a class="page-link" href="#" onclick="dataNum(' + (i / 20) + ',this)">' + ((i / 20)+1) + '</a></li>');

}

$("#pagination").append('<li class="page-item"><a class="page-link" href="#" onclick="dataNext()">Next</a></li>');

$(".page-item").eq((listStart / 20) + 1).addClass("active");

}

function loadData() {

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: { listAssets: "yes", type: $("#assetType").val() },

success: function (data) {

window.jData = JSON.parse(data);

loadIntoTable(jData, listStart, listEnd);

applyPagination(jData.length);

},

error: function () {

alert("Problem with request");

}

});

}

function addRequest(imgUri) {

if ($("#assetName").val() == "") {

alert("Enter Name");

return;

}

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

"addAsset": "true",

"name": $("#assetName").val(),

"type": $("#assetType").val(),

"imageData": imgUri

},

success: function (data) {

console.log(data);

if (data == "success") {

loadData();

$("#addDialog").hide(500);

}

else {

alert("Error occured: ", data);

}

},

error: function (err) {

console.log("er: ", err.responseText)

}

});

}

function deleteAssetFunction(id) {

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

"deleteAsset": true,

id: id

},

success: function (data) {

console.log(data);

if (data == "success") {

loadData();

}

else {

alert("Error occured: ", data);

}

},

error: function (err) {

console.log("er: ", err)

}

});

}

function updateRequest(imgUri) {

if ($("#name1").val() == "") {

alert("Enter Name");

return;

}

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: {

"updateAsset": "true",

"name": $("#name1").val(),

"type": $("#type1").val(),

"imageData": imgUri,

"id": $("#id1").val()

},

success: function (data) {

console.log(data);

if (data == "success") {

loadData();

$("#updateDialog").hide(500);

}

else {

alert("Error occured: "+ data);

}

},

error: function (err) {

console.log("er: ", err)

}

});

}

function addAssetFunction() {

var r = new FileReader();

r.readAsDataURL($("#inputFile")[0].files[0]);

$(this).hide();

r.onload = function (d) {

addRequest(d.target.result.replace('data:image/png;base64,', ''));

}

}

function loadModelImage(e) {

var r = new FileReader();

r.readAsDataURL(e.files[0]);

r.onload = function (d) {

$("#modelImage")[0].src = d.target.result;

$("#modelImage1")[0].src = d.target.result;

}

}

function updateAssetFunction() {

if ($("#inputFile1").val()=="") {

updateRequest("no");

return;

}

var r = new FileReader();

r.readAsDataURL($("#inputFile1")[0].files[0]);

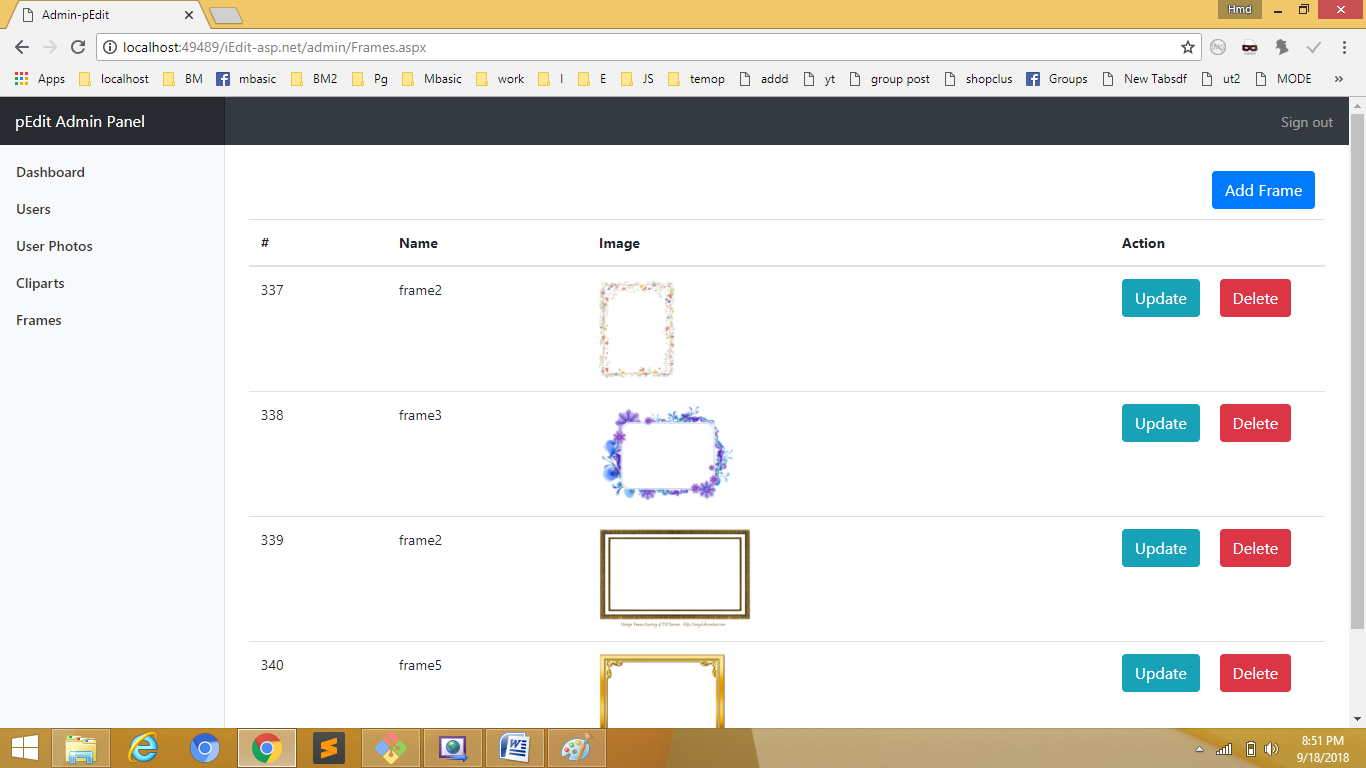
r.onload = function (d) {

updateRequest(d.target.result.replace('data:image/png;base64,', ''));

}

}

Frames list:



**Description:**

This is Frame management page. Here admin can add, update or delete Frame easily using advance Ajax interface which provide better experience.

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Admin/Admin.master" AutoEventWireup="false" CodeFile="Frames.aspx.vb" Inherits="Admin\_Default" %>

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

</asp:Content>

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

<div class="row">

<div class="col">

<button class="btn btn-primary" type="button" style="margin:10px;float:right;" onclick="addDialog()">Add Frame</button>

</div>

</div>

<table class="table table-candenced">

<thead style="background:white">

<tr>

<th># </th>

<th>Name</th>

<th>Image</th>

<th width="20%">Action</th>

</tr>

</thead>

<tbody id="acListBody">

</tbody>

</table>

<div id="result"></div>

<div class="container add-ac" id="addDialog" style="display:none">

<div class="close-btn btn btn-primary" onclick="$(this).parent().hide(500)" >

X

</div>

<table class="table">

<tr>

<td>Name: </td>

<td><input type="text" name="name" class="form-control" id="assetName"> </td>

</tr>

<tr>

<td>Image:</td>

<td>

<input type="file" name="file" class="form-control" id="inputFile" />

<br /><br />

<img src="" id="modelImage" height=100 width=100/>

</td>

</tr>

<tr>

<td></td>

<input type="hidden" name="type" value="frame" id="assetType">

<td><input type="button" name="add" value="Submit" id="addBtn" class="btn btn-primary"> </td>

</tr>

</table>

</div>

<div class="container add-ac" id="updateDialog" style="display:none">

<div class="close-btn btn btn-primary" onclick="$(this).parent().hide(500)" >

X

</div>

<table class="table">

<tr>

<td>Name: </td>

<td><input type="text" name="name" class="form-control" id="name1"> </td>

</tr>

<tr>

<td>Image:</td>

<td>

<input type="file" name="file" class="form-control" id="inputFile1" />

<br /><br />

<img src="" id="modelImage1" height=100 width=100/>

</td>

</tr>

<tr>

<td></td>

<input type="hidden" name="id" id="id1">

<input type="hidden" name="type" value="frame" id="type1">

<td><input type="button" name="add" value="Update" id="updateBtn" class="btn btn-primary"> </td>

</tr>

</table>

</div>

<ul class="pagination pagination-sm" id="pagination">

<li class="page-item"><a class="page-link" href="#" onclick="dataPrev()">Previous</a></li>

<li class="page-item"><a class="page-link" href="#" onclick="dataNext()">Next</a></li>

</ul>

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

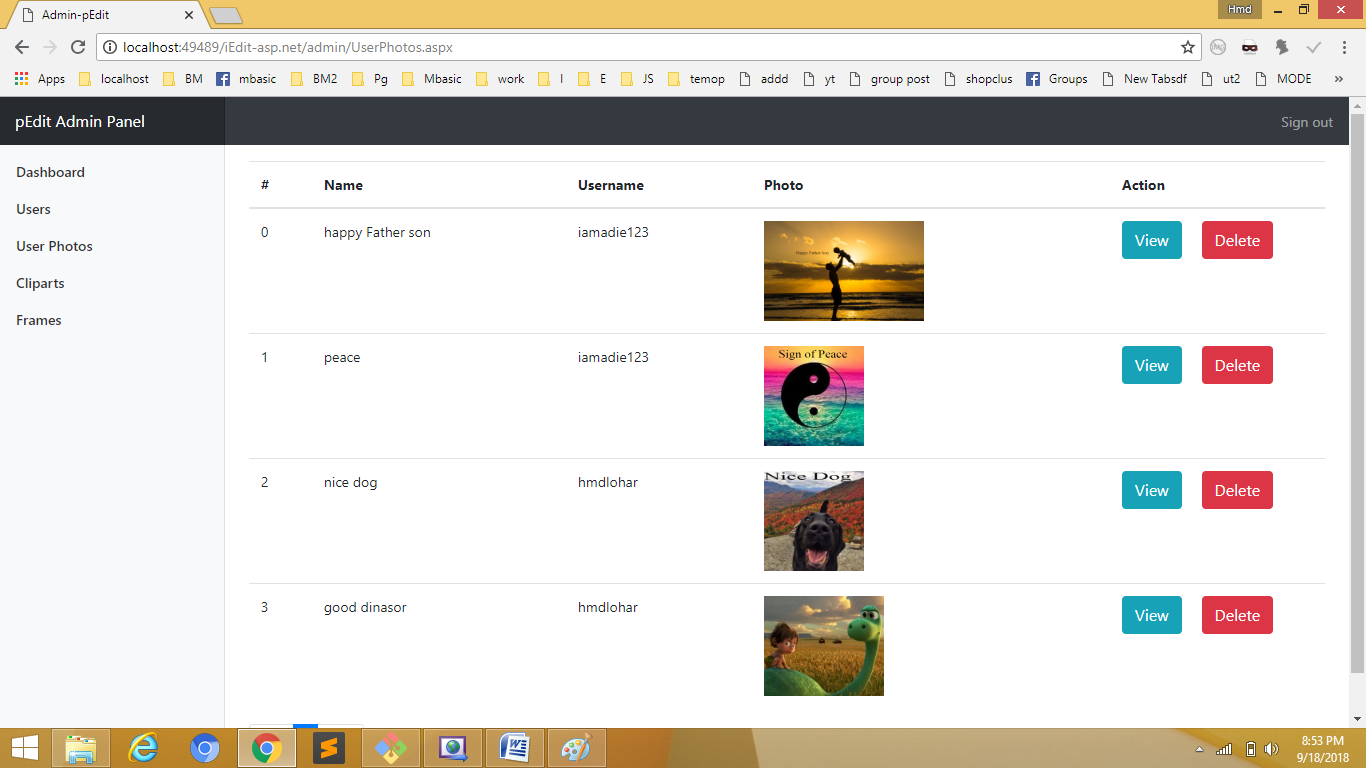
</asp:Content>

Backend JS Code:

Same file for clipart backend js code. (js/assetManage.js)

Already Included in this Document

User Photos List Page



**Description:**

Here admin can view photos edited by user. Admin can also delete their photos from here.

Code:

<%@ Page Title="" Language="VB" MasterPageFile="~/Admin/Admin.master" AutoEventWireup="false" CodeFile="UserPhotos.aspx.vb" Inherits="Admin\_Default" %>

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

</asp:Content>

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

<table class="table table-candenced">

<thead style="background:white">

<tr>

<th># </th>

<th>Name</th>

<th>Username</th>

<th>Photo</th>

<th width="20%">Action</th>

</tr>

</thead>

<tbody id="acListBody">

</tbody>

</table>

<div id="result"></div>

<ul class="pagination pagination-sm" id="pagination">

<li class="page-item"><a class="page-link" href="#" onclick="dataPrev()">Previous</a></li>

<li class="page-item"><a class="page-link" href="#" onclick="dataNext()">Next</a></li>

</ul>

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

</asp:Content>

Backend JS code: (js/userPhotosManage.js)

window.listStart = 0;

window.listEnd = 20;

$(document).ready(function () {

loadData();

});

function addDialog() {

$("#addDialog").show(500);

$("#assetName").val("");

$("#inputFile").val("");

$("#modelImage")[0].src="";

}

function updateDialog(e) {

allTds = $(e).parents("tr").eq(0).children();

$("#id1").val(allTds[0].innerHTML);

$("#name1").val(allTds[1].innerHTML);

$("#modelImage1")[0].src = $(allTds[2]).find("img")[0].src;

$("#updateDialog").show(500);

}

function loadIntoTable(jData,start,end) {

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

for (var i = start; i < end; i++) {

if(i>=jData.length){

break;

}

var status ;

$("#acListBody").append('<tr> \

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

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

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

<td> <img src="../user\_photos/' + jData[i].id + '.png" height=100></td>\

<td>'

+ "<a class='btn btn-info' style='margin-right:20px;' href='#' >View</a>"

+ "<a class='btn btn-danger' style='margin-right:20px;' href='#' onclick='deleteUserPhoto(" + jData[i].id + ")' >Delete</a>" +

'</td>\

</tr>');

}

}

function dataNext() {

if (listEnd + 20 < jData.length) {

$(".page-item").removeClass("active");

listEnd += 20;

listStart += 20;

loadIntoTable(jData, listStart, listEnd);

$(".page-item").eq((listStart / 20)+1).addClass("active");

}

}

function dataPrev() {

if (listStart - 20 >= 0) {

$(".page-item").removeClass("active");

listEnd -= 20;

listStart -= 20;

loadIntoTable(jData, listStart, listEnd);

$(".page-item").eq((listStart / 20)+1).addClass("active");

}

}

function dataNum(num, e) {

if (e) {

$(".page-item").removeClass("active");

$(e).parent().addClass("active");

}

if (num \* 20 >= 0 || num \* 20 < jData.length) {

listStart = num \* 20;

listEnd = listStart + 20;

loadIntoTable(jData, listStart, listEnd);

}

}

function applyPagination(len) {

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

$("#pagination").append('<li class="page-item"><a class="page-link" href="#" onclick="dataPrev()">Prev</a></li>');

for (var i = 0; i < len; i += 20) {

$("#pagination").append('<li class="page-item"><a class="page-link" href="#" onclick="dataNum(' + (i / 20) + ',this)">' + ((i / 20)+1) + '</a></li>');

}

$("#pagination").append('<li class="page-item"><a class="page-link" href="#" onclick="dataNext()">Next</a></li>');

$(".page-item").eq((listStart / 20) + 1).addClass("active");

}

function loadData() {

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: { listUserPhotos: "yes" },

success: function (data) {

window.jData = JSON.parse(data);

loadIntoTable(jData, listStart, listEnd);

applyPagination(jData.length);

},

error: function () {

alert("Problem with request");

}

});

}

function deleteUserPhoto(id) {

$.ajax({

url: "dataModel.aspx",

type: "POST",

data: { deleteUserPhoto: id },

success: function (data) {

loadData();

},

error: function () {

alert("Problem with request");

}

});

}

**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 | Login Page | Login Page |
| Register | Register Page | Register Page |
| Ieditor | Main Editor Page | Main Editor Page |
| Public Gallery | Public Gallery Page | Public Gallery Page |
| MyGallery | User’s Gallery Page | User’s gallery Page |
| **Admin Side Navigation** | | |
| Dashboard | Admin welcome page | Admin welcome page |
| Users | User management page | User management Page |
| Cliparts | Clipart Management Page | Clipart Management Page |
| Frames | Frames management page | Frames management page |
| User Photos | User Photo Management page | User Photos Mangaement 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
* **Ieditor Open Function:** It opens photo selected by user correctly
  + **Resize Function:** Resize Function works correctly
  + **Crop Function:** Crop function crop photo correctly.
  + **Text Function:** It adds Text to photo correctly.
  + **Add Clipart Function:** There is some problem with javascript. ASP.net loads image list but Function can’t insert clipart.
  + **Frame Function:** Frame function is not working properly.
* **User Management Functions:** User management functions workes perfectly. Admin can change status of user.
* **User Photo Management Function:** This function works perfectly without any error.
* **Clipart Management:** It works perfectly, admin can insert,update or delete Clipart easily from same page without reaoading.
* **Frame Mangement :** It works perfectly. admin can insert,update or delete Frames easily from same page without reaoading.

**6. Conclusion**

iEdit Image editor is good platform for users to edit their photos online without any hassel. There are many functions and features which helps users to make their photos glory. Main Back bone of iEdit is iEditor which is built using javascript and SVG. In conclusion this website is very useful for users who like to edit their photos online.

**7. Bibilography**

Libraries used:

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

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

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

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

Jquery Validator => used for form validation

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

Snap Svg => Provides Svg manuplation functions

### Ref: [Snap.svg - Home](http://snapsvg.io/)

**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 iamadie123 but you can also signup for new account.

Username: iamadie123

Password: iamadie123