



SDJ INTERNATIONAL
COLLEGE

Bachelor of Computer Applications (BCA) Programme

Project Report

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<Topic Title: iEdit(Image Editing Tool)>

by

Exam No.	Name of Student
104	Pandey Aadarsh H.

Project Guide by :
Nidhi Desai



iEdit Online Image Tool

INDEX

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 saturation, 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 Convienet 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.
 - a. Crop/Resize
 - b. Apply Effects on Image
 - c. Cliparts
 - d. Adding Frames
 - e. Adding Text
6. User should be able to save their photos on server for further use.
7. User should have security and privacy for their uploaded photos.

2.2 Requirement Analysis.

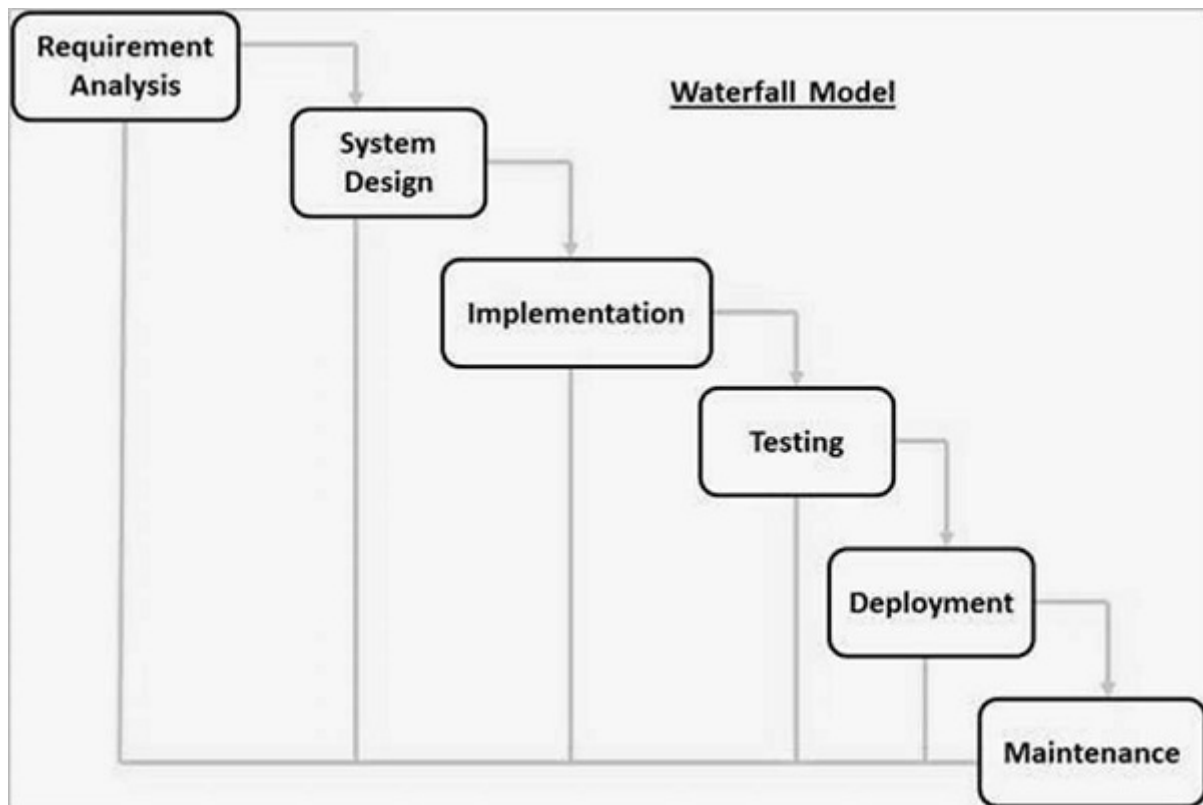
After Analyzing requirements gathered above We can satisfy all of above requirements.



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.

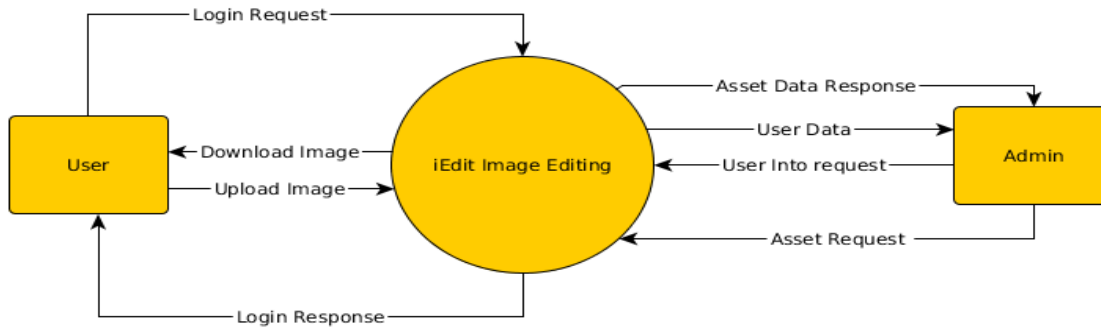
Project Title	iEdit(Online Image Editing Tool)
Project Objective	Allow user to edit their photos online on web based editor.
Name Of College	SDJ International College
Front-End Tool	ASP.NET
Back-End Tool	Ms Access Database along with ADO.NET
Operating System	Any Operating System with latest Browser Support. eg. Chrome, Firefox
Internal Guide	Nidhi Desai
Submitted By	Pandey Aadarsh H.



3. Designing

3.1 Data Flow Diagram.

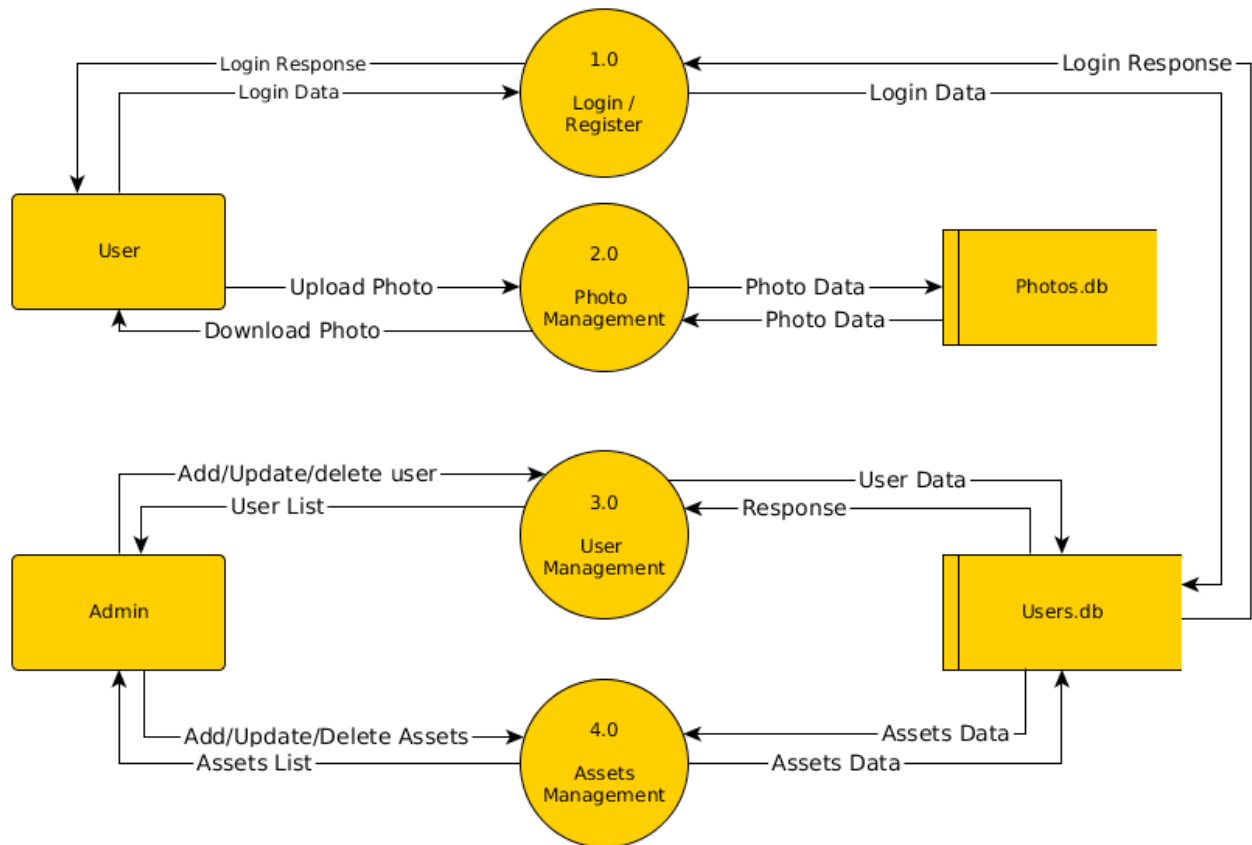
3.1.1 Context Level DFD



Context Level Data Flow Diagram for iEdit



3.1.2 Level 1 DFD

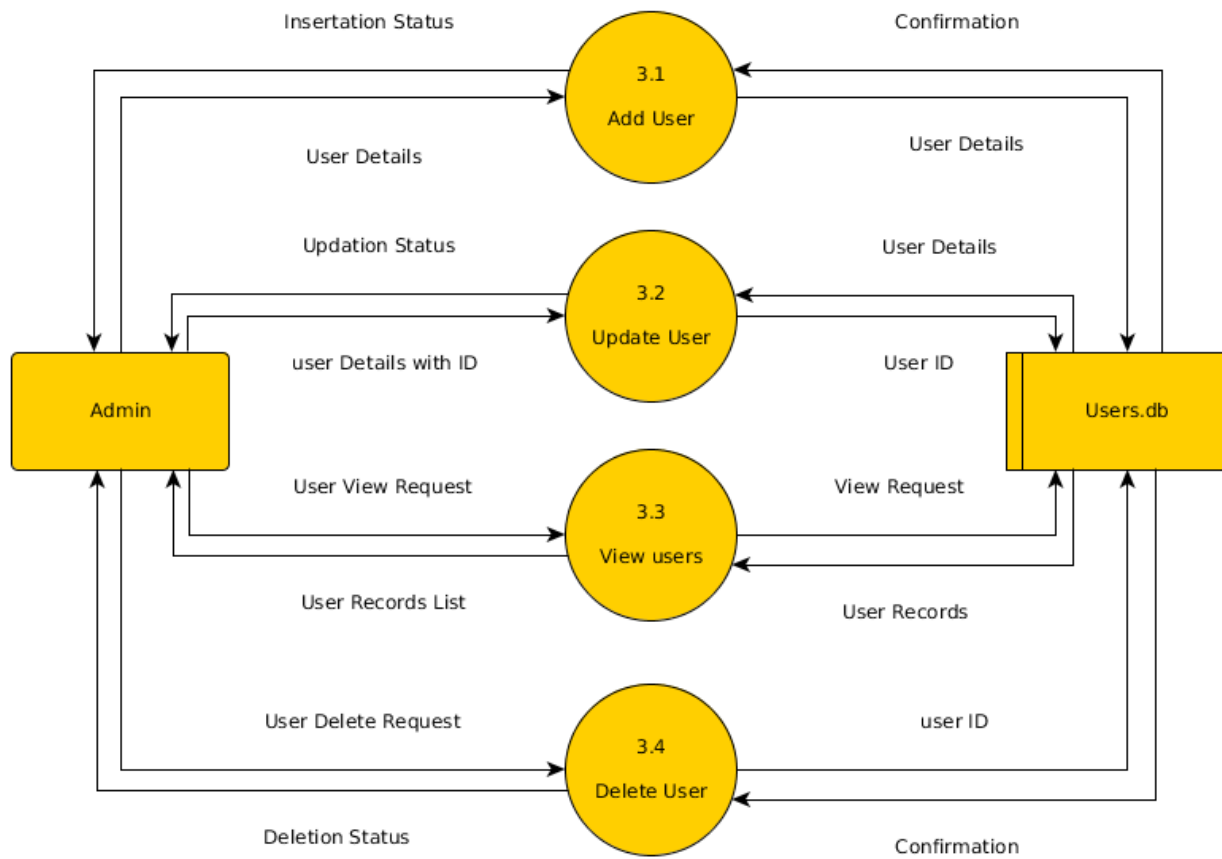


Level 1 Data Flow Diagram for iEdit



iEdit Online Image Tool

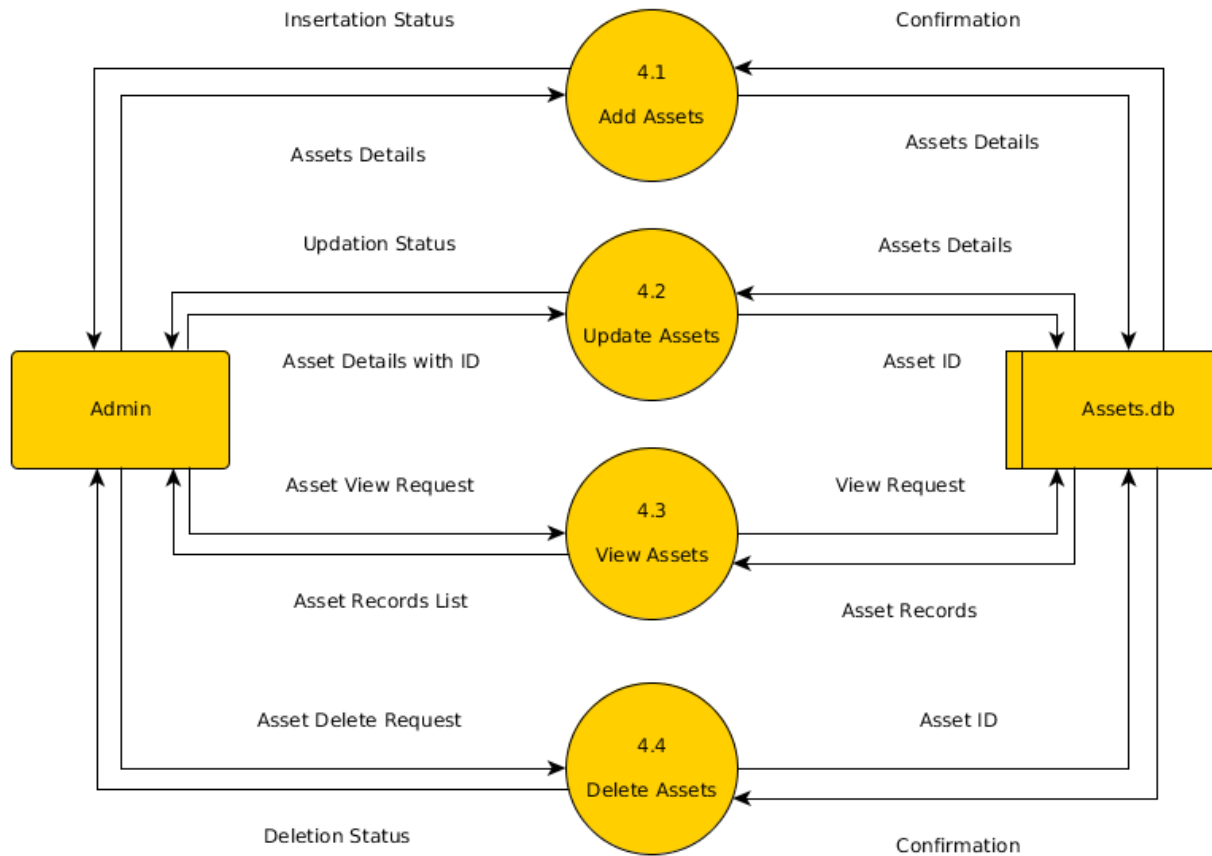
3.1.3 Level 2 DFD



Level 2 Data Flow Diagram for iEdit (Users)



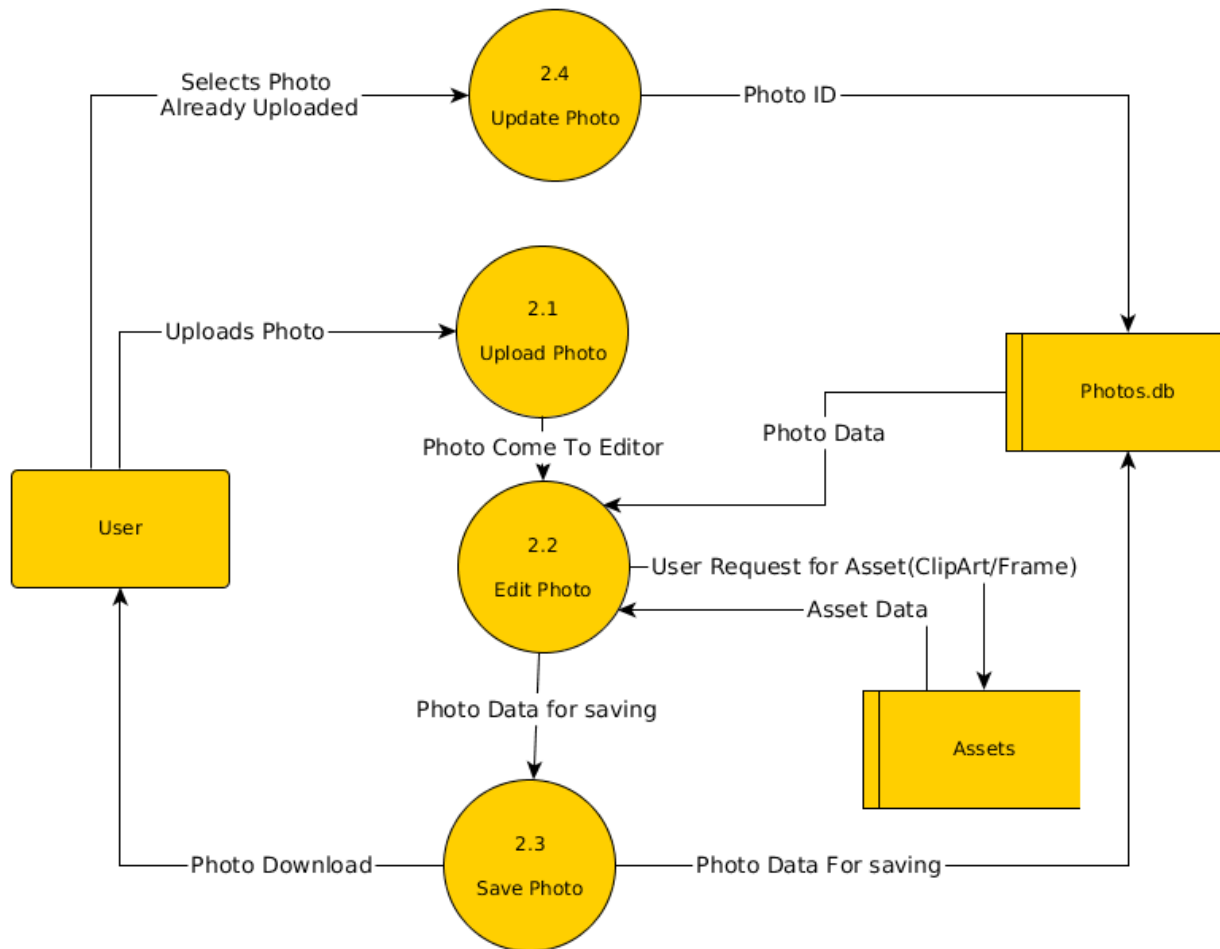
iEdit Online Image Tool



Level 2 Data Flow Diagram for iEdit (Assets)



iEdit Online Image Tool



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)	-



iEdit Online Image Tool

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>
                </ul>
            </div>
        </div>
    </nav>
</body>
```



iEdit Online Image Tool

```

</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

```



iEdit Online Image Tool

```
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
```




iEdit Online Image Tool

```
'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

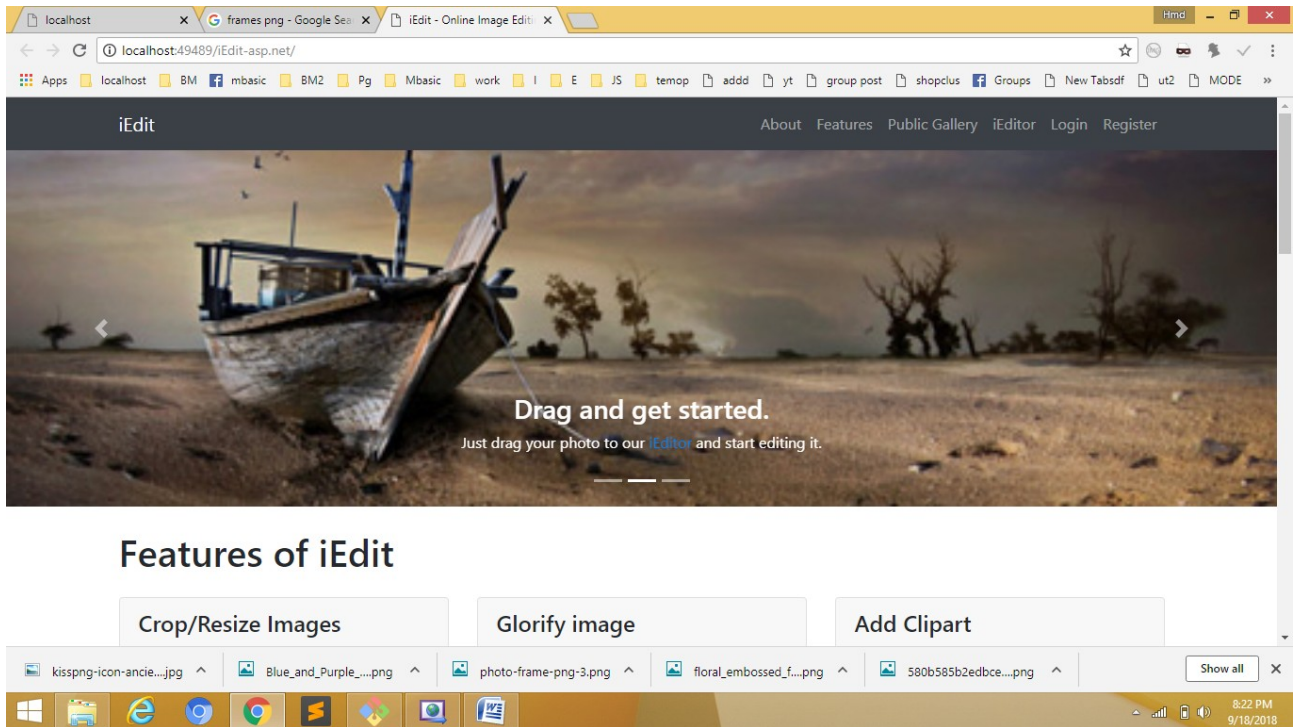
Function WriteFile(ByVal filename As String, ByVal fileData As String) As
Boolean
Try
Dim fs As New FileStream(filename, FileMode.Create)
Dim br As New BinaryWriter(fs)
Dim data = Convert.FromBase64String(fileData)
br.Write(data)
br.Close()
Return True
Catch ex As Exception
MsgBox(ex.Message)
Return False
End Try
End Function

End Class
```



iEdit Online Image Tool

Home Page (Default.aspx)



Description:

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



iEdit Online Image Tool

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>
```



iEdit Online Image Tool

```
<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 -->
```



iEdit Online Image Tool

```
<!-- 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">
    
  </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>
```



iEdit Online Image Tool

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 of iEdit

Crop/Resize Images

Crop and resize your photos easily without any loading time.

[Get Started](#)

Glorify image

Glorify image by applying different effects on image like changing saturation, greyscale, blur etc...

[Get Started](#)

Add Clipart

You can add interesting clipart from our clipart gallery where you can find lot of freely available clipart.

[Get Started](#)

Add Text

You can add interesting clipart from our clipart gallery where you can find lot of freely available clipart.

[Get Started](#)

Add Frames

You can add interesting clipart from our clipart gallery where you can find lot of freely available clipart.

[Get Started](#)

Description:

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



iEdit Online Image Tool

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>
```



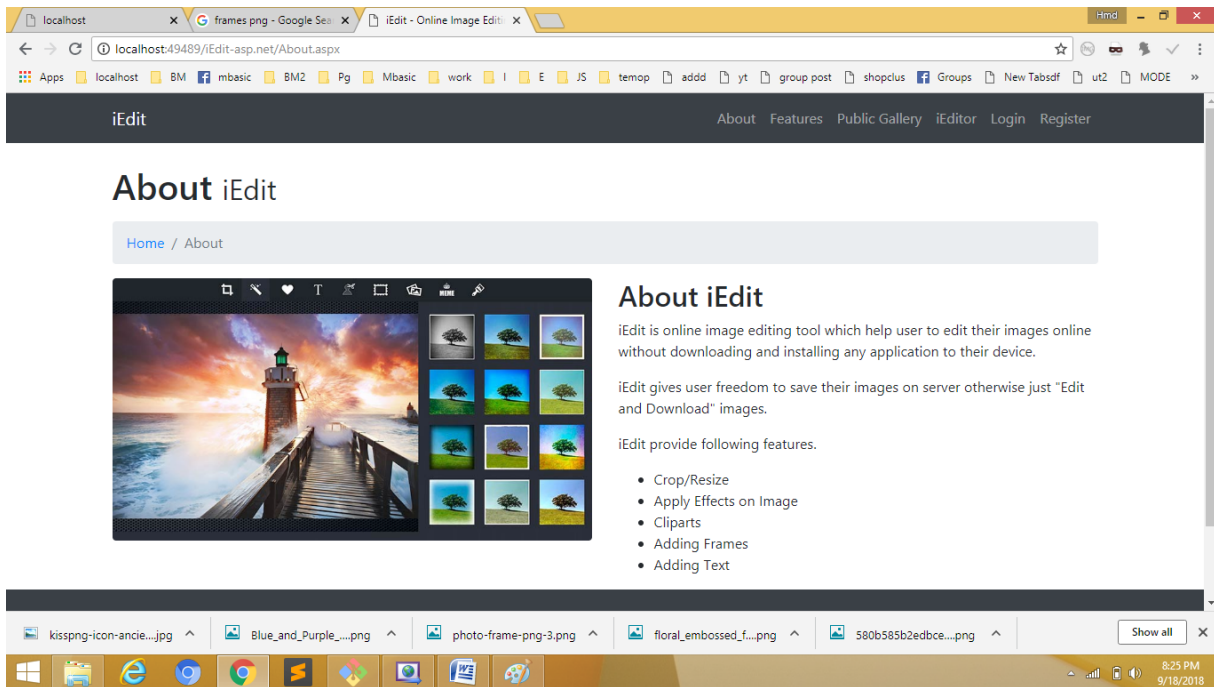

iEdit Online Image Tool

```
</div>
<div class="card-footer">
  <a href="#" class="btn btn-primary">Get Started</a>
</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>
```



iEdit Online Image Tool

About Page



Description:

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



iEdit Online Image Tool

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>

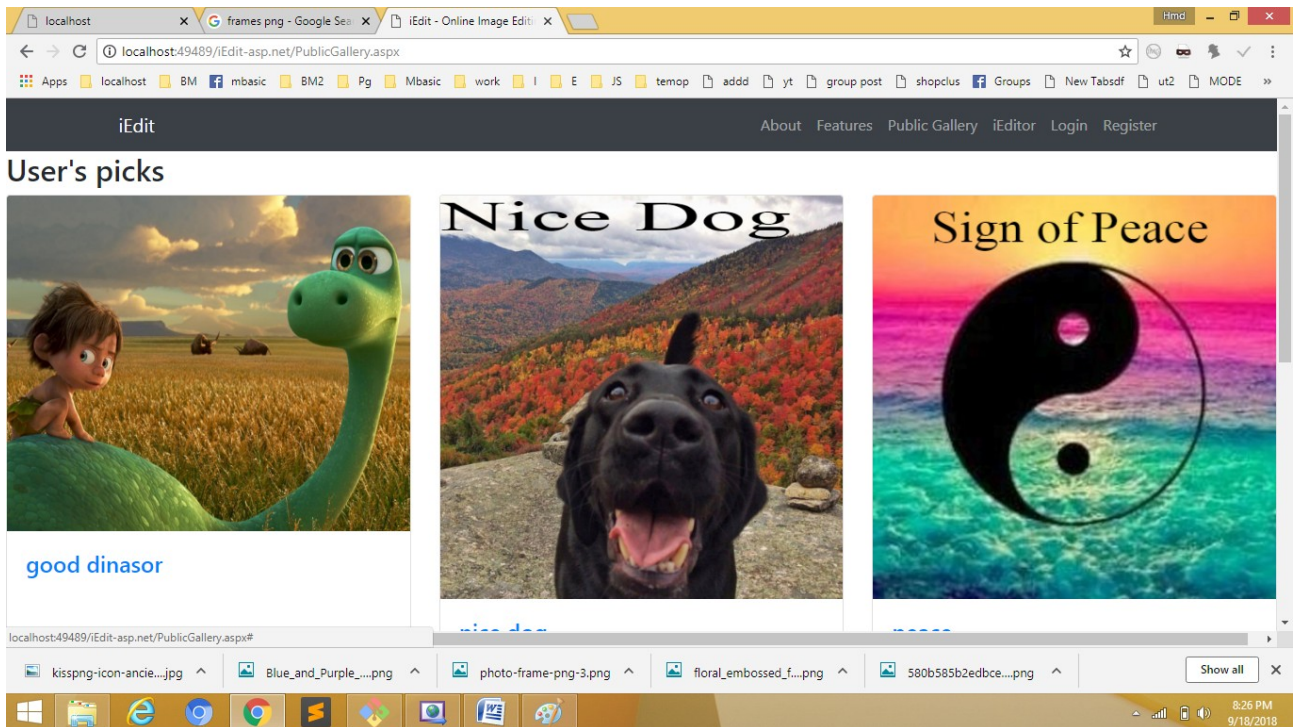
        <!-- Intro Content -->
        <div class="row">
            <div class="col-lg-6">
                
            </div>
            <div class="col-lg-6">
                <h2>About iEdit</h2>
                <p>iEdit is online image editing tool which help user to edit their images
online without downloading 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>
```



iEdit Online Image Tool

Public Gallery Page



Description:

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



iEdit Online Image Tool

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
```



iEdit Online Image Tool

Login Page

localhost x frames.png - Google Se... x iEdit - Online Image Edit... x

localhost:49489/iEdit-asp.net/Login.aspx

iEdit About Features Public Gallery iEditor Login Register

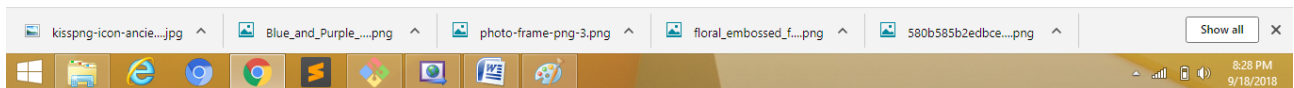
Login to iEdit

Username:

Password:

Login

Copyright © iEdit.com 2018



Description:

Login form using which user can login to their account.



iEdit Online Image Tool

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
                }
            }
        },
```



iEdit Online Image Tool

```
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>
```




iEdit Online Image Tool



Register on iEdit

Your Name:

Your Email:

Username:

Password:

Retype Password:

Gender:

Male

☐

Female

☐

Date of Birth:

[Login](#)

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



iEdit Online Image Tool

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>
```



iEdit Online Image Tool

```
<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");
                        }, 2000);
                    }
                }
            });
        }
    });
});
```



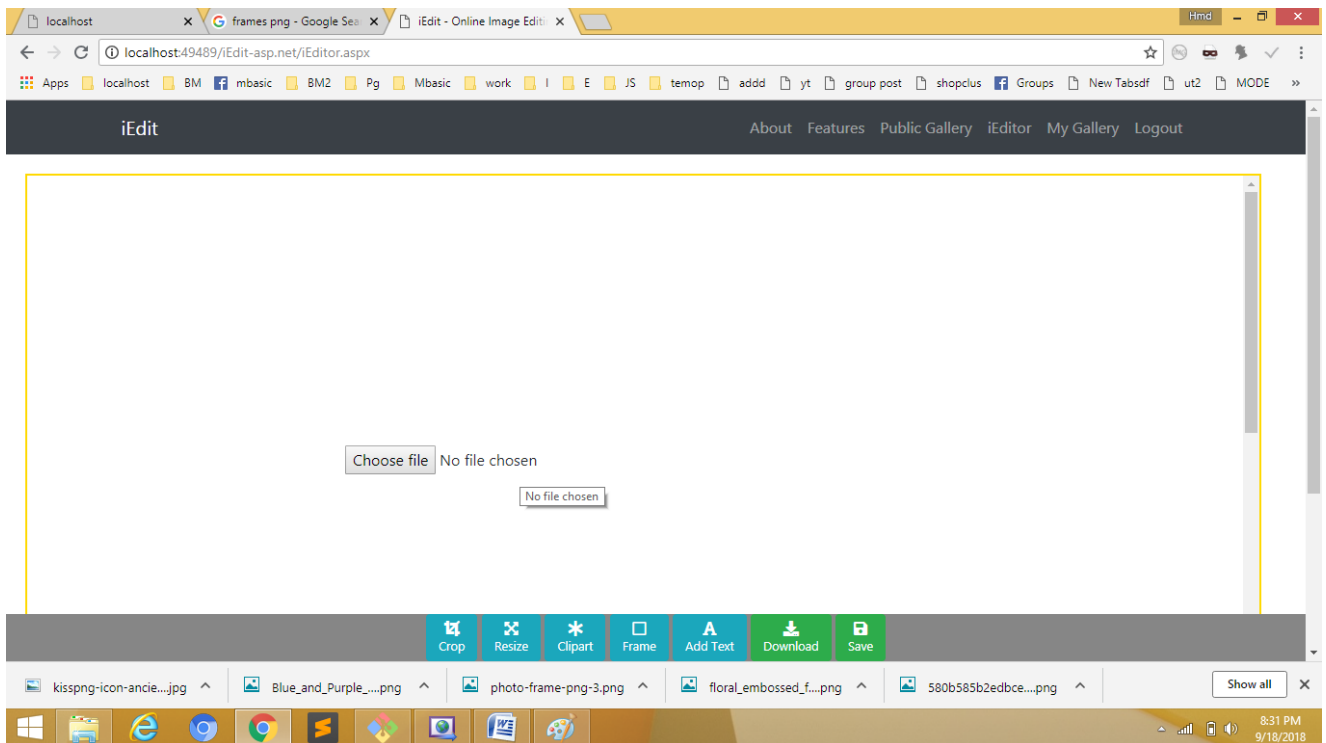
```
        iEdit Online Image Tool
    }, 1000);
}
else {
    if (data == "missingData") {
        notie.alert({ text: "Please Fill up form properly",
type: 3 });

    }
    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>
```



iEdit Online Image Tool

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.



iEdit Online Image Tool

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-fluid 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">
                        
                        
                        
                        
                        
                        
                        
                        
                        
                        
                        
                        
                        
                        
                        
                    </div>
                </div>
            </div>
            <div class="row">
                <div class="tool-area container-fluid">
```



iEdit Online Image Tool

```
<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="fa 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>
<!-- 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>

<!-- 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">
```




iEdit Online Image Tool

```
<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>

```



iEdit Online Image Tool

```
        </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>
  </div>
</div>
```



iEdit Online Image Tool

```
<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>
```



iEdit Online Image Tool

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(!isLoading()){
        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);
}
```



iEdit Online Image Tool

```
}
function actionDownload(){
    if(!isLoading()){
        notie.alert({ text: "Choose photo first", type: 2 });
        return;
    }
    getPngFromSvg($("#mainSvg")
[0],mainSvg.height.baseVal.value,mainSvg.width.baseVal.value,function(imgUri){
        triggerDownload(imgUri,"image-ieditor.png");
    });
}
function actionSave(){
    if(!isLoading()){
        notie.alert({ text: "Choose photo first", type: 2 });
        return;
    }
    window.user_photo_name=prompt("Enter Name: ",window.user_photo_name);
    getPngFromSvg($("#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(!isLoading()){
        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);
    });
}
```



iEdit Online Image Tool

```
ie.addSvg(tSvg);
});
}
function insertFrame(e){
    if(!isLoading()){
        notie.alert({ text: "Choose photo first", type: 2 });
        return;
    }
    $("#frameModel").modal("hide");
    return;
    getDataUri(e.src,function(imgUri){
        //console.log(imgUri);
        window.tSvg=document.createElement("svg");
        Snap(tSvg).image(imgUri,0,0,200,150);
        Snap(tSvg).attr({height:500,width:500,viewBox:"0 0 500 500",x:0,y:0});
        ie.addSvg(tSvg);
    });
}
function isLoading(){
    if($("#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>");
            }
        }
    });
}
```



iEdit Online Image Tool

```
    },
    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);
```



iEdit Online Image Tool

```
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;";
```




iEdit Online Image Tool

```
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){
```



iEdit Online Image Tool

```
        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
l.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;
        }
    }
}
```



iEdit Online Image Tool

```
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){
```



iEdit Online Image Tool

```
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;
}
```



iEdit Online Image Tool

```
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");
```



iEdit Online Image Tool

```
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);
}
```



iEdit Online Image Tool

```
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);
    }
}

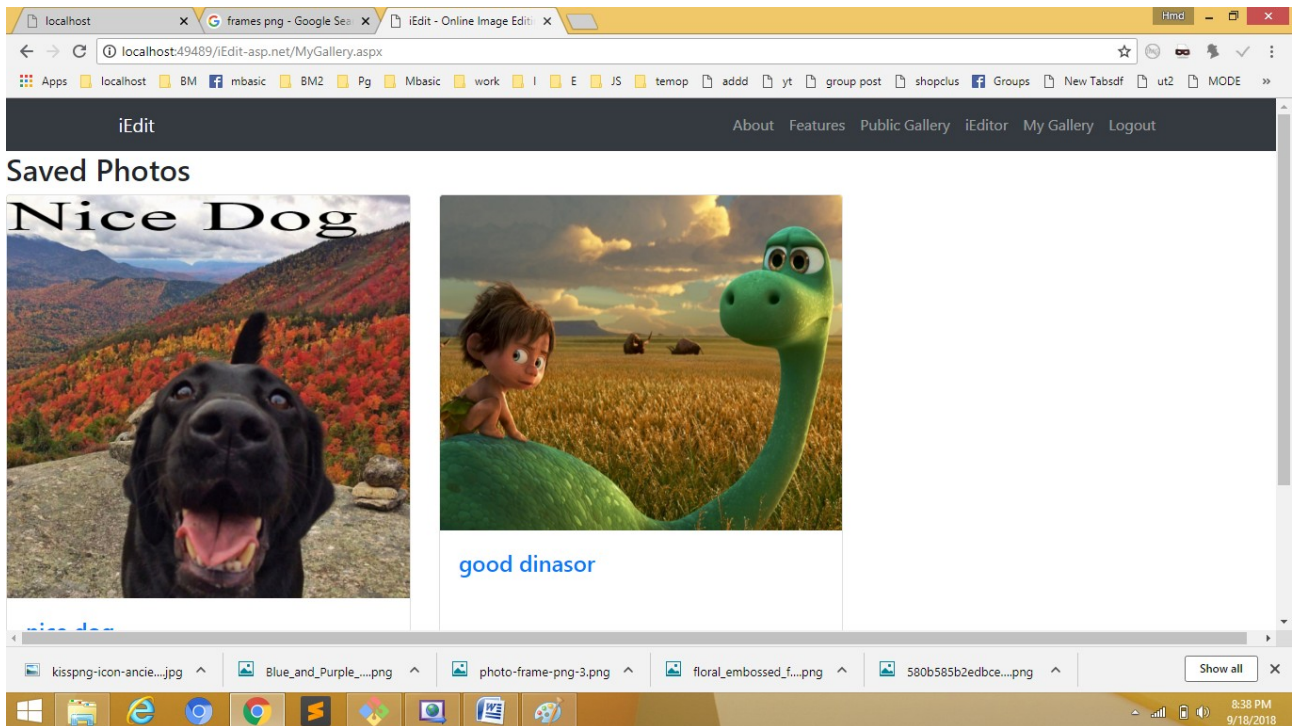
function triggerDownload (imgURI,name) {
    var evt = new MouseEvent('click', {
        view: window,
        bubbles: false,
        cancelable: true
    });

    var a = document.createElement('a');
    a.setAttribute('download', name+'.png');
    a.setAttribute('href', imgURI);
    a.setAttribute('target', '_blank');
    a.dispatchEvent(evt);
}
```



iEdit Online Image Tool

My Gallery:



Description:

My gallery shows photos edited by user who is logged in. It is user's gallery.



iEdit Online Image Tool

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">
```



iEdit Online Image Tool

```
<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>
```



iEdit Online Image Tool

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



iEdit Online Image Tool

```
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
```



iEdit Online Image Tool

Users List

Admin-pEdit

localhost:49489/iEdit-asp.net/admin/Users.aspx

pEdit Admin Panel

Sign out

Dashboard

Users

User Photos

Cliparts

Frames

#	Name	Username	Email	Status	Action
1	hamid	hmdlohar	hmdlohar@gamil.com	Active	View Profile
2	iamadie	iamadie123	iamadie@gmkail.com	Active	View Profile

Prev 1 Next

Windows taskbar: 8:41 PM 9/18/2018

Description:

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



iEdit Online Image Tool

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-condensed">
        <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>
```



iEdit Online Image Tool

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="#"  
onlick="dataPrev()">Prev</a></li>');  
    for (var i = 0; i < len; i += 20) {  
        $("#pagination").append('<li class="page-item"><a class="page-link" href="#"  
onlick="dataNum(' + (i / 20) + ',this)">' + ((i / 20)+1) + '</a></li>');  
    }  
    $("#pagination").append('<li class="page-item"><a class="page-link" href="#"  
onlick="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");
    }
}
```



iEdit Online Image Tool

Clipart List

#	Name	Image	Action
2	A10		Update Delete
3	A11		Update Delete
4	A12		Update Delete
5	A13		Update Delete

Description:

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



iEdit Online Image Tool

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>
        <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>
            </table>
        </div>
    </div>
</div>
```



iEdit Online Image Tool

```
<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>
<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>  </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>');
    }
}
```



iEdit Online Image Tool

```
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="#">Prev</a></li>');
    for (var i = 0; i < len; i += 20) {
        $("#pagination").append('<li class="page-item"><a class="page-link" href="#">'+ (i / 20) + '</a></li>');
    }
    $("#pagination").append('<li class="page-item"><a class="page-link" href="#">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) {
```



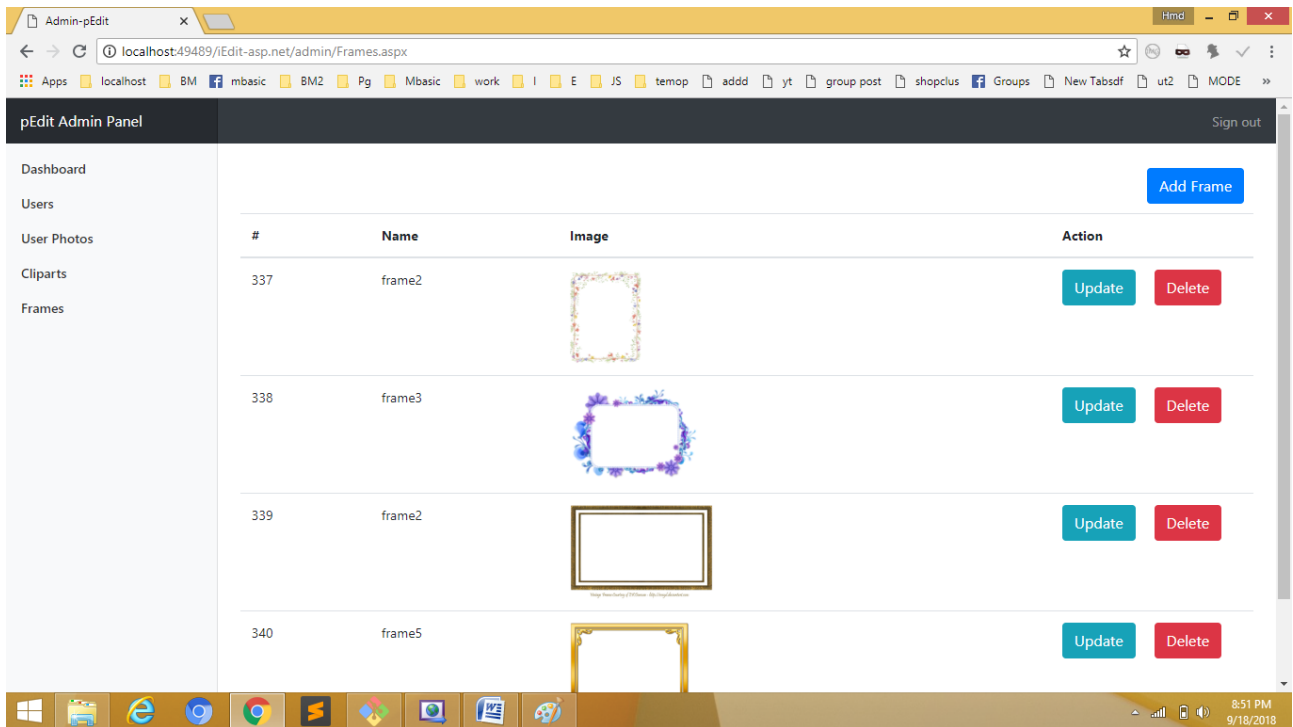

iEdit Online Image Tool

```
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,', ' '));
    }
}
```



iEdit Online Image Tool

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.



iEdit Online Image Tool

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-condensed">
        <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>
                <td></td>
            </tr>
        </table>
    </div>
</asp:Content>
```



iEdit Online Image Tool

```

        <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>
            <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



iEdit Online Image Tool

User Photos List Page

The screenshot displays the 'User Photos List Page' within the iEdit Online Image Tool. The page is viewed through a web browser at the URL `localhost:49489/iEdit-asp.net/admin/UserPhotos.aspx`. The interface includes a sidebar on the left with the 'pEdit Admin Panel' and a 'Sign out' link. The main content area shows a table of user photos.

#	Name	Username	Photo	Action
0	happy Father son	iamadie123		View Delete
1	peace	iamadie123		View Delete
2	nice dog	hmdlohar		View Delete
3	good dinasor	hmdlohar		View Delete

Description:

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



iEdit Online Image Tool

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-condensed">
    <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("");
```



iEdit Online Image Tool

```
$("#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> </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");
        }
    });
}
```




iEdit Online Image Tool



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
Editor	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 Mangement 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
- **Editor Open Function:** It opens photo selected by user correctly
 - o **Resize Function:** Resize Function works correctly
 - o **Crop Function:** Crop function crop photo correctly.
 - o **Text Function:** It adds Text to photo correctly.
 - o **Add Clipart Function:** There is some problem with javascript. ASP.net loads image list but Function can't insert clipart.
 - o **Frame Function:** Frame function is not working properly.
- **User Management Functions:** User management functions work 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 reloading.
- **Frame Management :** It works perfectly. admin can insert, update or delete Frames easily from same page without reloading.
-



iEdit Online Image Tool

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.



iEdit Online Image Tool

7. Bibilography

Libraries used:

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

Ref : [jQuery](#)

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

Ref: [Bootstrap](#)

Jquery Validator => used for form validation

Ref : [jQuery Validation Plugin](#)

Snap Svg => Provides Svg manuplation functions

Ref: [Snap.svg - Home](#)



iEdit Online Image Tool

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