



Bachelor of Computer Applications (BCA) Programme

Project Report

BCA Sem V
AY 2018-19

<Topic Title: iEdit(Image Editing Tool)>

by

Exam No.	Name of Student
104	Pandey Aadarsh H.

Project Guide by :
Nidhi Desai



iEdit Online Image Tool

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iEdit Online Image Tool

1. Introduction

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

1.1 Abstract

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

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

iEdit provide following features.

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

1.2 Scope & Objective

Scope:

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

Objective:

1. Provide User 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.

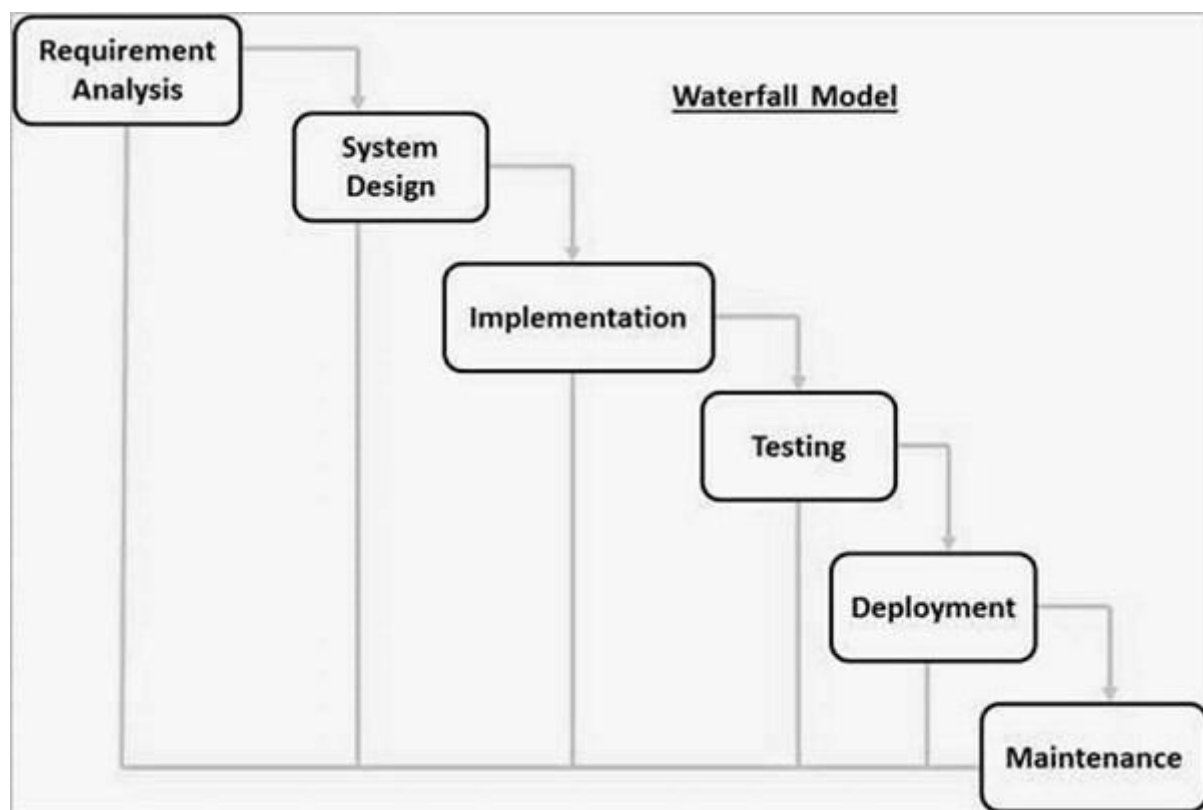
After Analyzing requirements gathered above We can satisfy all of above requirements.



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

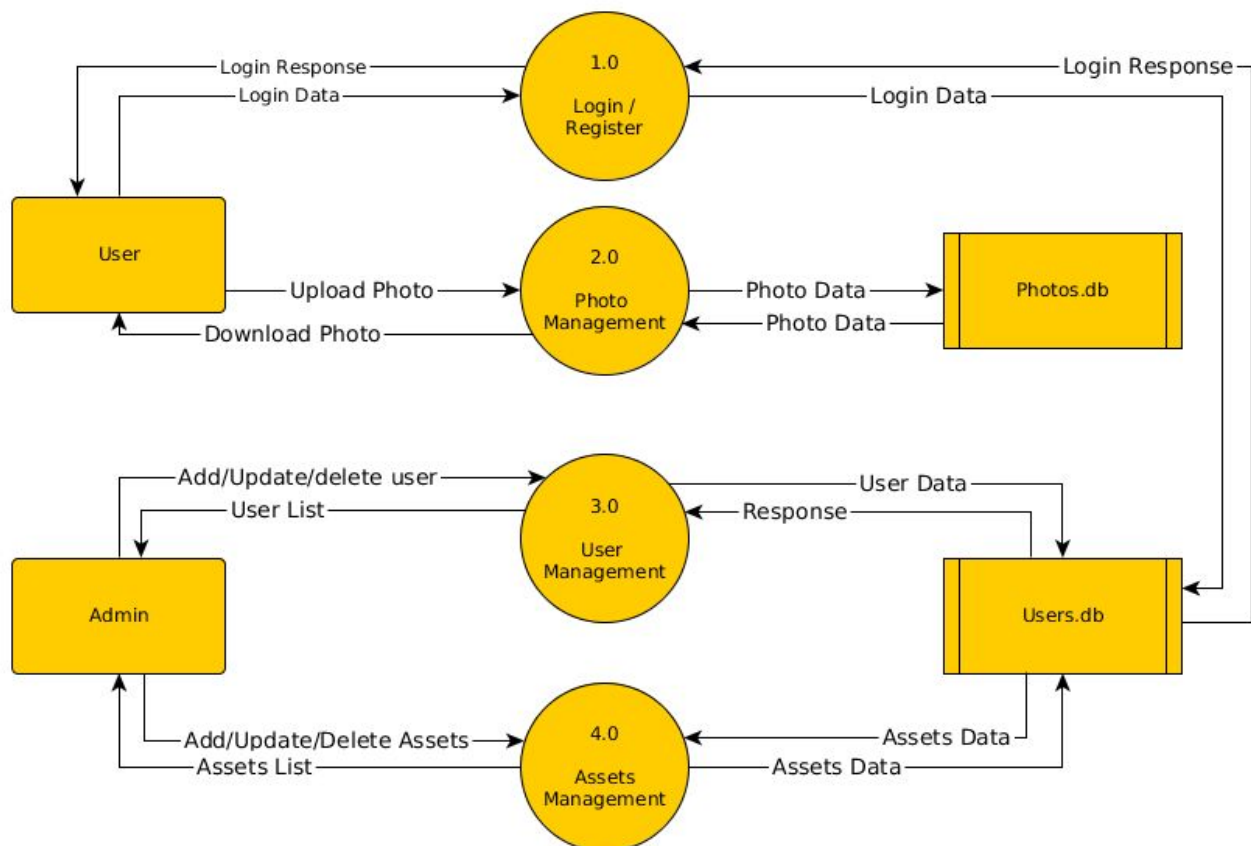


Context Level Data Flow Diagram for iEdit



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3.1.2 Level 1 DFD

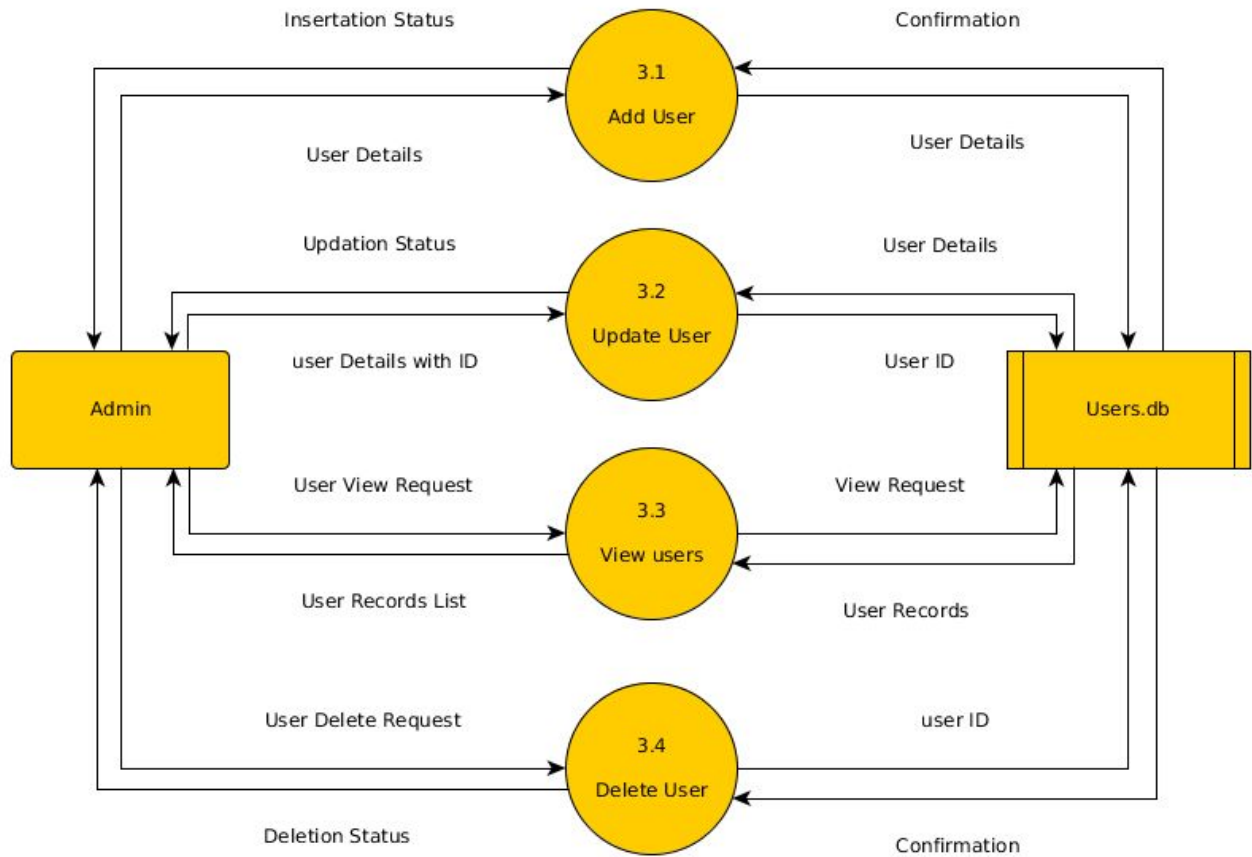


Level 1 Data Flow Diagram for iEdit



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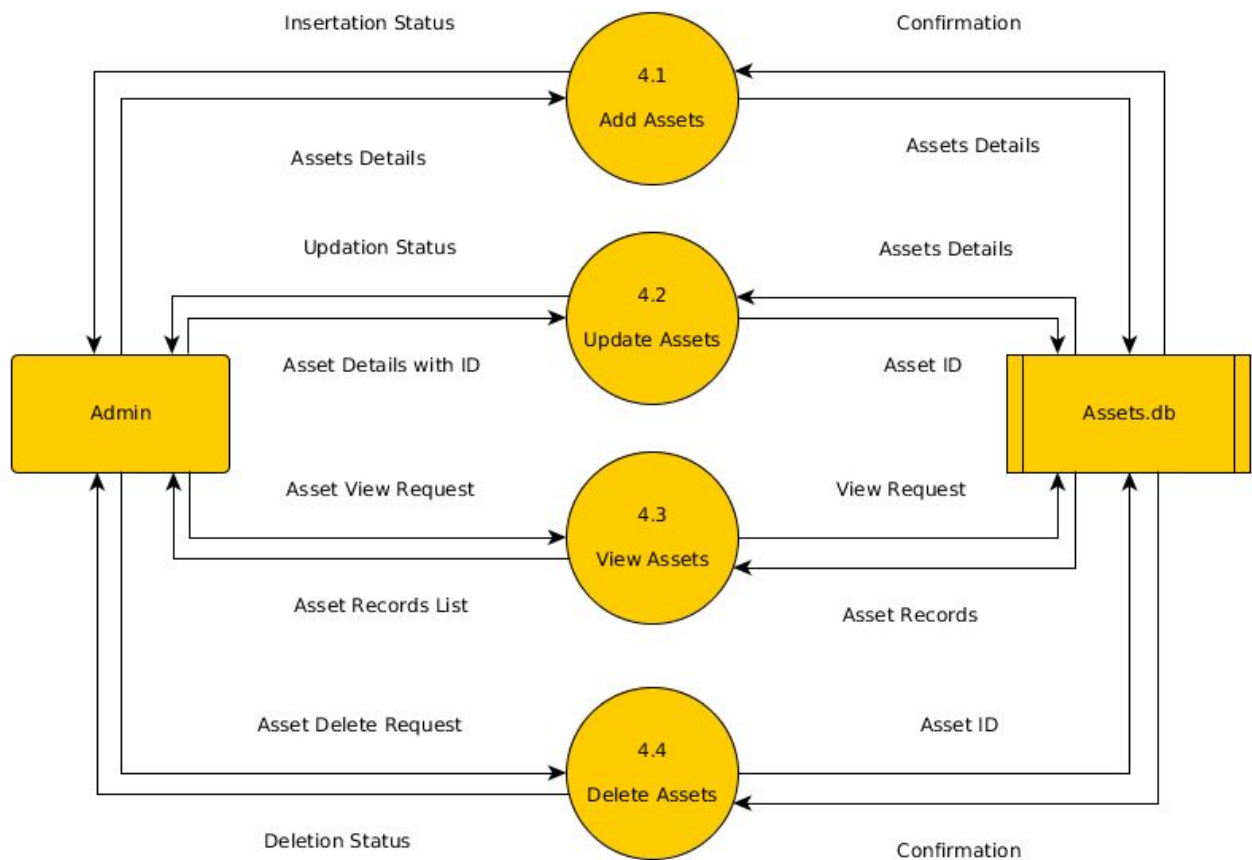
3.1.3 Level 2 DFD



Level 2 Data Flow Diagram for iEdit (Users)



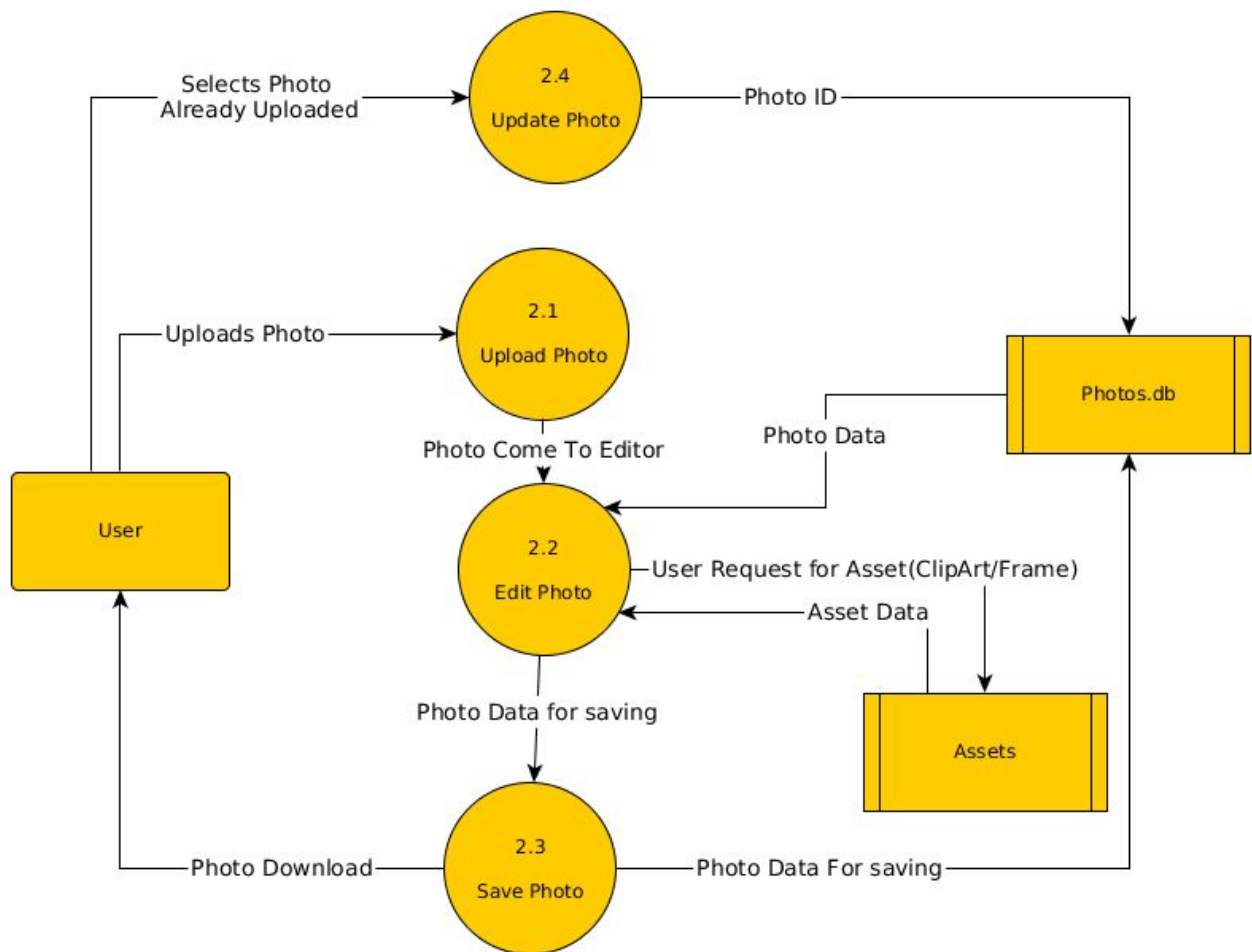
iEdit Online Image Tool



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	-

User Profile

Column Name	Data Type	Description	Constraints
User_id	Number	Reference to User's Actual Id	Foreign key
Gender	Text	Gender of User(Male/Female)	-
Dob	Date	Date of Birth of user	-
Country	Text	Country of user	-
Sate	Text	State of User	-
City	Text	City of User	-

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



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Transactions

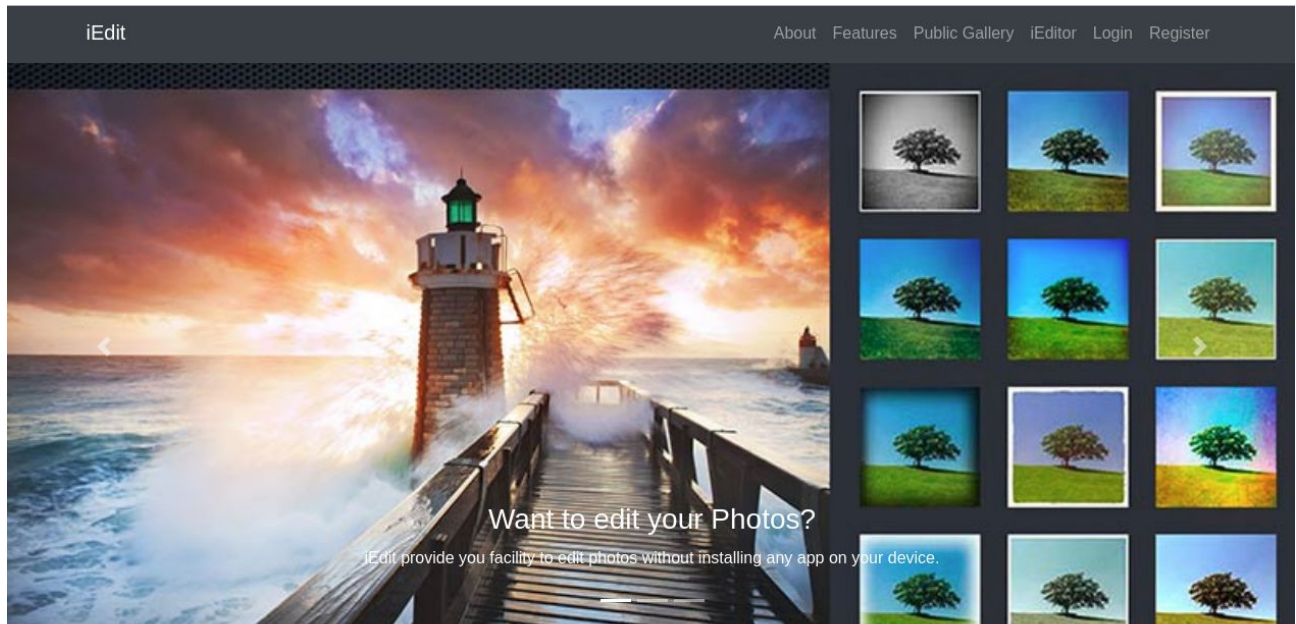
Column Name	Data Type	Description	Constraints
Id	Number	Unique ID of Photo	Primary Key
Name	Text	Name of Photos Provided by user	-
User_id	Number	Reference to User's id who created photo	Foreign Key
Status	Text	Status of Photo. Active or not	-
Path	Text	Path where photo is saved	-



3.2 User Interface

Client Side Interfaces

Home Page



Features of iEdit

Crop/Resize Images

Crop and resize your photos easily without any loading time.

Glorify image

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

Add Clipart

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



Features of iEdit

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Crop and resize your photos easily without any loading time.

[Get Started](#)

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[Get Started](#)



About iEdit

[Home](#) / [About](#)

750 x 450

About iEdit

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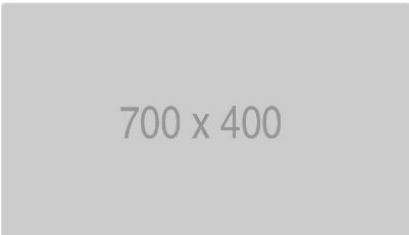
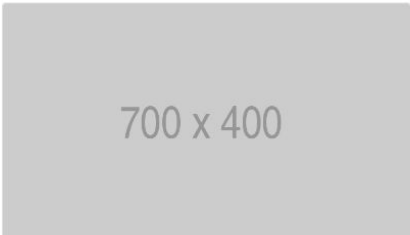
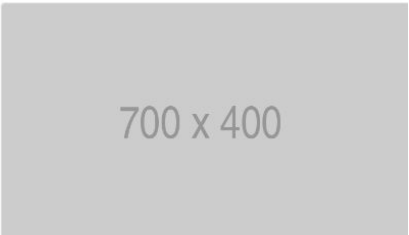
iEdit gives user freedom to save their images on server otherwise just "Edit and Download" images.

iEdit provide following features.

- Crop/Resize
- Apply Effects on Image
- Cliparts
- Adding Frames
- Adding Text



User's picks

 Image name1	 Image name 2	 Image name 3
 Image name1	 Image name 2	 Image name 3



Login to iEdit

Username:

Password:

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Register on iEdit

Your Name:

Your Email:

Username:

Password:

Retype Password:

Gender:

Male

☐

Female

☐

Date of Birth:

[Login](#)



Main Editor

iEdit Online Image Tool

iEdit

[About](#) [Features](#) [Public Gallery](#) [iEditor](#) [Login](#) [Register](#)

Choose File

No file chosen

Crop

Resize

Clipart

Frame

Add Text

★



AdminSide Interfaces

Users List

pEdit Admin Panel

Search

Sign out

- Dashboard
- Users
- User Photos
- Cliparts
- Frames

Users

Add User

#	Name	Email	Status	No. of Photos	Action
13	asdf	example@emial.com	Active	95	Update Delete
14	asf	example@emial.com	Active	95	Update Delete
15	sadf	example@emial.com	Active	95	Update Delete
16	zxf	example@emial.com	Active	95	Update Delete



iEdit Online Image Tool

Clipart/Frame List

pEdit Admin Panel		Search	Sign out
<ul style="list-style-type: none">DashboardUsersUser PhotosClipartsFrames	Cliparts		Add Cliparts
	#	Name	Image
	13	asdf	
	14	asf	
	15	sadf	
	16	zxf	



iEdit Online Image Tool

Clipart/Frame Add/Update Page

pEdit Admin Panel	Search	Sign out
Dashboard	Name: <input type="text"/>	
Users	File: <input type="button" value="Choose File"/> No file chosen	
User Photos		
Cliparts		
Frames	<input type="button" value="Submit"/>	



User Photos List Page

pEdit Admin Panel

Search

Sign out

Dashboard

Users

User Photos

Cliparts

Frames

Users Photos

#	Name	Username	Image	Action
13	asdf	hmdlohar		View Delete
14	asf	hmdlohar		View Delete
15	sadf	hmdlohar		View Delete
16	zxf	hmdlohar		View Delete