

Introduction

Enterprise Advertisement System is web application system for advertisement its content of 3 department, client or visitor department where client will see the Ad and click on it to navigate to website advertiser, and every click on ad it will increase it rate by 1. Then the total rates will divide by 10 to compute total rate from 5. Rate more than 50 will computed as 5 stars. The second department is advertisement manager where we can add/remove/edit ads. The third department is to manage users and customers where we can add/edit/delete user or customer. This system is a good to be platform for advertising where peoples can host ads in their website and get paid for that. And also, it is good to make peoples advertise for other peoples and we can take percent from their income. Its better form advertising yourself alone.

The system created using ASP.NET MVC platform with Microsoft Visual Studio 2010 IDE. The database of the system is type Microsoft Access 2016, for easy install and use.

The Client page is single page as an example about how advertisement will be.

The advertisements classified into 3 type, Text-type advertisement, Image-type Advertisement and Video-type advertisement. Each one will contain a link to specific website.

Client Side

The Client page is single page as an example about how advertisement will be. The data exist is not important because this just example. The most important part is the advertisement. The first ad is Text-type and second one is image-type.

Enterprise Advertisement System [Log_On]

Home About Customers Users

Welcome to Advertisement System With ASP.NET MVC!

ASP.NET is a free web framework for building websites and web applications on .NET Framework using HTML, CSS, and JavaScript. ASP.NET MVC 5 is a web framework based on Mode-View-Controller (MVC) architecture. Developers can build dynamic web applications using ASP.NET MVC framework that enables a clean separation of concerns, fast development, and TDD friendly. These tutorials are designed for beginners and professionals who want to learn ASP.NET MVC 5.

To learn more about ASP.NET MVC visit <http://asp.net/mvc>.

Free courses, tutorials, videos, and more for learning web development with ASP.NET.

ASP.NET MVC Architecture

The MVC architectural pattern has existed for a long time in software engineering. All most all the languages use MVC with slight variation, but conceptually it remains the same. Let's understand the MVC architecture supported in ASP.NET. MVC stands for Model, View, and Controller. MVC separates an application into three components - Model, View, and Controller.

Model: Model represents the shape of the data. A class in C# is used to describe a model. Model objects store data retrieved from the database. **Model represents the data.**

View: View in MVC is a user interface. View display model data to the user and also enables them to modify them. View in ASP.NET MVC is HTML, CSS, and some special syntax (Razor syntax) that makes it easy to communicate with the model and the controller. **View is the User Interface.**

Controller: The controller handles the user request. Typically, the user uses the view and raises an HTTP request, which will be handled by the controller. The controller processes the request and returns the appropriate view as a response. **Controller is the request handler.**

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As per the above figure, when a user enters a URL in the browser, it goes to the webserver and routed to a controller. A controller executes related view and models for that request and create the response and sends it back to the browser.

Figure 1.1 Clint side

Advertisement Manager

The advertisement manager is the user who will add/edit/remove the advertisement. This user is added and get permission to do the job from higher user called System Manager.

This user need login using login page with his username/password and system will redirected him to advertisements.

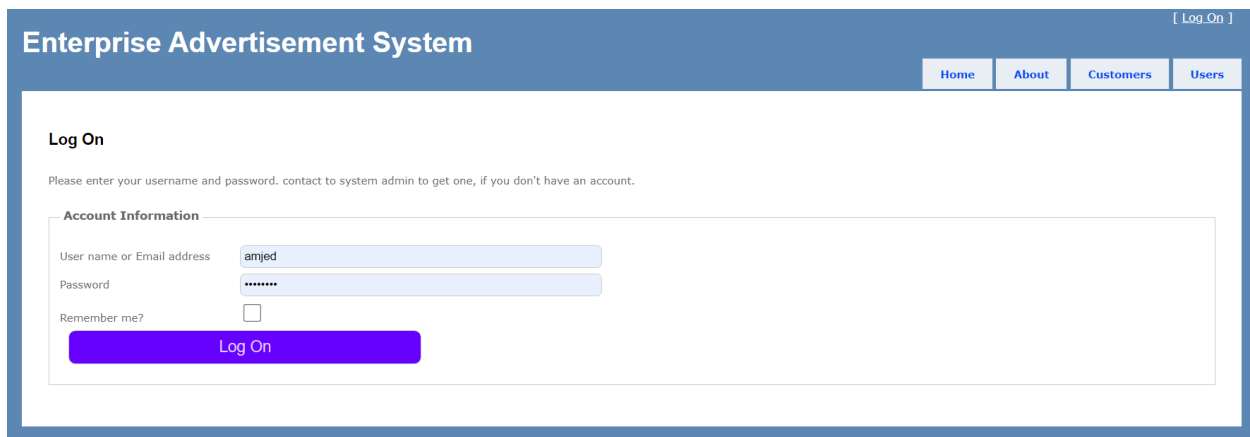
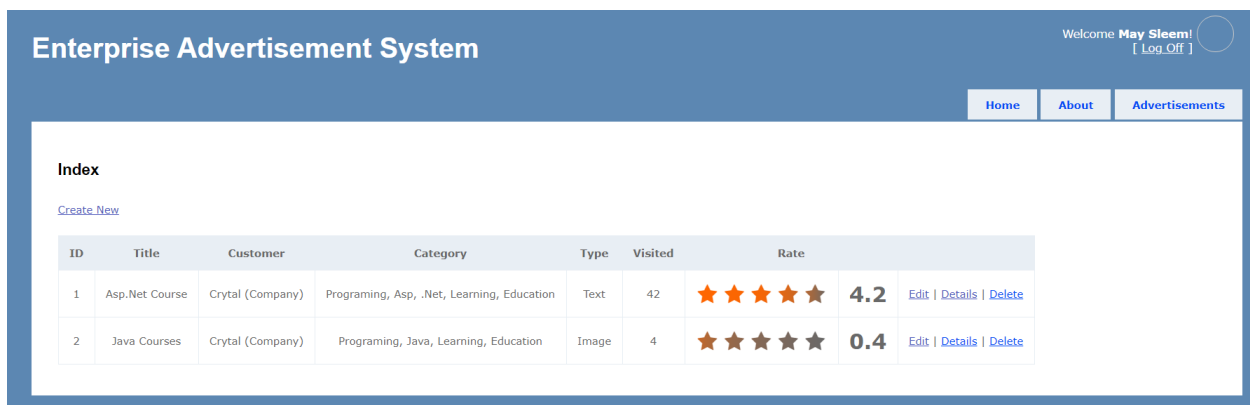


Figure 1.2 Login page

User can check “Remember Me” to keep his login longer time. When user press login system will check existence of user first, if exist then, check type of user if type is Advertisement Manager, then redirect to Advs Page.



ID	Title	Customer	Category	Type	Visited	Rate	
1	Asp.Net Course	Crytal (Company)	Programing, Asp, .Net, Learning, Education	Text	42	★ ★ ★ ★ ★	4.2 Edit Details Delete
2	Java Courses	Crytal (Company)	Programing, Java, Learning, Education	Image	4	★ ★ ★ ★ ★	0.4 Edit Details Delete

Figure 1.3 Advs manager

We have 2 ads in ads table, to edit any one we just press “Edit” and edit page will display just like this:

The screenshot shows the 'Edit' page of the 'Enterprise Advertisement System'. The page has a blue header with the system name and a user profile 'May Sleem' with a 'Log Off' link. A navigation bar contains 'Home', 'About', and 'Advertisements' links. The main content area is titled 'Edit' and contains a form with the following fields:

Fields	
Title	Asp.Net Course
Customer	Crytal (Company) ▼
Link	https://dotnet.microsoft.com/learn/aspnet
Category	Programing, Asp. Net, Learning, Education
Visited	42
Rate	4.2
Advertisement Type	Text ▼
Free courses, tutorials, videos, and more for learning web development with ASP.NET.	

Below the form is a blue 'Save' button and a 'Back to List' link.

Figure 1.4 Edit ad page

We edit the advertisement data and press save to save or “Back to list” to back to ads page. To display the advertisement data in professional behavior we should press details from the list and it will view just like this:

Enterprise Advertisement System

Welcome **May Sleem!**
[Log Off]

Home

About

Advertisements

Details

Fields

ID	2
Title	Java Courses
Customer ID	1
Customer Info	Crytal (Company)
Link	https://www.codecademy.com/learn/learn-java/
Category	Programing, Java, Learning, Education
Visited	4
Rate	0.4
Advertisement Type	Image



[Back to List](#)

Figure 1.5 Detail's view

To delete advertisement, we should press “Delete” from the list and it will display the advertisement first to confirm the operation. If we really need to delete this ad we should press delete than:

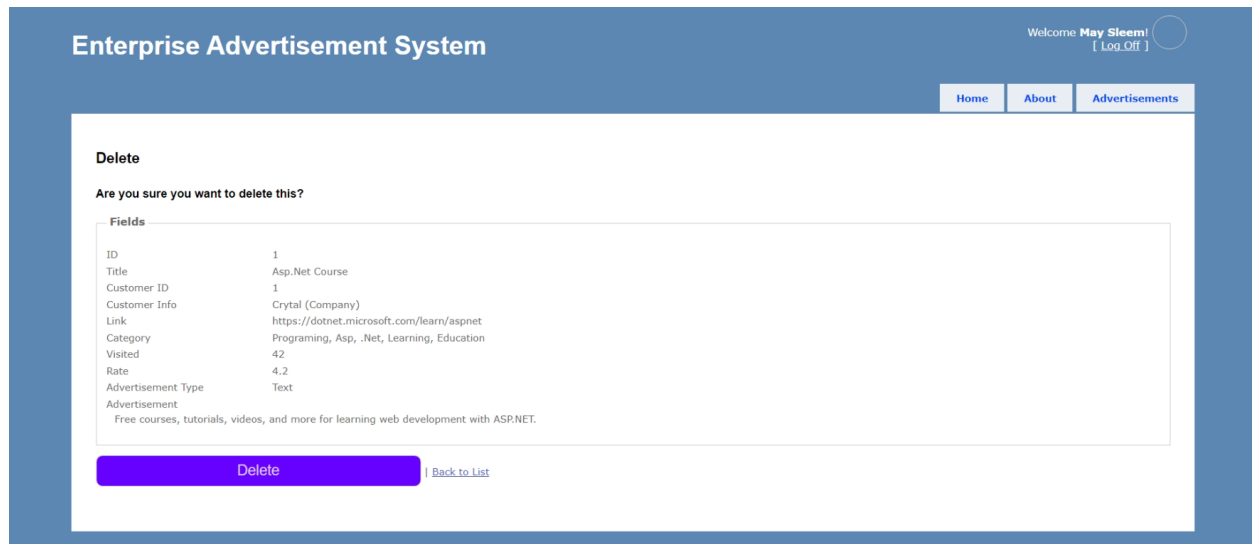


Figure 1.6 Delete confirmation

System Manager User

The system manager user is responsible of add/edit/delete other users or customers. We need to System Manager type user to login as System manager, and the system will redirect us to user's page, and the “Customers” and “Users” button shown in the main menu:

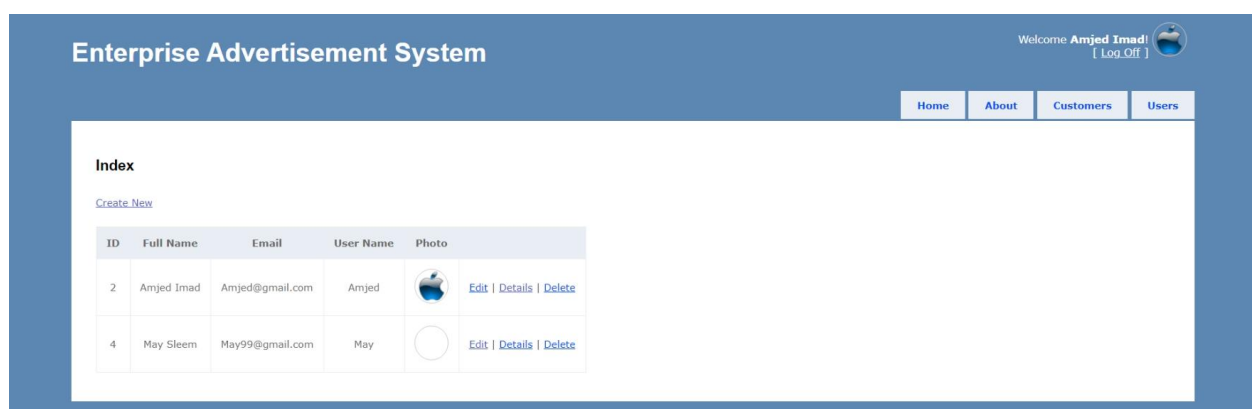


Figure 1.7 Users Page

This page displays all system users, we can edit user by clicking on “Edit” or view user details by clicking on “Details” or press “Delete” to delete it.