

**A**  
**Project Report**  
**On**  
**“ ONLINE CD GALLERY ”**



**INTERNATIONAL SCHOOL OF INFORMATICS AND MANAGEMENT**

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## **CERTIFICATE**

This is to certify that this report embodies the original work done by **Yogesh Jain, Manish Kumar Jain and Peeyush Pareek** during the project submission as a partial fulfillment of the requirement for the **System Design Project** of Masters of computer Application IV semester, of the Rajasthan Technical University, Kota.

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## **ACKNOWLEDGEMENTS**

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We are grateful to our project guide Mr. Vijay Gupta Sir for the guidance, inspiration and constructive suggestions that helped us in the preparation and execution of this project.

We would also thank to our colleagues who have helped in successful completion of the project.

Yogesh Jain

Manish Kumar Jain

Peeyush Pareek

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# SYNOPSIS

## **Introduction:**

This project, CD Gallery, is a project aimed at management of CD's in a CD Gallery. It is used to issue and return of CDs from the gallery easier and handy way. It offers the following facilities:

- Home Page
- Add new CDs Information
- Add new Customer Information
- Issue CDs
- Return CDs
- List of available CDs
- List of Customers
- List of issued CDs

## **Purpose:**

- To provide online rent of CDs.
- To give any information about any CDs.

## **Scope:**

- Online functionality of a papered working system.

### **Technologies to be used:**

- Front End --- Microsoft ASP.NET 2005
- Back End --- Microsoft Access XP
- JavaScript for Client-side validation
- Photoshop for Web page designing
- Dreamweaver for easy enhance
- IIS Web Server
- IDE --- Microsoft Visual Studio 2005

### **Overview:**

- This project has facility of maintaining records of CDs.
- This project can save unlimited information of CDs.
- A customer can issue CD and if he/she does not return issued CDs on return date or before then he/she have to pay fine.

### **Overall Description:**

- Add new CDs: If any new CDs are added to the gallery then the record is updated in the list of CDs records.
- Add new Customer: If any new customers are added to the gallery then the record is updated in the list of customer's records.
- Issue CDs: It displays the list of all CDs which are issued for the respective customer.
- Return CDs: It displays the list of CDs which are returned on last five dates.
- List of CDs: It shows the list of all available CDs present in the gallery.
- List of Customers: It shows the list of customers present in the gallery.

**FEASIBILITY**

**STUDY**

### **Technical Feasibility:**

A study of resources availability that may affect the ability to achieve an acceptable system. This evaluation determines whether the technology needed for the proposed system is available or not. This system can be made in any language that support good user interface and easy database handling. Technical needs may include:

### **Economical Feasibility:**

In this we consider following costs:

1. The cost to conduct a full system investigation.
2. The cost of hardware and software for class of application being considered.
3. The benefit in the form of the reduced cost.

Our system has a lot of features at a minimum cost so it is feasible to implement and it will be very much beneficial to the sellers in the reduced cost. It's software and hardware cost is also low then the existing system.

### **Operational Feasibility:**

In this feasibility we consider following points:

1. What changes will be brought with the system.
2. What new skills will be required? Do the existing staff members have these skills? If not, can they be trained in due course of time?

In the new system we made some major changes for the staff members so that they have to be trained to use the newly added facilities. These major changes are possible and give a new era in the Supermarket in production and sales management.

### **Schedule Feasibility:**

Time evaluation is most important consideration in development of the project. So the project is concerned should be completed with fixed in scheduled time as far as company is concerned. New system is not so much big so it is easy to make in few days.

### **Behavioral Feasibility:**

People are inherently resisted to change and a computer means "change is the only certainty". An estimate should be made of how strong a reaction the user staff in going to have towards development of new system. Thus special efforts can be made to educate and train the staff.

### **Description of Existing System:**

Before the existence of online CD Gallery facility, old system was very much tedious and time consuming. It was manual one because all the information about CD, were in the printed form.

Since now they are getting online information of CD, so they need a place through which we can administer all the online information and also can provide easy access of that information to the customers.

In the existing system, customer goes to the CD shop and search for the desired CD. If he/she finds the desired CD in that shop, it is fortune otherwise he/she has to go for another shop.

The whole process of getting the desired CD is so time consuming and tedious, mostly customers do not prefer this.

Availability of all information of a particular CD is also a problem in existing system usually one can see huge crowd in front of CD shop.

### **Bottleneck Identified in Existing System:**

- Existing System requires huge time for searching the desired information about CD.
- Searching the desired methods is also typical and fully manual.
- Space taken by the racks of CD is also much large because of the large volume of CD information.
- Availability of CD is also a main problem.
- In the existing system, CD shop is unable to provide CD of study material.
- Customers are far away from the CD for the long time although the desired CD is released.

### **Need of New System:**

- To reduce the cost of providing international leveled CD information to the customer.
- To reduce the time spends in acquiring the desired CD information.
- To reduce the space required for managing the large volume of CD information.
- To solve the problem of unavailability of CD.
- To provide the new release CD just after their release.
- To provide study material CD to the customer.
- To provide Software CD to the Customer.

# DATA TABLES

## Online CD Gallery

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### Login Table:

S.No.	Field name	Data Type	Description
1.	Username	Text	Store user name for checking correct user.
2.	Password	Text	Store password corresponding to username.

### CD\_Info Table:

S.No.	Field name	Data Type	Description
1.	CD_Code	Number	Unique key for CD
2.	CD_Name	Text	Name of CD
3.	Category	Text	Category of CD
4.	Language	Text	Store Language of the CD
5.	Publisher	Text	Publisher of the CD
6.	Year	Text	Releasing Year of the CD
7.	Price	Number	Price of the CD
8.	Copies	Number	Number of CD

## Online CD Gallery

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### **Cust\_Info Table:**

<b>S.No.</b>	<b>Field name</b>	<b>Data Type</b>	<b>Description</b>
1.	Cust_Code	Number	Unique key for Customer
2.	Cust_Name	Text	Name of the Customer
3.	Address	Memo	Address of the Customer
4.	Gender	Text	Customer Gender
5.	Enroll_No	Text	Enrollment of the Customer
6.	Contact_No	Text	Customer Contact Number
7.	Email_Id	Text	Email-Id of the Customer
8.	Discount	Number	Discount allowed to particular Customer

### **CD\_Return Table:**

<b>S.No.</b>	<b>Field name</b>	<b>Data Type</b>	<b>Description</b>
1.	Return_Code	Number	Code number of CD Return
2.	Issue_Code	Number	Code of the Issued CD.

## Online CD Gallery

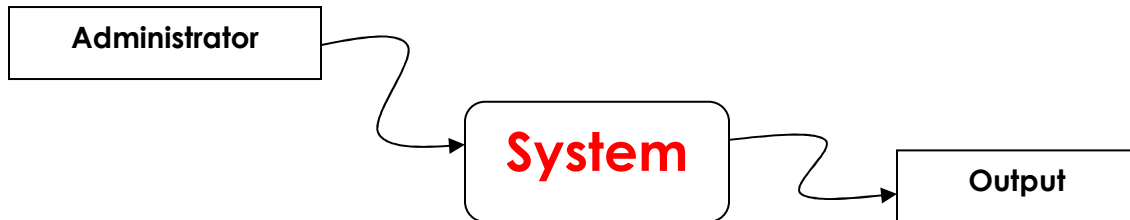
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### CD\_Issue Table:

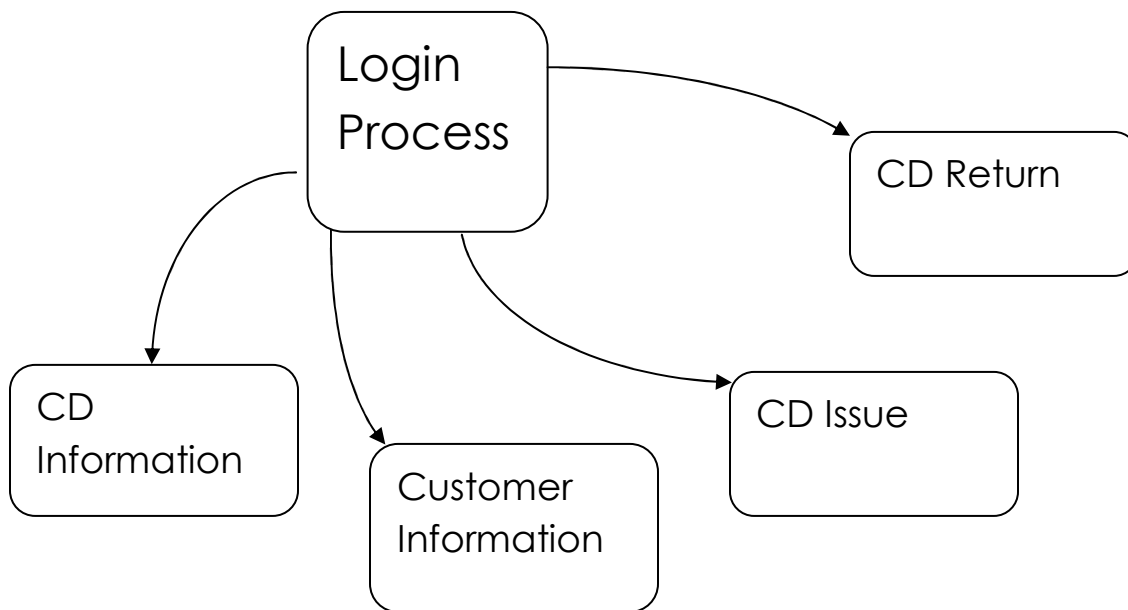
S.No.	Field name	Data Type	Description
1.	Issue_Code	Number	Unique key of Issued CD
2.	CD_Code	Number	Code Number of CD
3.	Cust_Code	Number	Code Number of Customer
4.	Issue_Date	Text	Issue Date of the CD
5.	Issue_Time	Text	Issue Time of the CD
6.	Return_Date	Text	Return Date of the CD
7.	Return_Time	Text	Return Time of the CD
8.	After_Day	Number	No. of days
9.	Rent	Number	Rent of the issued CD
10.	Advance	Number	If customer give advance
11.	Fine	Number	Fine of the CD if customer return CD after the date of returning.

# DATA FLOW DIAGRAM

## 0-level DFD:



## 1-level DFD:





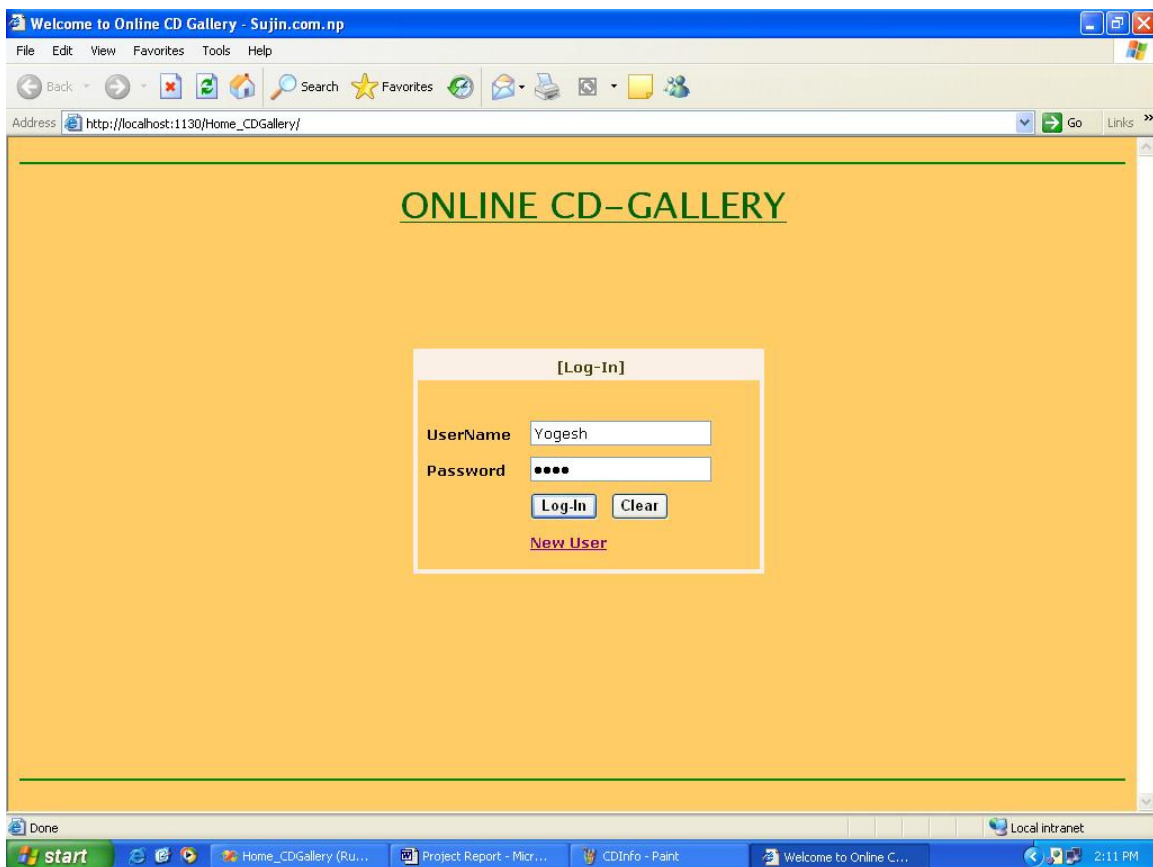
# SCREENSHOTS

# Online CD Gallery

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## 1. Login Form-

This Login Form is made for security purpose. Only authenticated user access the Project.

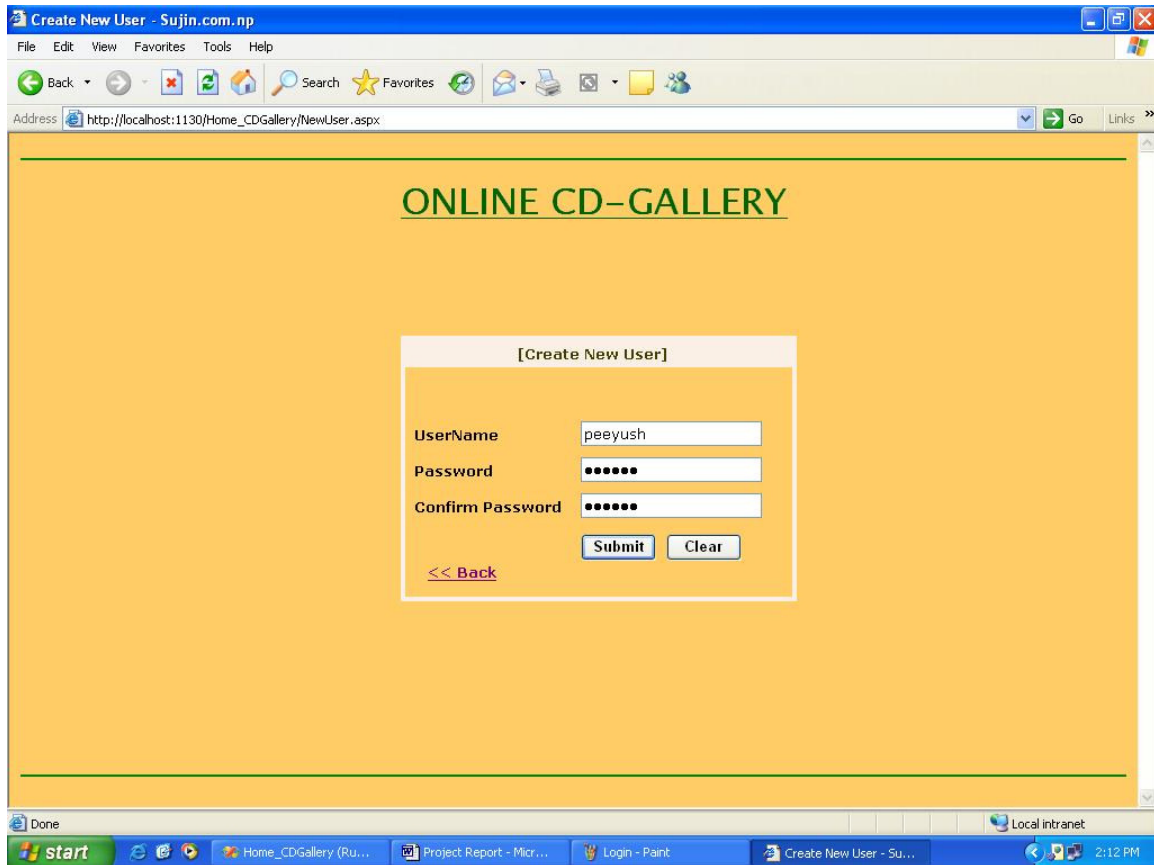


# Online CD Gallery

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## 2. New User-

This Form is created for new user account.



The screenshot shows a web browser window titled "Create New User - Sujin.com.np". The address bar displays "http://localhost:1130/Home\_CDGallery/NewUser.aspx". The main content area has a yellow background with the text "ONLINE CD-GALLERY" in green. A central white box titled "[Create New User]" contains the following form fields and controls:

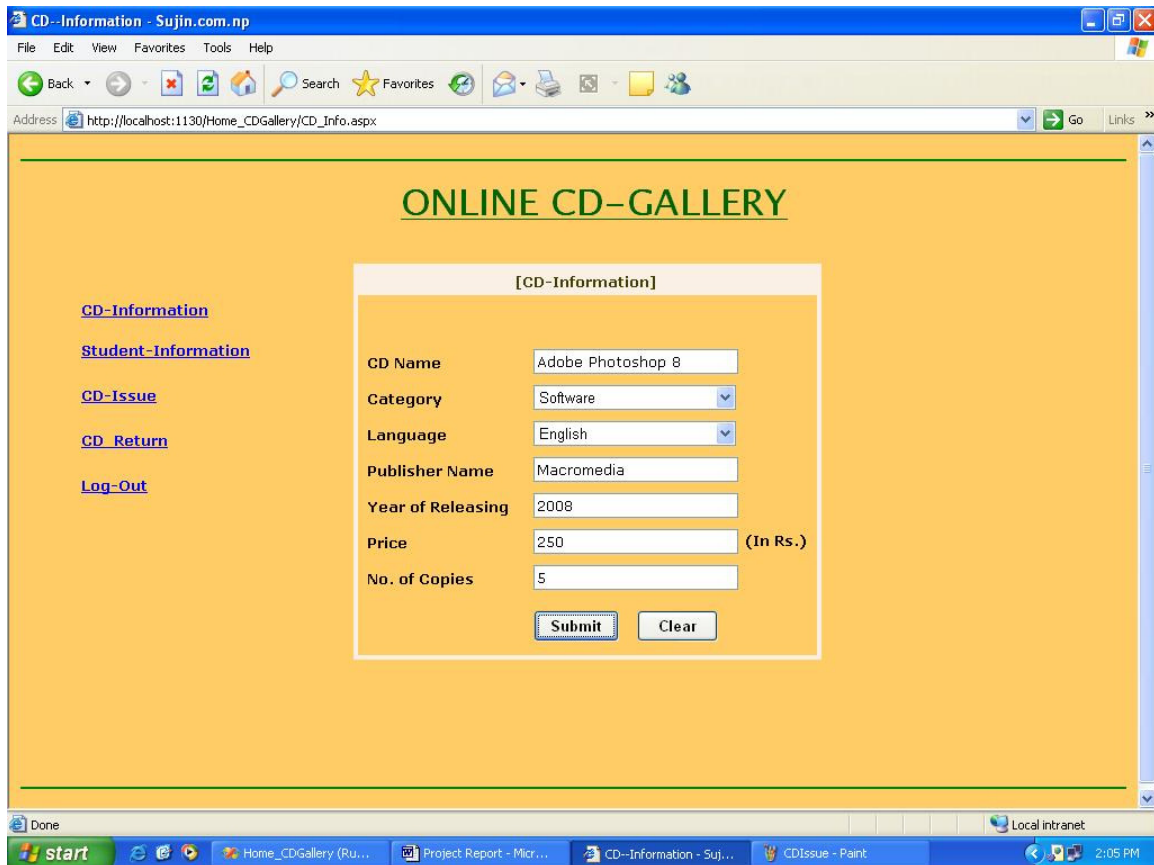
- UserName:
- Password:
- Confirm Password:
- Buttons:
- Link: [<< Back](#)

The Windows taskbar at the bottom shows the Start button, several open applications (Home\_CDGallery, Project Report, Login - Paint, Create New User - Su...), and the system clock showing 2:12 PM on a Local intranet.

# Online CD Gallery

## 3. CD Information Form-

This form enables the Administrator to fill the name of CD and there details.



The screenshot displays a web browser window with the address bar showing `http://localhost:1130/Home_CDGallery/CD_Info.aspx`. The page content is as follows:

**ONLINE CD-GALLERY**

[CD-Information](#)  
[Student-Information](#)  
[CD-Issue](#)  
[CD\\_Return](#)  
[Log-Out](#)

[CD-Information]

CD Name	<input type="text" value="Adobe Photoshop 8"/>
Category	<input type="text" value="Software"/>
Language	<input type="text" value="English"/>
Publisher Name	<input type="text" value="Macromedia"/>
Year of Releasing	<input type="text" value="2008"/>
Price	<input type="text" value="250"/> (In Rs.)
No. of Copies	<input type="text" value="5"/>

# Online CD Gallery

## 4. Customer Information Form-

This Form is created for Administrator to fill up the name of customer and their details.

The screenshot displays a web browser window with the following details:

- Browser Title:** Customer-Information - Sujin.com.np
- Address Bar:** http://localhost:1130/Home\_CDGallery/Cust\_Info.aspx
- Page Title:** ONLINE CD-GALLERY
- Form Title:** [Student-Information]
- Form Fields:**
  - Student Name: Manish Kumar Jain
  - Address: Tonk Phatak
  - Gender:  Male  Female
  - Enrollment No.: MCA/1057
  - Contact No.: +919876543210
  - Email-ID: mkjainiim@gmail.com
  - Discount: 5 %
- Buttons:** Submit, Clear
- Navigation Links:** [CD-Information](#), [Student-Information](#), [CD-Issue](#), [CD\\_Return](#), [Log-Out](#)

# Online CD Gallery

## 5. CD Issue Form-

This form is used by the authenticated user so that they can issue the CD to the particular customer.

The screenshot shows a web browser window titled "CD-Issue - Sujin.com.np". The address bar shows "http://localhost:1130/Home\_CDGallery/CD\_Issue.aspx". The form is titled "CD-Issue" and is divided into three main sections:

- [CD-Information]**
  - CD Name: C Language
  - Language: English
  - Year of Releasing: 2007
  - No. of Copies: 5
  - Category: Study Material
  - Publisher Name: Kanitkar
  - Price: 200 (In Rs.)
- [Student-Information]**
  - Student Name: Ayush Sogani
  - Gender: Male
  - Enrollment No.: MCA/1066
  - Discount: 2 %
  - Address: Jaipur
  - Contact No.: 655
  - Email-ID: ghfg@hhj.com
- [CD-Issue-Details]**
  - Issue-Date: 24-05-2008
  - Return-Date: 25-05-2008
  - Issue-Time: 02:04
  - Return-Time: 02:04
  - After: 1 Days
  - Advance: 12 (In Rs.)
  - Rent: 12
  - Fine: 5 (In Rs.)

Buttons: Issue, Clear

# Online CD Gallery

## 6. CD Return Form-

This form facilitates the administrator to return the CD that can be issued to the customer and calculating fine.

The screenshot shows a web browser window titled "CD-Return - Sujin.com.np" with the address bar showing "http://localhost:1130/Home\_CDGallery/CD\_Return.aspx". The page has a yellow background and contains three main sections: CD-Information, Student-Information, and CD-Return-Details. On the left side, there is a navigation menu with links for "CD-Information", "Student-Information", "CD-Issue", "CD Return", and "Log-Out".

[CD-Information]	
CD Name	C Language
Language	English
Year of Releasing	2007
No. of Copies	4
Category	Study Material
Publisher Name	Kanitkar
Price	200 (In Rs.)

[Student-Information]	
Student Name	Ayush Sogani
Gender	Male
Enrollment No.	MCA/1066
Discount	2 %
Address	Jaipur
Contact No.	655
Email-ID	ghfg@hhj.com

[CD-Return-Details]	
Return-Date	25-05-2008
Issue-Date	24-05-2008
Due	0 (In Rs.)
Return-Time	02:17
Issue-Time	02:14
Total Fine	(In Rs.)

Buttons: Return, Clear

# CONCLUSION

## Online CD Gallery

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From a proper analysis of positive points and constraints on the component, it can be safely concluded that the product is a highly efficient GUI based component. This component can be easily plugged in many other systems.

Also the component is user friendly. Generally the owner of the CD Gallery has to face a lot of problems in management of the inflow and outflow of the CD's to the consumer. This all information has to be managed manually. So, there is a need to develop a system that can solve the mentioned problem. This software comes with just that solution.

# BIBLIOGRAPHY

### **Books:**

- Pro ASP.NET 3.5 in C# 2008 (Apress)
- Unleashed ASP.NET 2.0 (SAMS Publication)
- ASP.NET Bible
- The Complete Reference Asp.net
- Professional VB.NET 3.5 with Visual Basic (Wrox)
- Software Engineering A Practitioner's Approach by Roger S. Pressman (TMH)

### **Websites:**

- [www.microsoft.com](http://www.microsoft.com)
- [www.codeproject.com](http://www.codeproject.com).