



## **Graphical User Interface and Architecture Design**

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## GUI for Departmental ID card management System

### Home page

CS DEPARTMENTAL ID CARD MANAGEMENT SYSTEM

Home Faq


Enter the ID and Password to submit or modify your personal detail

ID :

PASSWORD :

Student

[Forgot Password](#)

 New User

If you do not have an account on this system, Please contact the ID card management administration to get your login detail and password.

### Introduction

This ID card management system helps the students to develop and manage the ID card in systematic way. It is easy to use. Some web based tools are also used in this system, Student can submit their detail easily. After Logging into the system...

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Figure: 1 Home Page

Home is designed in such a way that Student, ID card designing faculty and ID card printing faculty can logged in to see there accounts...

Student, Designer and Printing faculty can get there new account details from the Administration.

Forgot password link is used to send the password via email.

## Student access Area

The screenshot shows the 'Student access Area' for the 'CS DEPARTMENTAL ID CARD MANAGEMENT SYSTEM'. The page includes a navigation menu with links for 'Add your Detail', 'Upload your picture', and 'Modify your Detail'. The main form, titled 'Submit your information', contains the following fields:

- Full Name: Click to Enter your name...
- Father Name: Click to enter your father name...
- Sex:  Male  Female
- NIC Number: Enter your NIC number
- Date of Birth: 1 January 1999
- Roll Number: 1
- Course: BSIT
- Session: 2004
- Contact Number: [Empty field]
- Email Address: [Empty field]

A 'Submit Profile' button is located at the bottom of the form. The footer text reads: 'Developed and Maintained by Group4 BSIT 2007'.

Figure: 2 Profile submission page

Submit your Information page is used to upload the complete bio data of the student in the ID card system data base.

Student can submit following information by using this page.

- Full Name:
- Father Name:
- Sex:
- NIC Number:
- Date of Birth:
- Roll Number:
- Course:
- Session:
- Contact Number:
- Email Address:

CS DEPARTMENTAL ID CARD MANAGEMENT SYSTEM

Welcome Dear student! Home Faq

**Navigation** ▼  
[Add your Detail](#)  
[Upload your picture](#)  
[Modify your Detail](#)

**Modify your information**

Full Name: Mr. Tk  
Father Name: Mr. AA  
Sex:  Male  Female  
NIC Number: 32210-0201-2121 Please write your NIC number...  
Date of Birth: 1 January 1999  
Roll Number: 1  
Course: BSIT  
Session: 2004  
Contact Number: 03146113746 You can use only numeric values...  
Email Address: webmaster@gulga

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Figure: 3 Profile submit Error page

The above error page will display if there is any mistake done by the student during submitting their complete detail.

Upload Picture page with display Picture uploading instructions and Picture uploading field to upload 1 picture for each student.

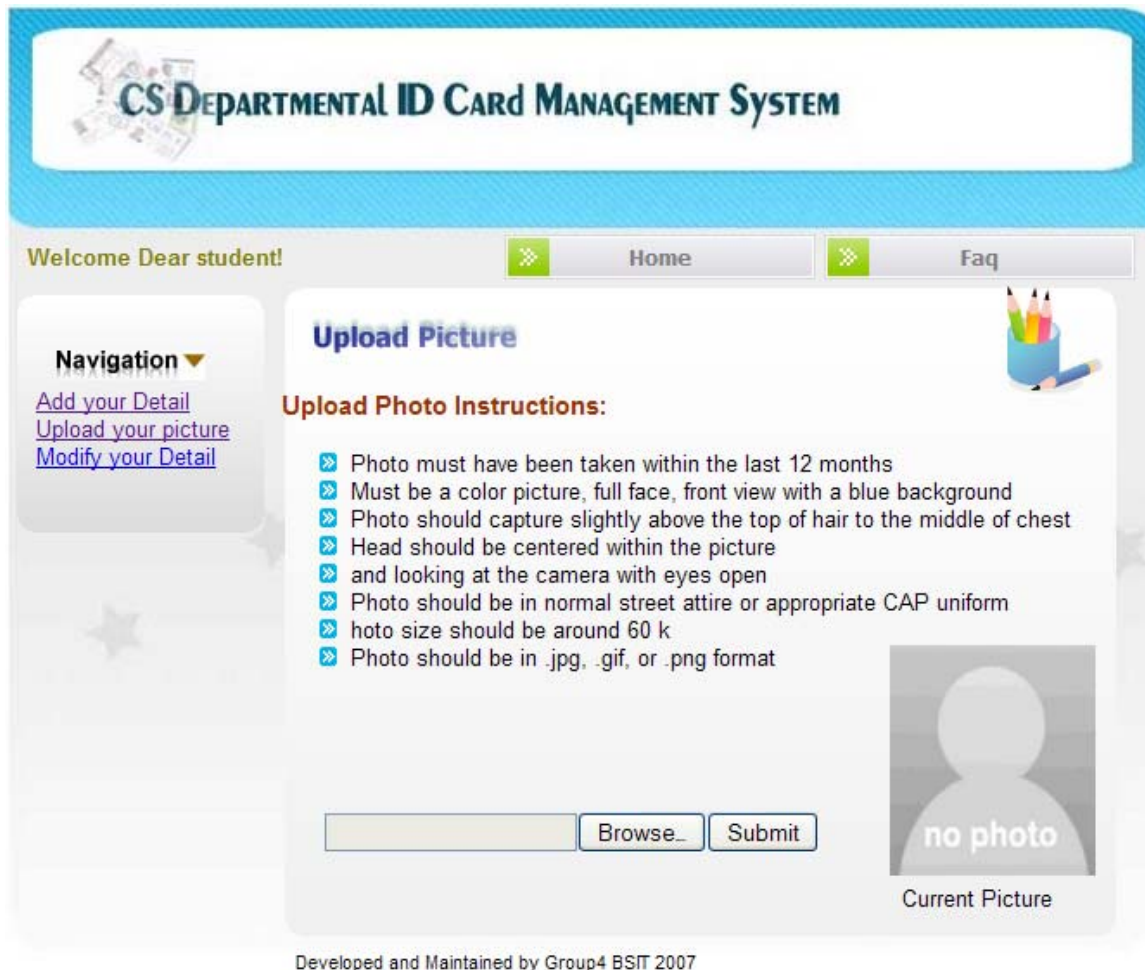
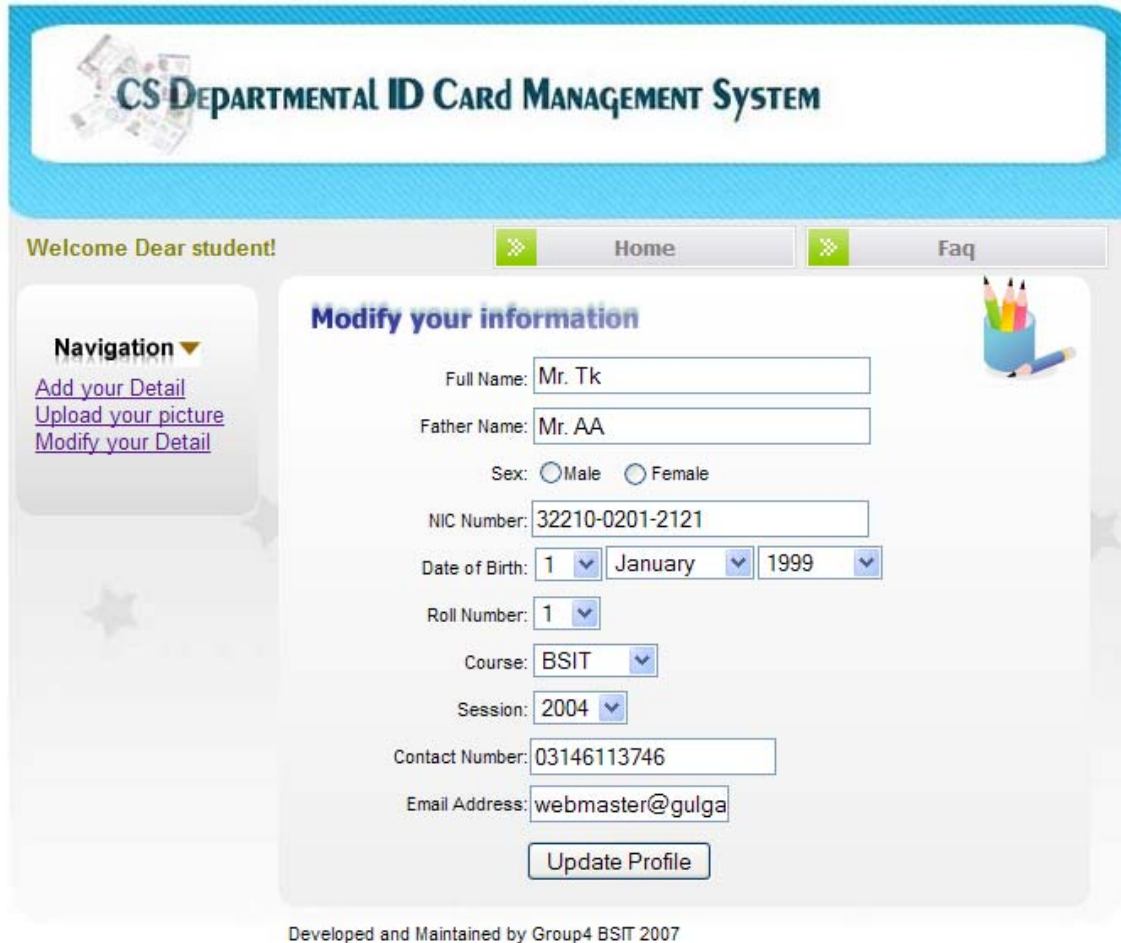


Figure: 4 Upload picture page

## GUI and Architecture Design for CS Departmental ID card management system

Modify your Detail page is available, if student was to change his information. But it is not necessary because mostly students submit the accurate detail for getting the right ID card.



The screenshot displays the 'Modify your information' page of the CS Departmental ID Card Management System. The page features a blue header with the system name and a navigation bar with 'Home' and 'Faq' links. A 'Welcome Dear student!' message is shown. On the left, a 'Navigation' menu includes links for 'Add your Detail', 'Upload your picture', and 'Modify your Detail'. The main content area contains a form with the following fields: Full Name (Mr. Tk), Father Name (Mr. AA), Sex (radio buttons for Male and Female), NIC Number (32210-0201-2121), Date of Birth (1 January 1999), Roll Number (1), Course (BSIT), Session (2004), Contact Number (03146113746), and Email Address (webmaster@gulga). An 'Update Profile' button is located at the bottom of the form. A small icon of a pencil holder is visible in the top right corner of the form area.

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Figure: 5 Modify the current detail

## ID card designing Faculty Area




When ID card designing faculty logged into the ID card management system This page will display to him with all the list of the students who submitted their detail in the database.

**CS DEPARTMENTAL ID CARD MANAGEMENT SYSTEM**

Welcome Dear Designing Faculty! Home Faq

**Navigation** ▾  
[New Student Details](#)  
[Upload New ID Card](#)

**Designer Panel**  
List of new Submitted detail of students  
Click on the Photo to get the complete information

	Muhammad Taha Khan Course: BSIT Session: 2007-2011 Roll Number: 06		Sadia Rasheed Course: BSIT Session: 2007-20 Roll Number: 13
	Muhammad Aatif Aneeq Course: BSIT Session: 2007-2011 Roll Number: 15		Muhammad Usm Course: BSIT Session: 2007-20 Roll Number: 17
	Bukhtiyar Ali Course: BSIT Session: 2007-2011 Roll Number: 18		

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Figure: 5 Designer Area main page



## GUI and Architecture Design for CS Departmental ID card management system

When designer will click on the Picture of the students in the list as showing on the last page . It will display the complete detail of the student submitted.

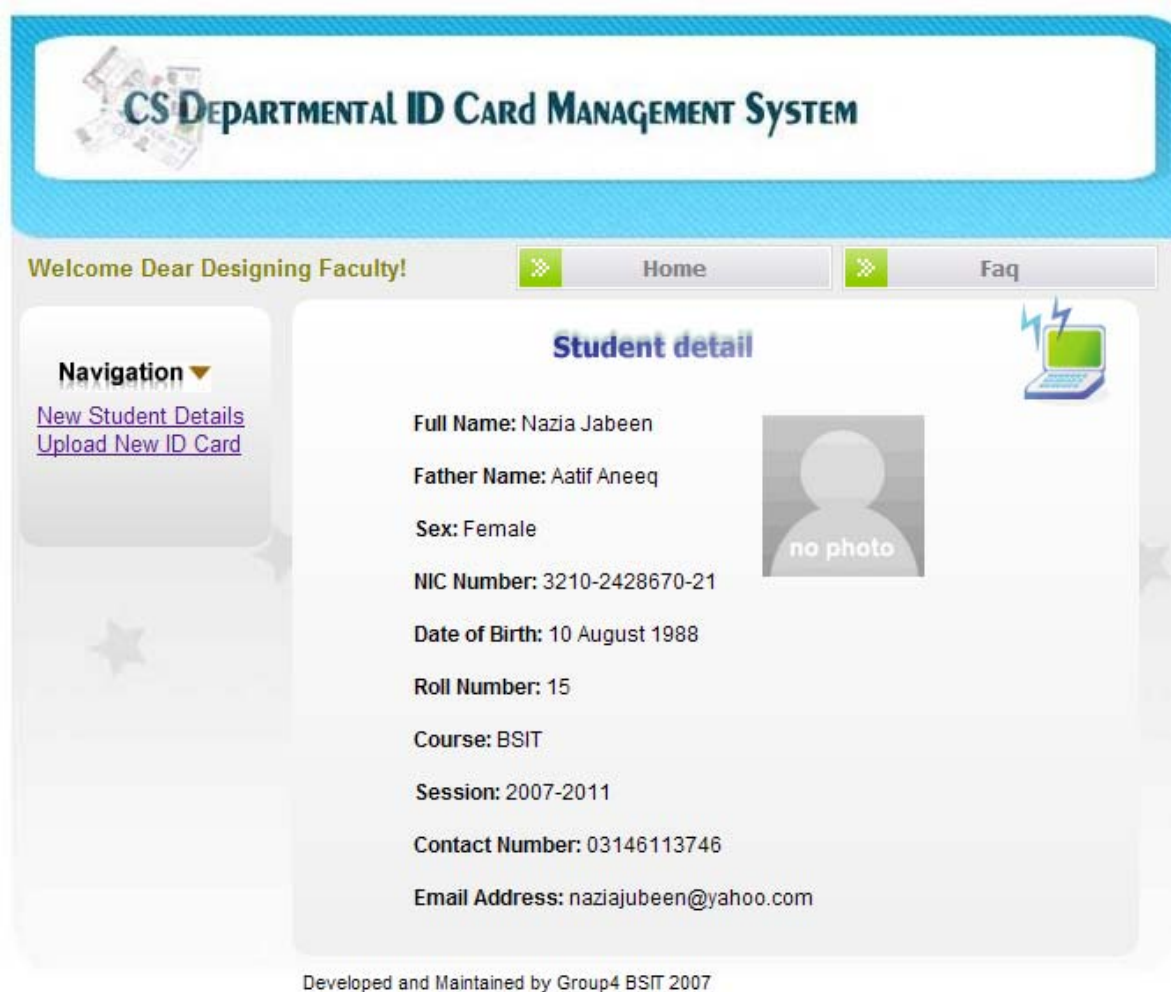


Figure: 6 Designer Area Submitted detail of the user.

By the above page designer will gather the information for designing a new ID card for the student. After designing the new by using the specific software and templates for each course .



Figure: 7 Uploading New ID card after development

After development of all cards Designer will upload the all cards by using the above page. He can upload ID cards in bulk. By clicking on the Option available in the system ... More instructions about the uploading fresh developed ID card are also in the upload page.

## ID card Uploaded Successfully Page in the Designer Area.

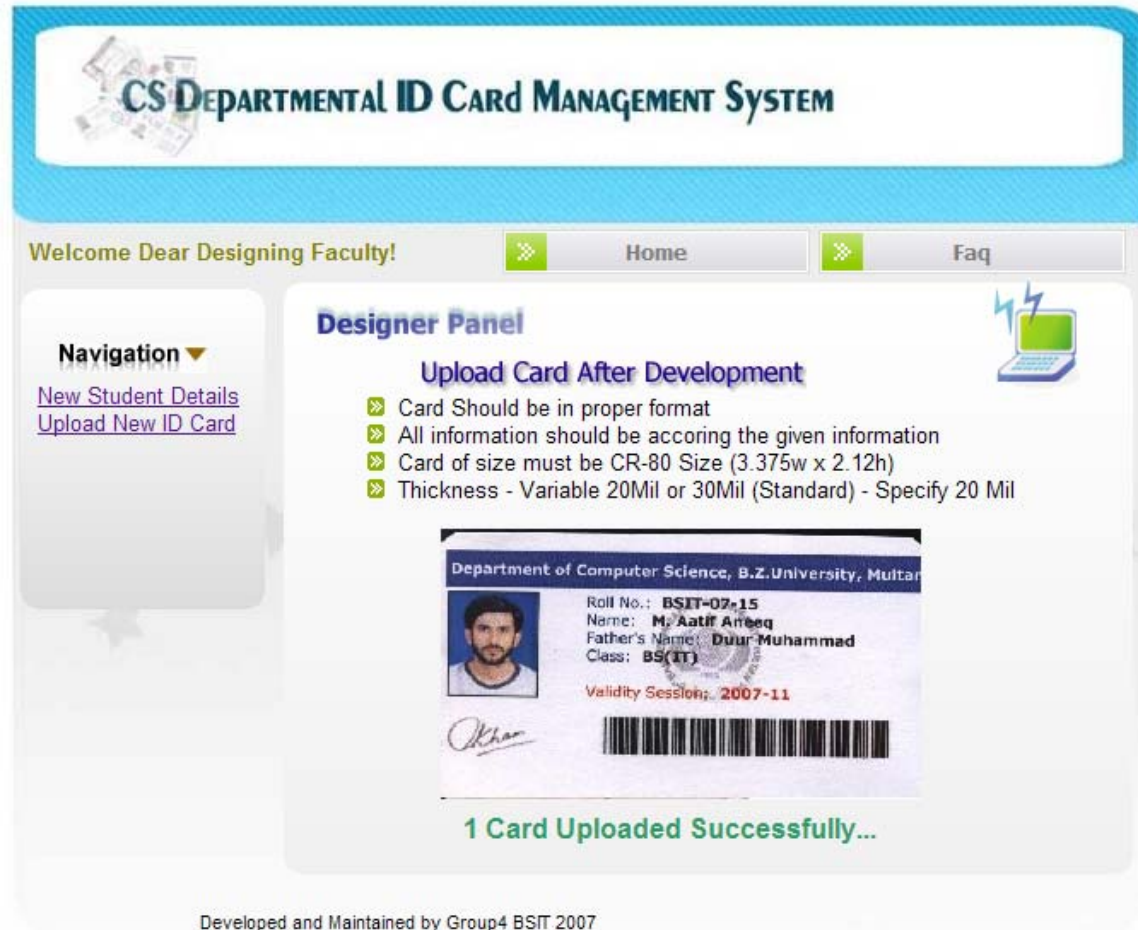


Figure: 8 Card uploaded successfully

## Printing Faculty Area

After logged it Printing faculty will go through the page which show all the uploaded ID cards in the data base by the ID card designer.

He/She can Browse the all ID cards by clicking on the **Next Card >>** Button, as showing in the following screenshot.

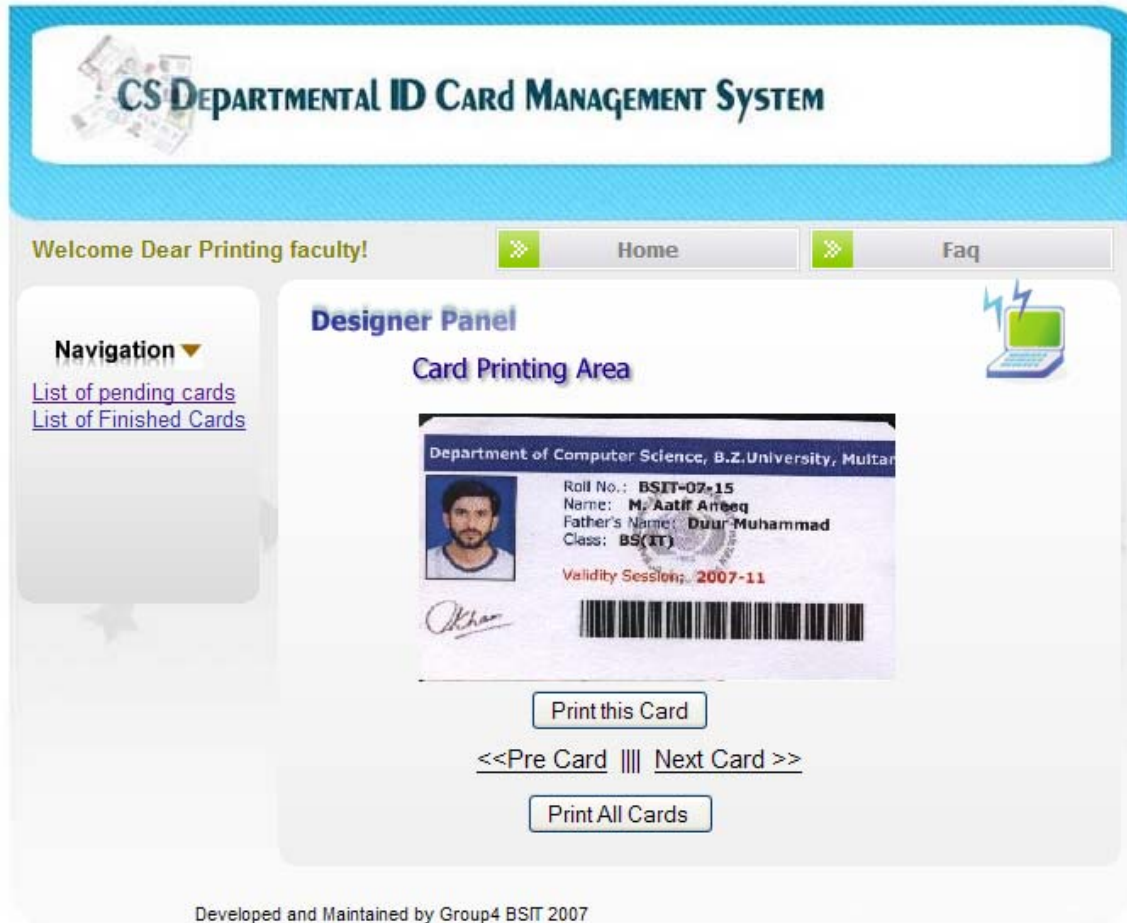


Figure: 9 Print ID card page

When he/she will press the Print the card button System will start printing the card.

Print all Cards button provide the facility to print all the cards uploaded by the Designer.

System will automatically move the cards from this list to the Finished ID cards pages.

## GUI and Architecture Design for CS Departmental ID card management system

This page will display all those cards which has been printed and completed.

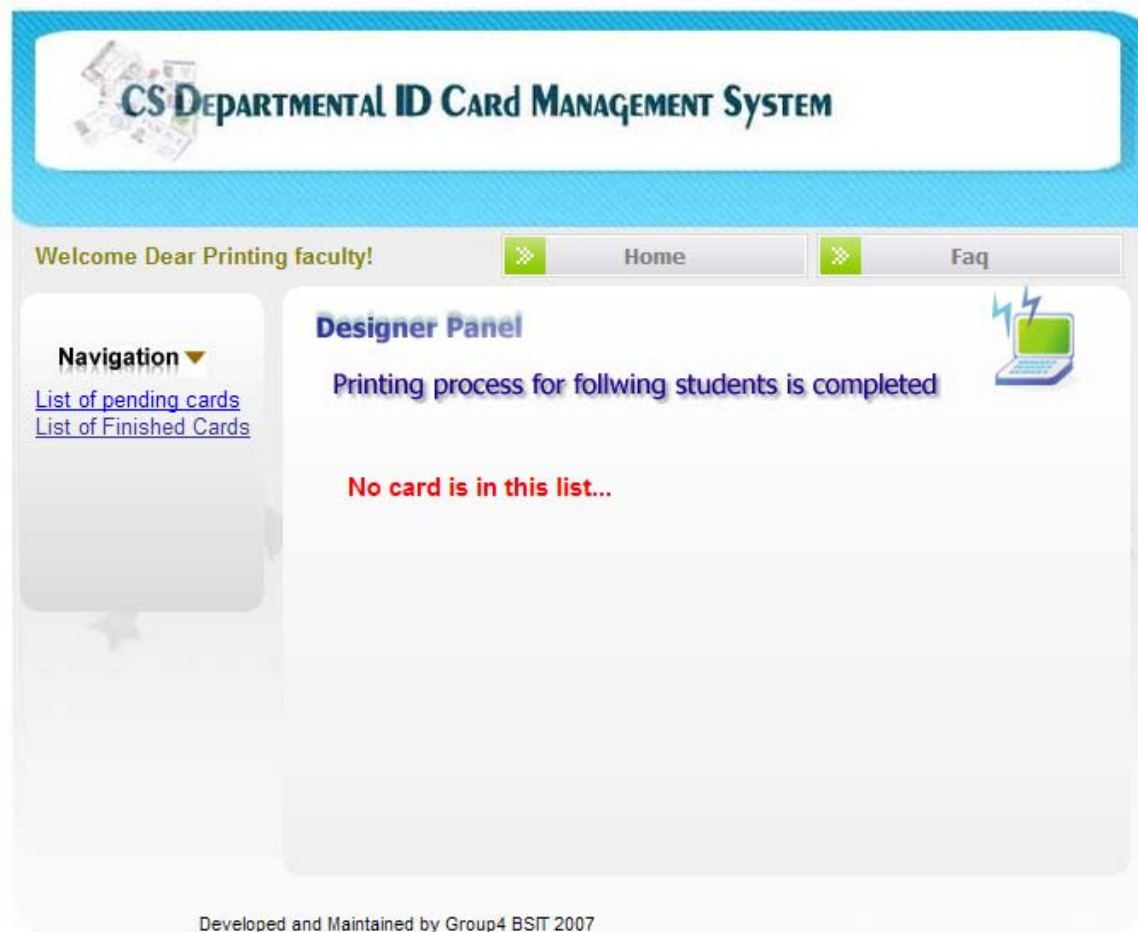
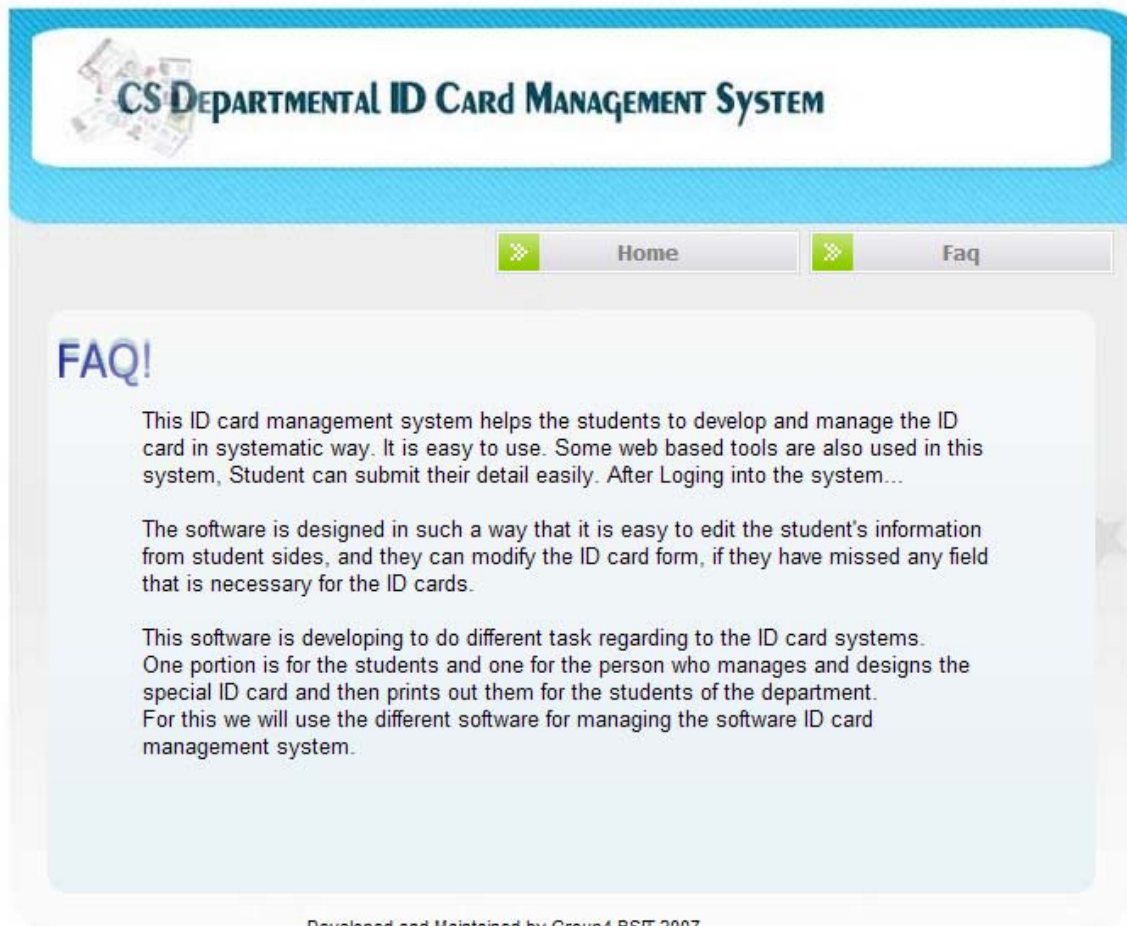


Figure: 10 all completed ID cards

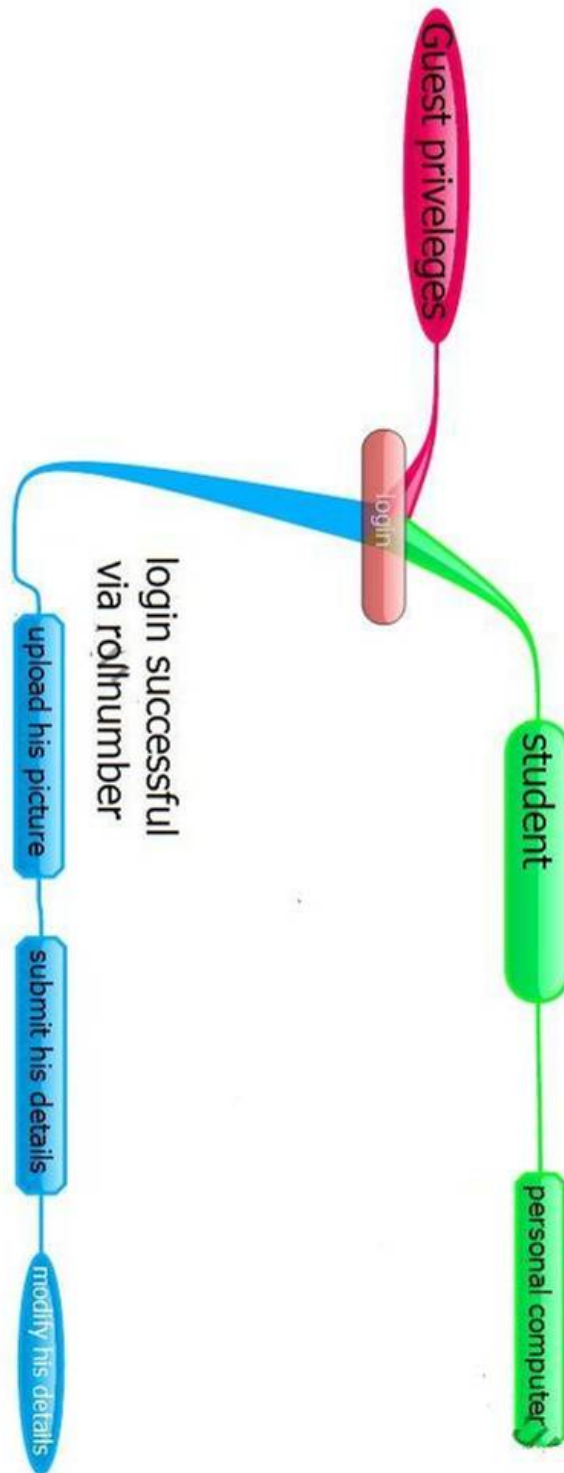
## GUI and Architecture Design for CS Departmental ID card management system

FAQ page contains all Frequently Asked Question in summarized form.



**we have used following architecture in ID card managements system.**

Figure: 11 Architecture Design for Student Login Area



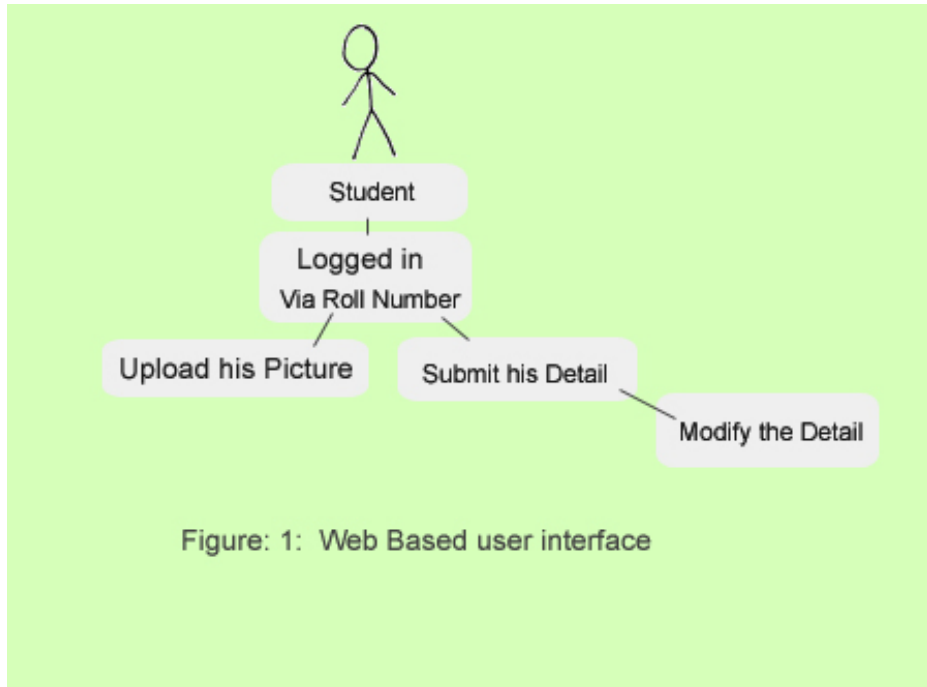


Figure: 1: Web Based user interface

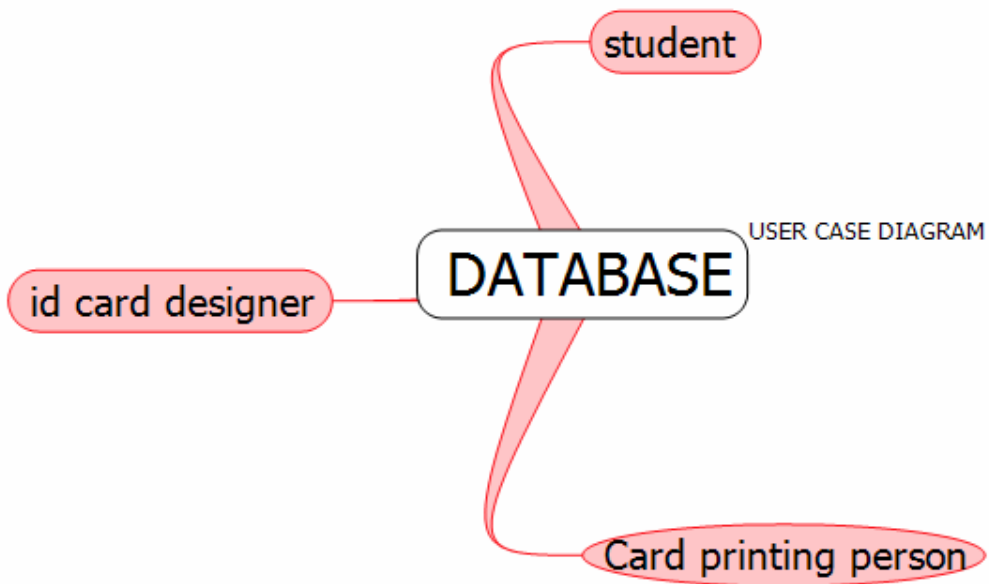


Figure: 12 Object Model Decomposition



Figure: 13 Architecture design.

