

CS 345
Databases Lab

Final Project
Title: Cours Resource Management
Documentation

User Manual

Group 10 :
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B.Tech 3rd Year, CSE

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How to Use the Application?

What follows are the steps to use the website:

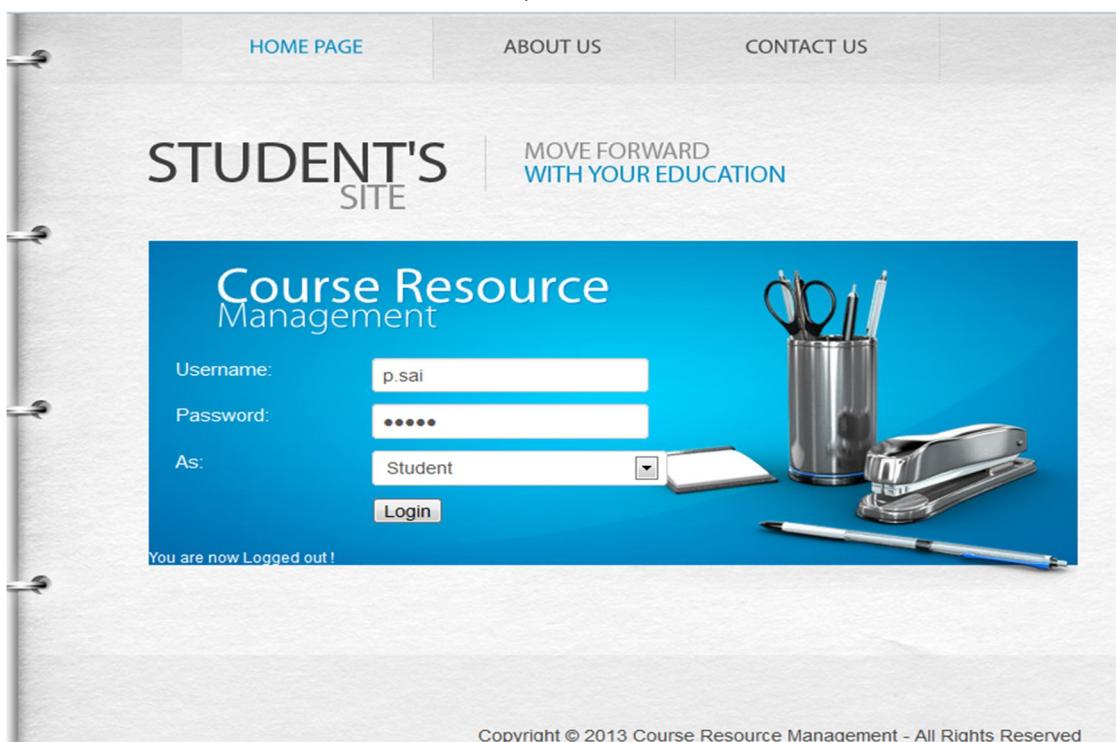
Different Users in the Website:

Please use the following users for initial testing of the website (These are the users who are already present in the database – who can be used for testing the website)

- Student: Students are the candidates who enrol towards the courses.
Presently, the students in the database are:
 - Username: p.sai Password: p.sai
 - Username: p.dileep Password: p.dileep
- Instructor: Instructors are the ones who teach the courses.
Presently, the instructors in the database are:
 - Username: srs Password: srs
- Admin: Admins are the ones who maintain the website.
Presently, the admins are:
 - Username: admin Password : admin

Login:

- The starting page of the website would be 'index.php'
- For initial login, you may use the above provided usernames and passwords. Use the usernames corresponding to the person type selected (i.e., p.sai as 'student', srs as 'instructor', admin as 'admin', etc.)



Personal Profile:

- Under the 'Categories' part on the left, we have the 'Personal Profile' link, which dynamically shows the Personal Information of the user, be it a student or an instructor.
- There is also, a 'Track of your Files' section, which would display the current list of files uploaded by the user corresponding to all the Courses he is currently related to (be it a student or an instructor)

The screenshot shows a web application interface for a student site. At the top, there is a header with the text "STUDENT'S SITE" and "MOVE FORWARD WITH YOUR EDUCATION". On the left, a sidebar titled "CATEGORIES" lists links: "Courses", "Personal Profile" (which is highlighted in blue), "Change password", "Message (0)", and "Logout". The main content area is divided into two sections: "PERSONAL INFORMATION.." and "A TRACK OF YOUR FILES :".

PERSONAL INFORMATION..

| | |
|---------------|----------|
| Name : | Venkat |
| Webmail_id : | p.sai |
| Roll number : | 10010149 |
| Semester : | 6 |
| Year : | 2013 |

A TRACK OF YOUR FILES :

| Name | Description | Course | Time |
|----------------------------------|---|--------|---------------------|
| practise3-13.pdf | This is the tutorial for optimization. It serves as repository.... Try solving the questions and lets score maximum is quiz | CS344 | 2013-04-13 14:08:23 |
| README.txt | hehe | CS344 | 2013-04-13 15:19:02 |

List of Courses:

- Let us say, we are logged in as a 'Student'
- After logging in, the Student will be displayed all his/her current courses. You can see the list of all courses enrolled by the student present as links under the 'Here are your courses' heading.
- With respect to each course, the title, description and the syllabus of each course is displayed
- Click on any link to enter in the 'course page' corresponding to each course
- Say now, we click on the link corresponding to 'CS344-Databases' course.
- Hence, the course page corresponding to Databases would now be opened
- Note: Similarly, in the case of Login as an *Instructor*, the courses page would contain the list of all courses being taught by the instructor – clicking on any course would lead to the Course page of the course taught by the instructor

CATEGORIES

- [Courses](#)
- [Personal Profile](#)
- [Message \(0\)](#)
- [Logout](#)

HERE ARE YOUR COURSES..

Databases - CS344

Syllabus:

Data models with emphasis on the relational model; Database design with E-R model; Relational algebra and calculus; query Languages (specifically SQL); RDBMS design; File & system structure: indexed sequential, hashed, dynamic hashed, B-trees; Query processing; Concurrency control; error recovery; security; Case studies like ORACLE, Mysql, etc.; Introduction to Open Database Connectivity, Client-Server environment etc.

Compilers - CS346

Syllabus:

Overview of different phases of a compiler: front-end; back-end; Lexical analysis: specification of tokens, recognition of tokens, input buffering, automatic tools; Syntax analysis: context free grammars, top down and bottom up parsing techniques, construction of efficient parsers, syntax-directed translation, automatic tools; Semantic analysis: declaration processing, type checking, symbol tables, error recovery; Intermediate code generation: run-time environments, translation of language constructs; Code generation: flow-graphs, register allocation, code-generation algorithms; Introduction to code optimization techniques.

Networks - CS348

Syllabus:

Evolution of computer networks; Data link layer: Framing, HDLC, PPP, sliding window protocols, medium access control, Token Ring, Wireless LAN; Virtual circuit switching: Frame relay, ATM; Network Layer: Internet addressing, IP, ARP, ICMP, CIDR, routing algorithms (RIP, OSPF, BGP); Transport

Course Page:

- Now, we have the Course page corresponding to a Course – say, for CS344 with us.
- The course would show all the Latest updates of the course, in the centre of the page. These updates can be added by an instructor and they would be *dynamically* displayed in the page
- If the user is a *Student*, he would be just displayed the latest updates of the course in this page
- If the user is an *Instructor*, apart from the latest updates being displayed, an additional option to add an update is also present.

DATABASES - CS344

CATEGORIES

- [Courses](#)
- [Personal Profile](#)
- [Quiz](#)
- [Message \(0\)](#)
- [Logout](#)

LATEST UPDATES

2013-04-13 11:34:30

no clas

ther iwill be no class next semester....

2013-04-13 03:06:53

pls work

At this moment I cannot provide any documents of Indian legislature(acts), which claim that this is wrong & illegal. But I'm sure we'd all agree that this kind of atrocities are immoral. The most pathetic feeling was my incapability to help that kid. I went to him & asked him his name & age politely. He was scared & he lied to me that his age was 18. I know that a kid that young can't be 18 years old.

2013-04-08 07:00:00

quiz2 on wed

Saikrishna Budamgunta IRS, a 2006 batch alumni is in campus right now . He plans to stay in the campus tonight . We all have a wonderful opportunity to meet him and learn from his experiences . All those who are Civil Service aspirants or even have a slight bit of inquisitiveness about it are requested to get together in the EEE Departmental library , core 2 , Academic complex . Some particulars about him .

Course Files page:

- Click on the 'Files' tab on the Top of the Page – this leads to the Course Files page
- This page implements the Files module of the website
- All the Documents corresponding to a page would be displayed here
- For example, for CS344, the documents corresponding to the Course would be displayed here...
- Any user related to a course can view the documents related to that course under 'Track of Files' section within this page
- As you can observe, the name, description, uploaded by and time fields w.r.t each file uploaded would be displayed here

The screenshot shows the 'FILES' tab selected in the top navigation bar. The main content area displays the title 'DATASES - CS344'. On the left, there's a sidebar with 'CATEGORIES' containing links for 'Courses', 'Personal Profile', 'Quiz', 'Message (0)', and 'Logout'. The main area has sections for 'SEARCH FILES' (with fields for File Name, Uploaded by, Description, Filter, and reset) and 'UPLOAD FILE' (with a file input field and 'Browse...' button). Below these is a 'Description:' text area and a 'Submit' button. At the bottom, there's a section titled 'TRACK OF FILES..' containing a table with one row. The table has columns for Name, Description, Uploaded by, and Time. The row shows a file named 'practise3-13.pdf' with the description: 'This is the tutorial for optimization. It serves as repository.... Try solving the questions and lets score maximum is quiz'. The 'Uploaded by' column shows 'p.sai' and the 'Time' column shows '2013-04-13 14:08:23'. There are 'Delete' and 'Download' buttons next to the file name.

| Name | Description | Uploaded by | Time |
|------------------|---|-------------|---------------------|
| practise3-13.pdf | This is the tutorial for optimization. It serves as repository.... Try solving the questions and lets score maximum is quiz | p.sai | 2013-04-13 14:08:23 |

- Upload a New File:
 - A new file can be uploaded under the 'Upload file' section
 - Select the file to be uploaded under browse and upload it giving a description of the file
 - If the file is of valid type, then, it will be uploaded successfully
 - Both *Student* and *Instructor* can upload files into the Course Files page. So, try with both kinds of users.

UPLOAD FILE

File to Upload:

Description :

TRACK OF FILES..

| Name | Description | Uploaded by | Time |
|----------------------------------|---|-------------|------------------------|
| practise3-13.pdf | This is the tutorial for optimization. It serves as repository.... Try solving the questions and lets score maximum is quiz | p.sai | 2013-04-13 14:08:23 |
| README.txt | hehe | p.sai | 2013-04-13 15:19:02 |
| errors.txt | This an error file | srs | 2013-04-13 15:22:42 |

- Report Spam Feature:
 - It is possible that an illegal file may be uploaded into the Course files page – So, any user can *report* a file to be *Spam* by clicking on the ‘Report Spam’ button w.r.t each file in the course files page
 - As a user reports a file as spam, the report would be displayed corresponding to that file
 - Then, the instructor can look through the spam reports and can delete the files upon his will
- Delete a File:
 - A file can be deleted can by pressing on the ‘Delete’ button corresponding to each file
 - Privileges:
 - If *Student*: A student can delete the files corresponding to his account only, i.e., he can delete only the files uploaded by him
 - If *Instructor*: An Instructor can delete the files uploaded by him as well as uploaded by any student of the course as well
 - So, try with both kinds of users
- Search module:
 - Apart from normally displaying all the documents for the course, only those documents based on the Search query can be selectively displayed

- Search can be specified w.r.t any field, i.e., w.r.t filename, description, or the uploader and the results would be then displayed accordingly
- Search has the power to match the original strings corresponding to the substrings given as the parameters as well

SEARCH FILES

File Name Uploaded by Description Filter [reset](#)

Course Threads page:

- Click on the 'Threads' tab on the Top of the Page – this leads to the Course threads page
- This page implements the threads module of the website
- All the threads corresponding to a course would be displayed here
- For example, for CS344, the threads corresponding to the Course would be displayed here...
- Any user related to a course can view the threads related to that course in this page
- As you can observe, the thread name, description, author fields w.r.t each thread would be displayed here

HOME PAGE COURSE PAGE FILES THREADS

DATABASES - CS344

CATEGORIES

- Courses
- Personal Profile
- Quiz
- Message (1)
- Logout

[Create a new Thread](#)

Click to create new thread

SEARCH THREADS

| | | | |
|-----------------------|-----------------|-------------------------|------------------------------|
| Thread Name system | Author p.sai | Description internet | Filter reset |
|-----------------------|-----------------|-------------------------|------------------------------|

Fill sample search entries to see search result

| S. No. | Thread Name | Author | Description |
|--------|-----------------------|----------|---|
| 1 | This is waste | p.dileep | waste |
| 2 | Instructor thread | srs | Instructor desc |
| 3 | Communication systems | p.sai | Communication is the basis of any civilization none of the technologies that we use today viz. internet, mobile etc were created within 10000Km radius of this place and the administration here imposes timing constraints on the usage of internet and places so many restrictions on the movement of students. I would like to know that by what percentage has the attendance of students increased in the classes after imposing another restriction of no-internet between 2-5PM from last two years or more or less stopping the DC from operation in the institute.... They should give some thought to the actual roots of this problem and not just finding a way to mitigate one problem by imposing one restriction after the other and creating five other problems for the students.... |
| 4 | Endsem | p.sai | This thread is focussed for those students who are having doubts in end semester database. Sharath sent me a personal message for help in BCNF so this will help him.... |
| 5 | when is the quiz | p.sai | |

Click to view comments page

Delete thread

Edit thread

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- Create new thread:
 - A new thread can be created under the 'Create new thread' section
 - Fill the thread name and description in the modal opened.
 - Both *Student* and *Instructor* can create threads into the Course threads page.
So, try with both kinds of users

CATEGORIES

- Courses
- Personal Profile
- Quiz
- Message (1)
- Logout

Create a new Thread

SEARCH THREADS

Thread Name

Author

| | Thread Name | Author | Description |
|---|-----------------------|--------|--|
| 3 | Communication systems | p.sai | Communication is the basis of any civilization none of the technologies that we use today viz. internet, mobile etc were created within 10000Km radius of this place and the administration here imposes timing constraints on the usage of internet and places so |

Close Submit

- Search module:
 - Apart from normally displaying all the threads for the course, only those threads based on the Search query can be selectively displayed
 - Search can be specified w.r.t any field, i.e., w.r.t thread name, description, or the author and the results would be then displayed accordingly
 - Search has the power to match the original strings corresponding to the substrings given as the parameters as well
- Edit thread:
 - The author of the thread can edit the thread by clicking on the blue icon in the last column of the thread table. A modal opens and user can edit the thread.
 - Only author of the thread can edit it.

HOME PAGE COURSE PAGE FILES THREADS

DATABASES -

CATEGORIES

- Courses
- Personal Profile
- Quiz
- Message (1)
- Logout

Create a new Thread

SEARCH THREADS

Thread Name

Communication systems

Description

Communication is the basis of any civilization none of the technologies that we use today viz. internet, mobile etc were created within 10000Km radius of this place and the administration here imposes timing constraints on the usage of internet and places so many restrictions on the movement of

Close Edit

| | Thread Name | Author | Description |
|---|--------------------|----------|-----------------|
| 1 | This is waste | p.dileep | waste |
| 2 | Instructoir thread | srs | Instructor desc |

- Delete thread:
 - The author of the thread can delete the thread by clicking on the red icon in the last column of the thread table
 - Author of the thread can delete it.
 - Instructor can delete any thread.
- Comments Module:
 - Clicking on the thread name in second column takes user to comments page, where discussion corresponding to the thread is present.
 - Here the user can write comments.
 - User can delete and edit his own comments same as threads module.
 - Instructor of the course can delete any comment.

CATEGORIES

- Courses
- Personal Profile
- Message (1)
- Logout

COMMUNICATION SYSTEMS - 54

| S.No. | Comment | Author |
|-------|---|--------|
| 1 | Amit, I have been telling you for the last one week that most of our undergraduates are more interested in irrelevant things like DC++ than in the quality of teaching or research done here. Just ignore them, and concentrate on your research! It would be more useful to you and the society. After all, we get paid by the taxpayers and we should focus on giving something back to them, rather than solving irrelevant childish complaints of students here. | p.sai |
| 2 | Saswata Sharmigrabi you have joined this institute in Nov 2011 and have become a professor for the first time i.e. 17 months in IITG, we the fourth yearites on the other hand have already spent 4 years. Secondly, you have done your PhD from TIFR which does not have a bachelor programme so when it comes to problems faced by bachelor students you know little. So, if someone is laying out some good points others who know less should listen and ponder upon it. Your statement "After all, we get paid by the taxpayers and we should focus on giving something back to them, rather than solving irrelevant childish complaints of students here." has already told me a lot about you and to be frank I was expecting you to comment over here as you have played a pioneering role in few of the restrictions. Good for you that you want to conduct some good research over and Good Luck for that. I wish that you do not get any BTech student to work with in the future whom you hate so much. And regarding your statement and usage of words like "irrelevant" and "childish" tells me that you have the capability to work without internet. I will tell you something just impose these restriction on yourself i.e. no internet between 8AM to 5PM and 2AM to 5AM for a couple of months then may be you will realize how these words sound to me.... | p.sai |

Comment

News Feed:

- After logging in click on any course say CS344 Databases
- User gets directed to course page where he can view recent news updates about the course.
- Only instructor can add news update by clicking "Update news"

DATABASES - CS344

CATEGORIES

- [Courses](#)
- [Personal Profile](#)
- [Quiz](#)
- [Message \(0\)](#)
- [Logout](#)

[Update news](#)

LATEST UPDATES

2013-04-13 18:27:25

Surprise Quiz !!!

Coming week can have a surprise quiz.. Be prepared ... !!!

2013-04-13 11:34:30

no clas

ther iwill be no class next semester....

Latest news updates of
the course databases

2013-04-13 03:06:53

pls work

At this moment I cannot provide any documents of Indian legislature(acts), which claim that this is wrong & illegal. But I'm sure we'd all agree that this kind of atrocities are immoral. The most pathetic feeling was my incapability to help that kid. I went to him & asked him his name & age politely. He was scared & he lied to me that his age was 18. I know that a kid that young can't be 18 years old.

2013-04-08 07:00:00

quiz2 on wed

Saikrishna Budamgunta IRS, a 2006 batch alumni is in campus right now . He plans to stay in the campus tonight . We all have a wonderful opportunity to meet him and learn from his experiences . All those who are Civil Service aspirants or even have a slight bit of inquisitiveness about it are requested to get together in the EEE Departmental library , core 2 , Academic complex . Some particulars about him .

2013-04-07 07:00:00

hello, this saturday no class

I'm hoping to know the views of academicians on my opinion that ACM/IEEE Student Memberships are a waste of money at the Undergraduate Level. Especially since IITG is already subscribed to all the publications and the individual departments subscribe to the respective monthly magazines in print from their funds.

2013-04-05 07:00:00

Slides are uploaded

I'm also wondering on a threat because of "ACM/IEEE" branding(necessary/unnecessary ?), some of the workshops by respective department's students/Special Interest Groups may turn premium in future! I think that ACM/IEEE Chapters should work (if they didn't already) with a motive that they'll not charge for a talk/workshop by using the "brand value" for something that's trivial and can be efficiently conducted using IITG's own fraternity. And, yes, I do agree that special talks (as may deemed necessary) require special guests which demands a fee to be collected from the attendees to compensate the expenditure which requires branding.

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Quiz module:

- Apart from sharing files, discussion forums etc, there is also an option for the student to take quiz which is related to some course.
- You can enter quiz module by click on the "quiz" in the "Categories". To be specific, the path from home page to take quiz is
 - Home Page -> Click on "Databases – cs344" course.

The screenshot shows a course page for "COMPILERS - CS346". At the top, there are navigation links: HOME PAGE, COURSE PAGE (which is highlighted in blue), FILES, and THREADS. On the left, a sidebar titled "CATEGORIES" lists "Courses", "Personal Profile", "Quiz" (which is highlighted with a yellow box), "Message (2)", and "Logout". In the main content area, there is a section titled "LATEST UPDATES" with two posts. The first post, by "now" on 2013-04-13 at 02:44:21, discusses a startup's eco-friendly products and organic cotton t-shirts. The second post, by "dasdef" on 2013-04-13 at 02:44:09, is a reply expressing appreciation for the team's efforts to promote research culture at IITG.

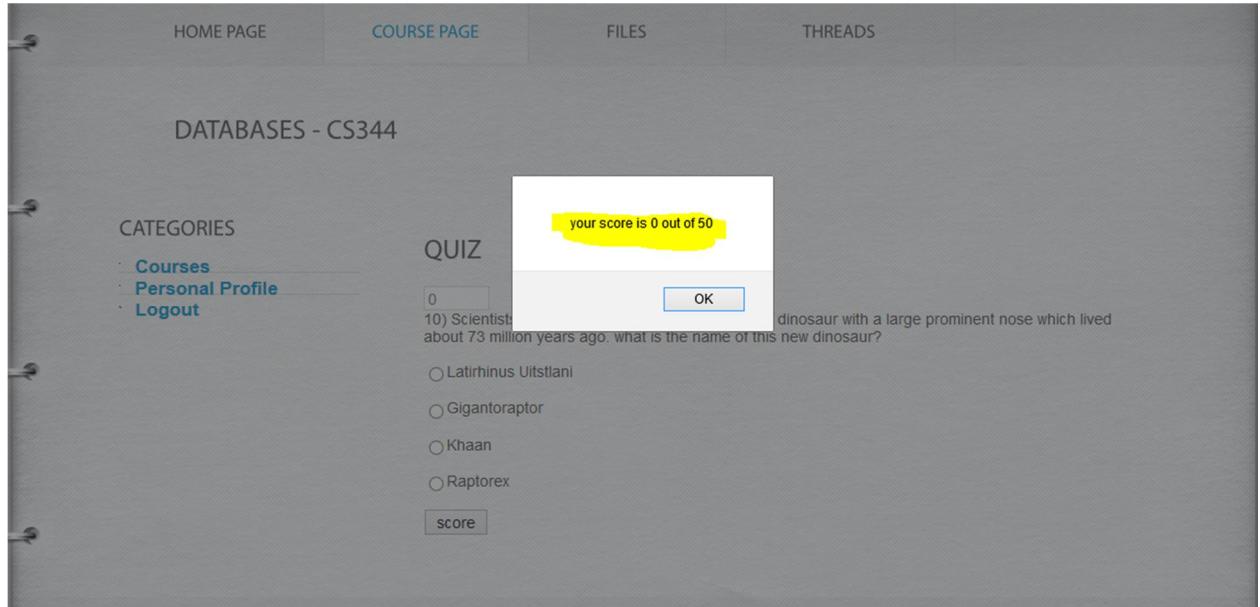
- Then in the "Categories" list a quick link for quiz appears which looks like

The screenshot shows a course page for "DATABASES - CS344". The layout is similar to the previous one, with "COURSE PAGE" as the active tab. The "Categories" sidebar includes "Courses", "Personal Profile", and "Logout". The main content features a "QUIZ" section with a timer (00:58) and a question: "1) United Nation has released "One Women" album on the occasion of International Women's Day. Name the Indian Artist who was the member of this album?". Four options are listed: A. R. Rahaman, Anoushka Shankar, Mallika Sarabhai, and Amzad Ali Khan. A "next" button is visible at the bottom of the quiz area.

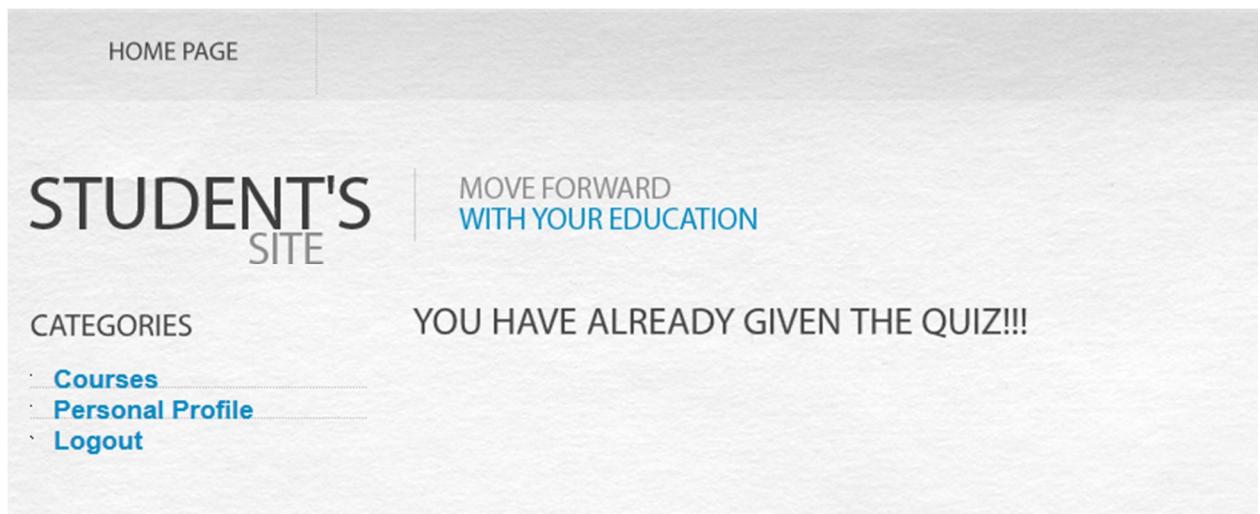
- Once you read the rules and click on next, the timer starts.

The screenshot shows the "COMPILERS - CS346" course page again. The "QUIZ" section is displayed with the same question and options as the previous screenshot. The timer shows 00:58. The "next" button is visible at the bottom of the quiz area.

- Once you submit the quiz or timer runs out of time, the score is calculated, displayed to user and the database is updated accordingly.



- A student can take quiz only once.



Message module/page:

- This module helps in the users to interact with each other and to interact with the instructors. This helps students to clear their doubts related to subjects and talk among themselves. This module provides the following functionalities:
- Sending/Receiving a new message to/from any registered User.
- Sending/Receiving a new message to/from any registered Instructor.
- Sending/Receiving a new message to/from admin.

- **Composing Message:** Sending a new message is fairly simple.
 - For new message click on the "Message" option on the left panel.

CATEGORIES

- [Courses](#)
- [Personal Profile](#)
- [Message \(0\)](#)
- [Logout](#)

HERE ARE YOUR COURSES..

Databases - CS344

Syllabus:

Data models with emphasis on the relational model; Database design with E-R model; Relational algebra and calculus; query Languages (specifically SQL); RDBMS design; File & system structure: indexed sequential, hashed, dynamic hashed, B-trees; Query processing; Concurrency control; error recovery; security; Case studies like ORACLE, Mysql, etc.; Introduction to Open Database Connectivity, Client-Server environment etc.

- Then click on the "New Message" Button to compose the message. A message box pops up.

STUDENT'S SITE | MOVE FORWARD WITH YOUR EDUCATION

CATEGORIES

- [Courses](#)
- [Personal Profile](#)
- [Messages](#)
- [Logout](#)

New Message

admin 2013-04-13 18:22:47

Hello sir

- Write the webmail address in "To" field and the message in "Message" field.

STUDENT SITE

CATEGORIES

- [Courses](#)
- [Personal Profile](#)
- [Messages](#)
- [Logout](#)

To: srs

Message: Hello Sir ... !!!

The page at 10.11.13.34 says:
Message sent successfully

Cancel Send OK

- Click on the "Send" button to send the message.
- The message will be successfully sent.

- **Reading the Messages:** To read the incoming messages follow these steps:
 - The number of unread messages is shown next to the "Messages" in the Left panel.

CATEGORIES

- [Courses](#)
- [Personal Profile](#)
- [Message \(1\)](#)
- [Logout](#)

HERE ARE YOUR COURSES..

Databases - CS344

Syllabus:

Data models with emphasis on the relational model; Database design with E-R model; Relational algebra and calculus; query Languages (specifically SQL); RDBMS design; File & system structure: indexed sequential, hashed, dynamic hashed, B-trees; Query processing; Concurrency control; error recovery; security; Case studies like ORACLE, Mysql, etc.; Introduction to Open Database Connectivity, Client-Server environment etc.

CATEGORIES

- [Courses](#)
- [Personal Profile](#)
- [Messages](#)
- [Logout](#)

New Message

| | | |
|-------------------|---------------------|--|
| p.dileep | 2013-04-13 15:21:46 | |
| how ae you dileep | | |
| <hr/> | | |
| p.sai | 2013-04-13 19:27:15 | |
| Hello Sir ... !!! | | |
| <hr/> | | |

- Click on it to see the total unread messages.
- All messages from different person who have sent you gets displayed in the left of the message panel.
- Click on any name to see the full conversation with that person.
- The full conversation with the person gets displayed in the right column where the user can send a reply message also.

CATEGORIES

- [Courses](#)
- [Personal Profile](#)
- [Messages](#)
- [Logout](#)

New Message

| | | | |
|--------------------------------------|---------------------|--|---------------------|
| p.dileep | 2013-04-13 15:21:46 | p.sai | 2013-04-13 09:22:26 |
| how ae you dileep | | Sir, Iam finding difficulty in BCNF? can you help me | |
| <hr/> | | | |
| p.sai | 2013-04-13 19:27:15 | srs | 2013-04-13 15:21:52 |
| Hello Sir ... !!! | | what are you doing ? | |
| <hr/> | | | |
| | | srs | 2013-04-13 15:23:32 |
| | | i am here | |
| <hr/> | | | |
| | | p.sai | 2013-04-13 19:27:15 |
| | | Hello Sir ... !!! | |
| <hr/> | | | |
| I am good .. !!! | | | |
| <hr/> | | | |
| <input type="button" value="Reply"/> | | | |

Admin module:

- Login as Admin using the following credentials:

Username: admin Password: admin

- Admin deals with the maintenance work related to the databases,etc.
- After logging in, the Personal profile of the admin would be displayed:

The screenshot shows a web application interface for 'STUDENT'S SITE'. At the top left, there is a 'MAIN PAGE' link. The main header features the text 'MOVE FORWARD WITH YOUR EDUCATION' next to the 'STUDENT'S SITE' logo. On the left side, under 'CATEGORIES', there is a vertical list of links: 'Personal Profile', 'Add a Course', 'Add a Course Offering', 'Add a Student', 'Add an Instructor', 'Register an Instructor for a course', 'Register a Student for a course', and 'Logout'. To the right, under 'PERSONAL INFORMATION..', there is a table with three rows of data:

| | |
|-----------------|---------|
| Name : | Admin 1 |
| Webmail_id : | admin |
| Instructor id : | 101 |

- Add a Course:

- This deals with adding a *Course* entity to the database. A course entity just refers to an entity of the course, say, operating systems is a course entity, whereas operating systems taken at 2nd semester of 2012 would refer to a *Course Offering*
- Specify the necessary fields , and this would add a course entry into the database

STUDENT'S SITE | MOVE FORWARD WITH YOUR EDUCATION

CATEGORIES

- [Personal Profile](#)
- [Add a Course](#)
- [Add a Course Offering](#)
- [Add a Student](#)
- [Add an Instructor](#)
- [Register an Instructor for a course](#)
- [Register a Student for a course](#)
- [Logout](#)

ADD A COURSE

| | | |
|---------------|----------------------|---------------------------------------|
| Course Name : | <input type="text"/> | (Ex: Operating Systems) |
| Course Id : | <input type="text"/> | (Ex: CS343) |
| Syllabus : | <input type="text"/> | (The complete syllabus of the course) |

- Add a Course Offering:

- As explained above, Operating systems is just a course, but operating systems taken at 2nd semester of 2012 would refer to a *Course Offering*
- So, this deals with adding a Couse offering entity to the database

STUDENT'S SITE | MOVE FORWARD WITH YOUR EDUCATION

CATEGORIES

- [Personal Profile](#)
- [Add a Course](#)
- [Add a Course Offering](#)
- [Add a Student](#)
- [Add an Instructor](#)
- [Register an Instructor for a course](#)
- [Register a Student for a course](#)
- [Logout](#)

ADD A COURSE OFFERING

| | | |
|---------------------|----------------------|--|
| Course Id: | <input type="text"/> | (Select from one of the already present 'Course' entities) |
| Absoulte Year : | <input type="text"/> | (The absolute year in which the course is taken Ex:2013) |
| Absolute Semester : | <input type="text"/> | (The absolute semester in which the course is taken Ex:1st semester) |

- Add a Student:
 - This deals with adding a student to the Student table and the corresponding entry in the Person table
 - By default, the default password is set to the username of the student (which can be changed later using the change password)

The screenshot shows a web page titled "STUDENT'S SITE" with a tagline "MOVE FORWARD WITH YOUR EDUCATION". On the left, there is a sidebar with a "CATEGORIES" section containing links: Personal Profile, Add a Course, Add a Course Offering, Add a Student, Add an Instructor, Register an Instructor for a course, Register a Student for a course, and Logout. The main content area is titled "ADD A STUDENT". It contains four input fields with placeholder text: "Student Name : (Ex: p.dileep)", "Webmail id : (Ex: 10010180)", "Roll no : (The semester of study, Ex: 6th semester)", and "Absoulte Semester: (The absolute semester,Ex: 1st semester of the year 2013)". Below these fields is a "Submit" button.

- Add an Instructor:
 - This deals with adding a instructor to the Instructor table and the corresponding entry in the Person table
 - By default, the default password is set to the username of the instructor (which can be changed later using the change password)

The screenshot shows a web page titled "STUDENT'S SITE" with a tagline "MOVE FORWARD WITH YOUR EDUCATION". On the left, there is a sidebar with a "CATEGORIES" section containing links: Personal Profile, Add a Course, Add a Course Offering, Add a Student, Add an Instructor, Register an Instructor for a course, Register a Student for a course, and Logout. The main content area is titled "ADD AN INSTRUCTOR". It contains three input fields with placeholder text: "Instructor Name : (Ex: srs)", "Webmail id : (Ex:102)", and "Instructor id : (Ex:102)". Below these fields is a "Submit" button.

- Register an Instructor for a Course :
 - This registers an instructor for a Course offering , so that, that particular instructor would be teaching that Course offering
 - So, this basically inserts an entity into the 'teaches' table

The screenshot shows a web page titled "STUDENT'S SITE" with a tagline "MOVE FORWARD WITH YOUR EDUCATION". On the left, there is a sidebar with a "CATEGORIES" section containing links: Personal Profile, Add a Course, Add a Course Offering, Add a Student, Add an Instructor, Register an Instructor for a course, Register a Student for a course, and Logout. The main content area is titled "REGISTER INSTRUCTOR FOR A COURSE". It contains four input fields with dropdown menus: "Instructor Webmail Id", "Course Id", "Absoulte Year", and "Absolute Semester". Each field has a corresponding tooltip explaining its purpose. A "Submit" button is located below the fields.

- Register a Student for a course:
 - This registers a Student for a Course offering , so that, that particular student would be teaching that Course offering
 - So, this basically inserts an entity into the 'enrolls' table

The screenshot shows a web page titled "STUDENT'S SITE" with a tagline "MOVE FORWARD WITH YOUR EDUCATION". On the left, there is a sidebar with a "CATEGORIES" section containing links: Personal Profile, Add a Course, Add a Course Offering, Add a Student, Add an Instructor, Register an Instructor for a course, Register a Student for a course, and Logout. The main content area is titled "REGISTER STUDENT FOR A COURSE". It contains four input fields with dropdown menus: "Student Webmail Id", "Course Id", "Absoulte Year", and "Absolute Semester". Each field has a corresponding tooltip explaining its purpose. A "Submit" button is located below the fields.

Logout:

- Logout would log out the session corresponding to any user, be it student, instructor or an admin