

USER MANUAL

Step-1 Connect your system to the RFID kit using a USB adapter.

Step-2 Open your web application after hosting the application in the server by typing the appropriate URL in the browser.

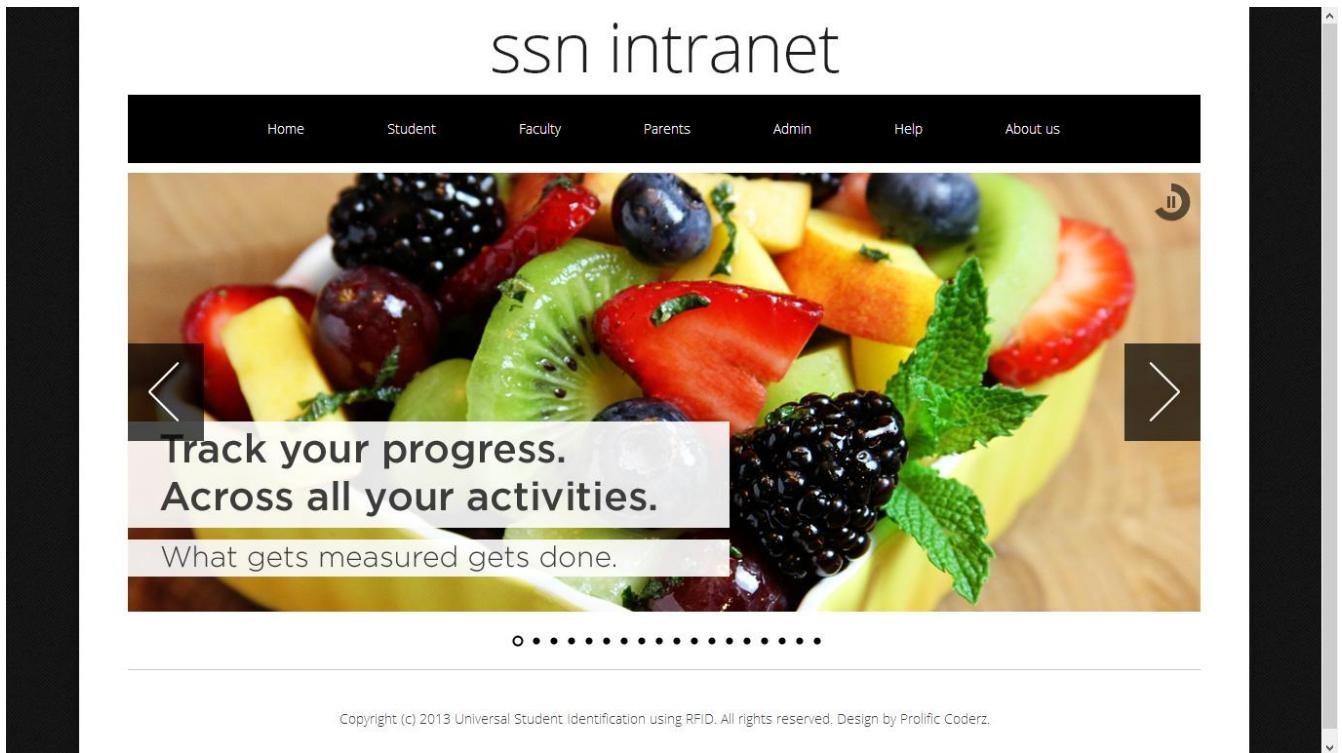


Fig 1

ADMIN USER

1. LOGGING IN

Step-1 Click on admin navigation link and in the login page that appears, enter the admin username and password and press login button

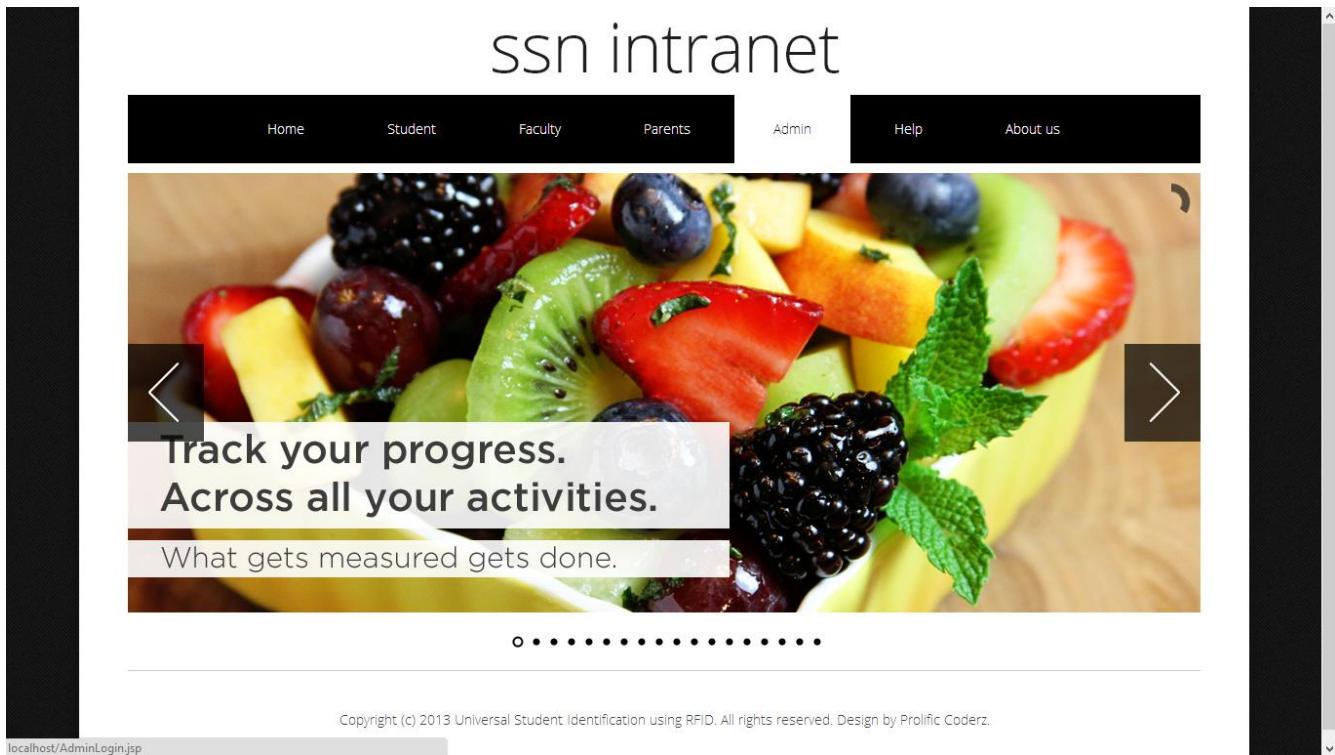


Fig 2

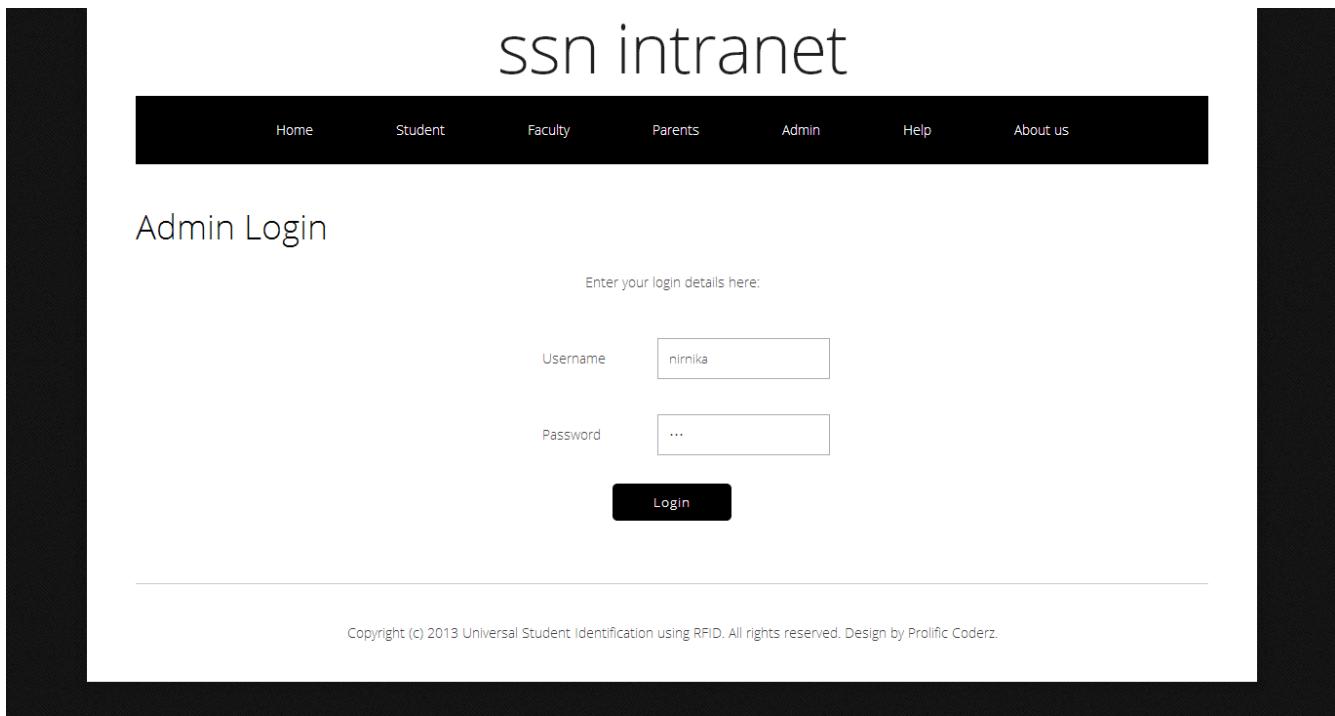


Fig 3

Step-2 The admin home page appears with a list of all options that the admin is allowed to do.

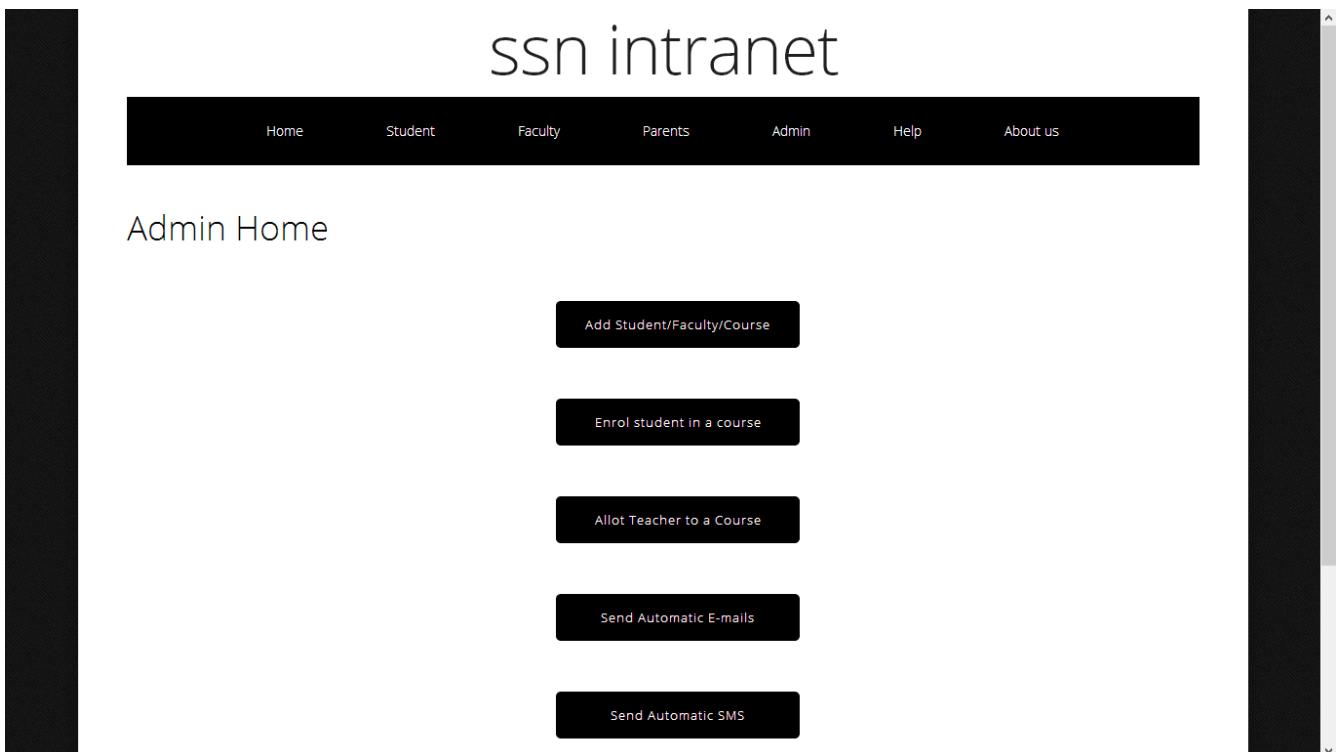


Fig 4

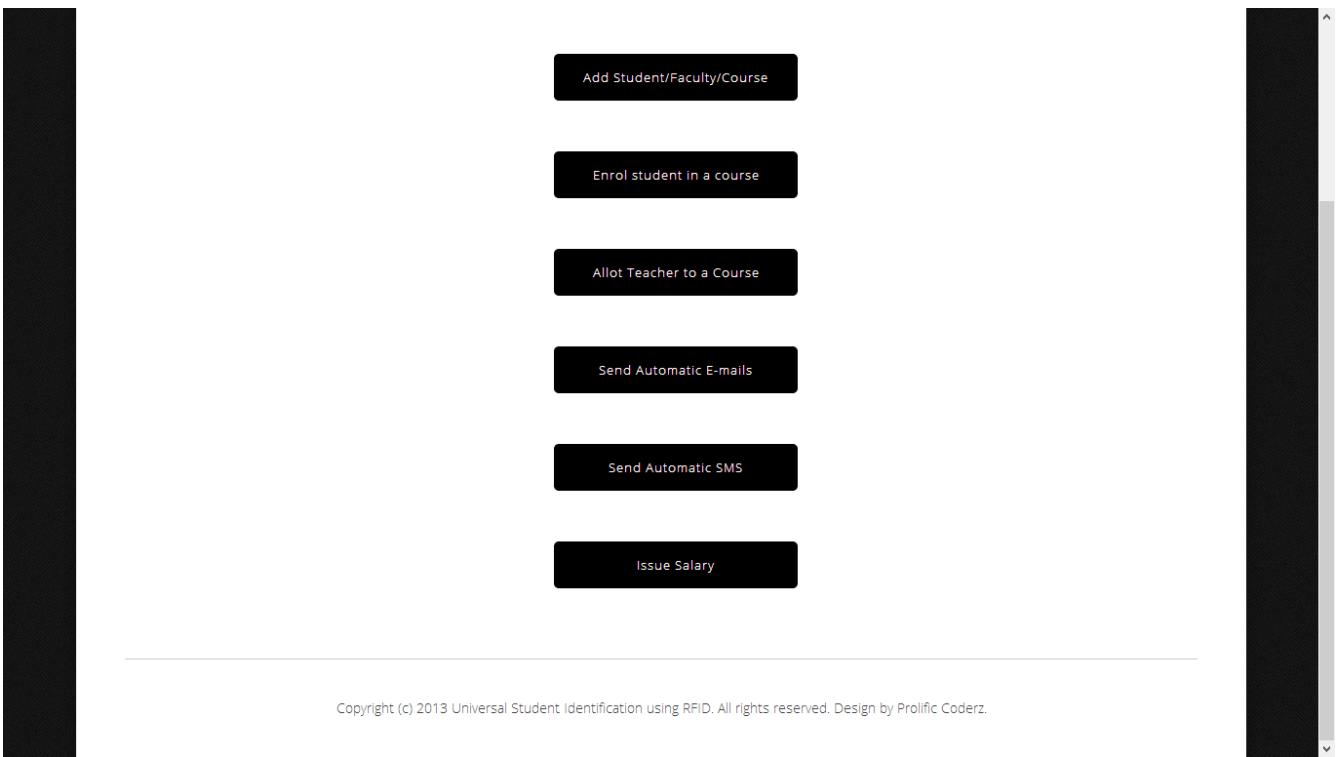


Fig 5

2. ADDING MEMBER

Step-1 To add student/Faculty/Course choose the Add Student/Faculty/Course button. You'll be taken to a page which appears like the one given below.

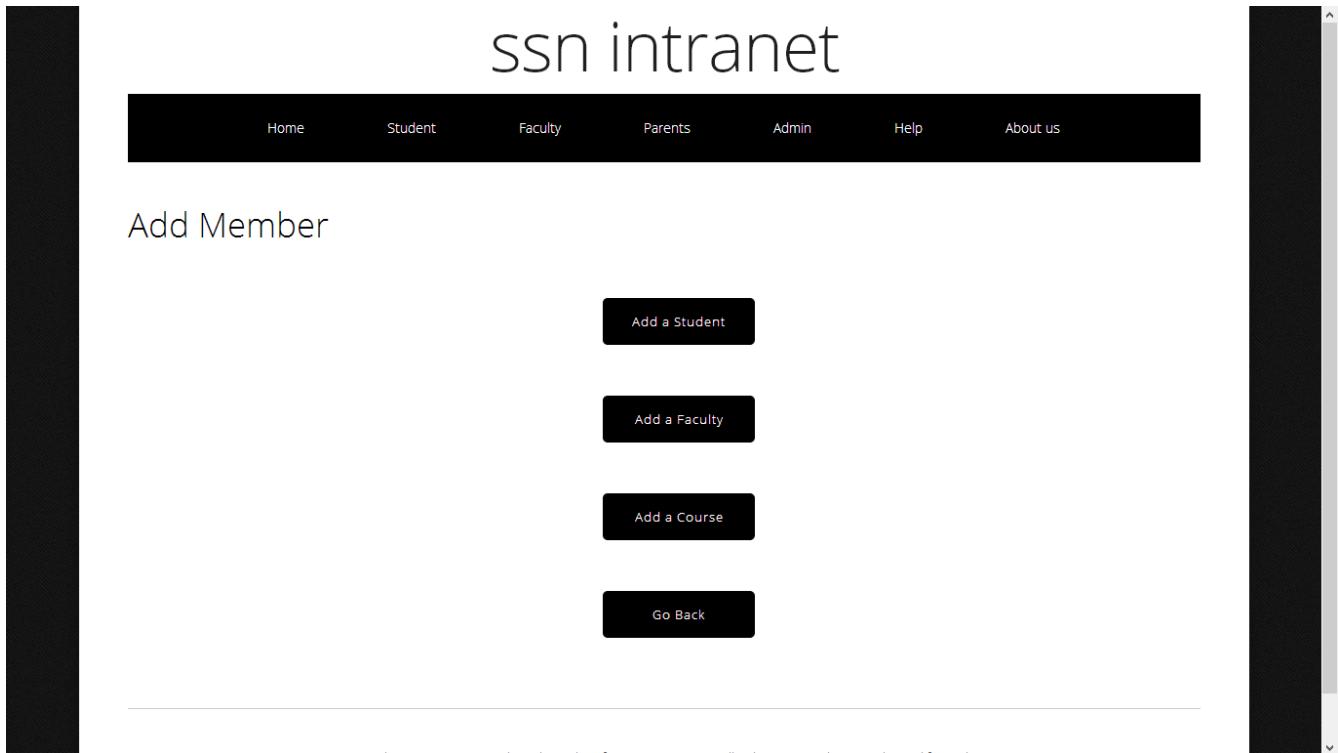


Fig 6

Step-2 Clicking on Add a Student button takes you to a page where all student and corresponding parent user details can be obtained.

The screenshot shows a web page titled "ssn intranet". The navigation bar is identical to Fig 6. Below it, the title "Insert Student Details" is shown. The form consists of six input fields with labels: "Rfid" (value: 2801B21E6AFF), "First Name" (value: Arshya), "Last Name" (value: Ibrahim), "Date of Birth" (value: 1/1/1992), "Department" (value: cse), and "Batch" (value: 2010).

Fig 7

Address: 39,Blk-1,SIS,Medavakkam

Contact1: 8056230182

Contact2: 8056230181

E-Mail: arshiya@gmail.com

Username: arshiya

Password: ...

Parent Details

First Name: Soma

Last Name: Ibrahim

Fig 8

First Name: Soma

Last Name: Ibrahim

Username: soma

Password: ...

Contact: 8056230180

Insert Details

Insert Student **Go Back**

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Fig 9

Step-3 After all necessary details have been obtained clicking on Insert Student button will add the student to the university system.

First Name: Soma

Last Name: Ibrahim

Username: soma

Contact:

Message

Student Inserted

OK

Insert Student **Go Back**

Fig 10

Step-4 To add a Faculty, one must press the Add a Faculty button in the Add Member page shown in Fig 6. You'll be taken to a page similar to the one shown below where you can enter all necessary details for the faculty.

Department: cse

Username: samuel

Password: ...

Salary: 10500

Date of Birth: 2/2/1964

Date of Joining: 2/10/2010

Insert Faculty **Go Back**

Fig 12

Step-5 Clicking on Insert Faculty button adds the faculty to the university system.

Waiting for localhost...

Department: cse

Username: samuel

Password: ...

Salary: Faculty added!

Date of Birth: 2/2/1964

Date of Joining: 2/10/2010

Insert Faculty **Go Back**

Fig 13

Step-6 To add a Course, one must press the Add a Faculty button in the Add Member page shown in Fig 6. You'll be taken to a page similar to the one shown below where you can enter all necessary details for the course.

ssn intranet

Home Student Faculty Parents Admin Help About us

Insert Course Details

Course ID: CS2345

Course Name: UNIX Internals

Semester: 6

Credits: 3

Insert Course **Go Back**

Fig 14

Step-7 Clicking on Insert Course button adds the course to the university system.



Fig 15

3.ENROLLING STUDENTS

Step-1 To Enroll a Student click on Enroll Student in a Course in Admin Home page showed in Fig 4.

In the next page that appears, choose an option whether to enroll a single student or an entire batch (useful when one batch moves to the next semester)

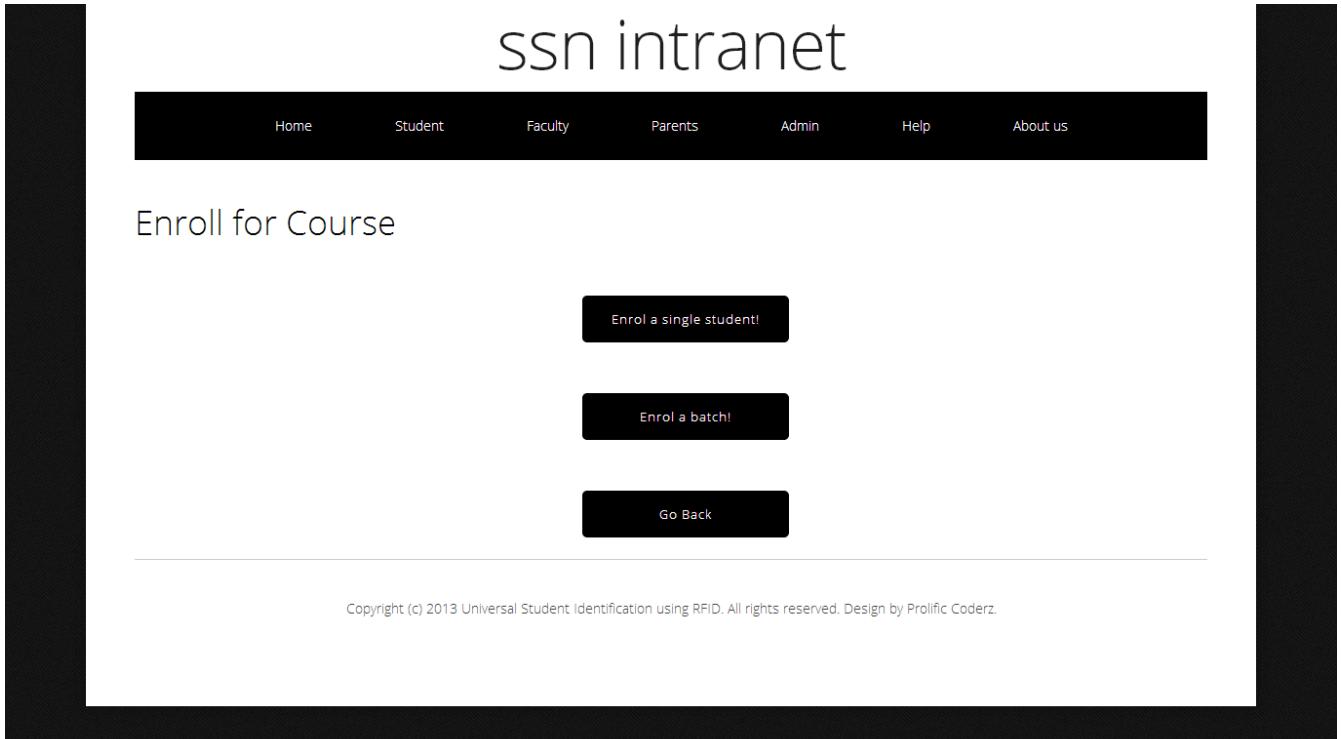


Fig 16

Step-2 To enroll a single student to a course, click on the Enroll a single student button shown in Fig 16 and enter the student's RFID, course id and press enroll button.



Fig 17

Step-3 To enroll an entire batch of students, click on the Enroll a batch button shown in Fig 16 and enter the batch year, course id and press enroll button.

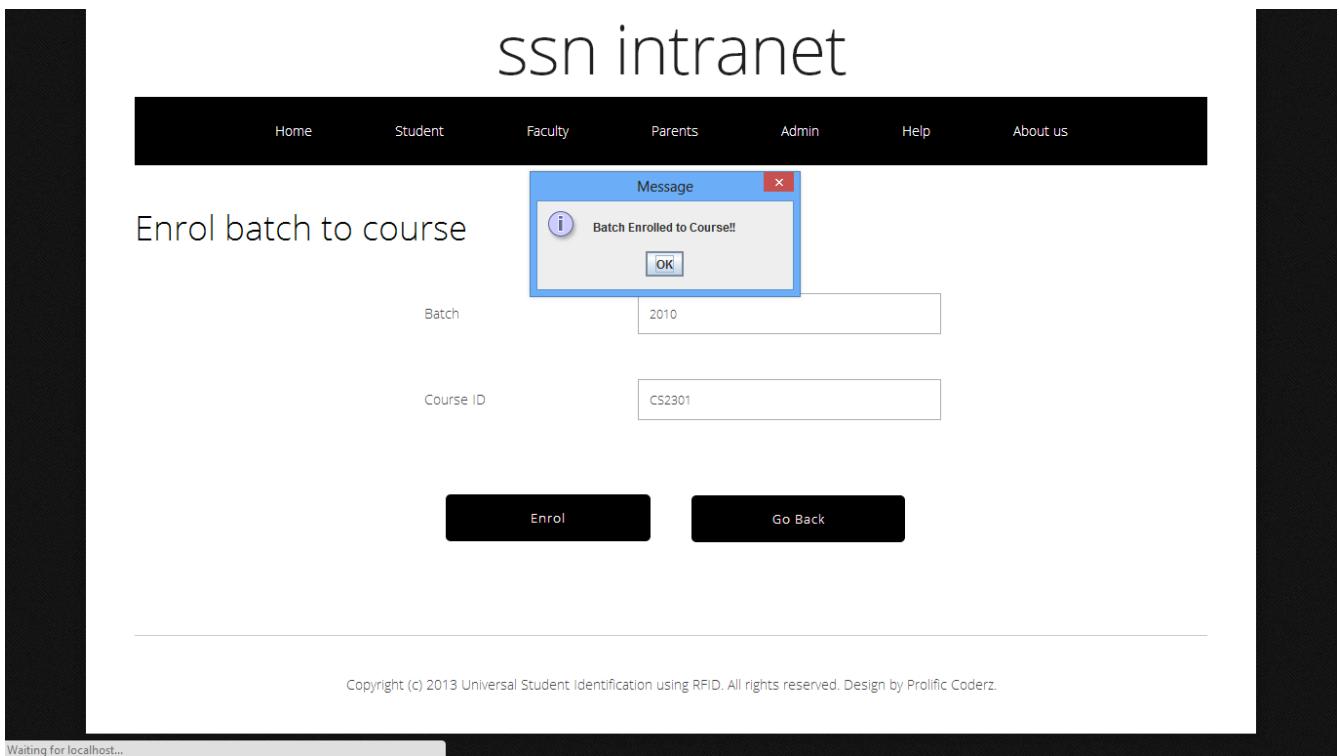


Fig 18

4. ALLOTTING FACULTY TO A COURSE

Step-1 To Allot a Faculty to a Course, click on Enroll Teacher to a Course button in Admin Home page showed in Fig 4. In the next page that appears, enter Faculty id, Course id and click Allot button.

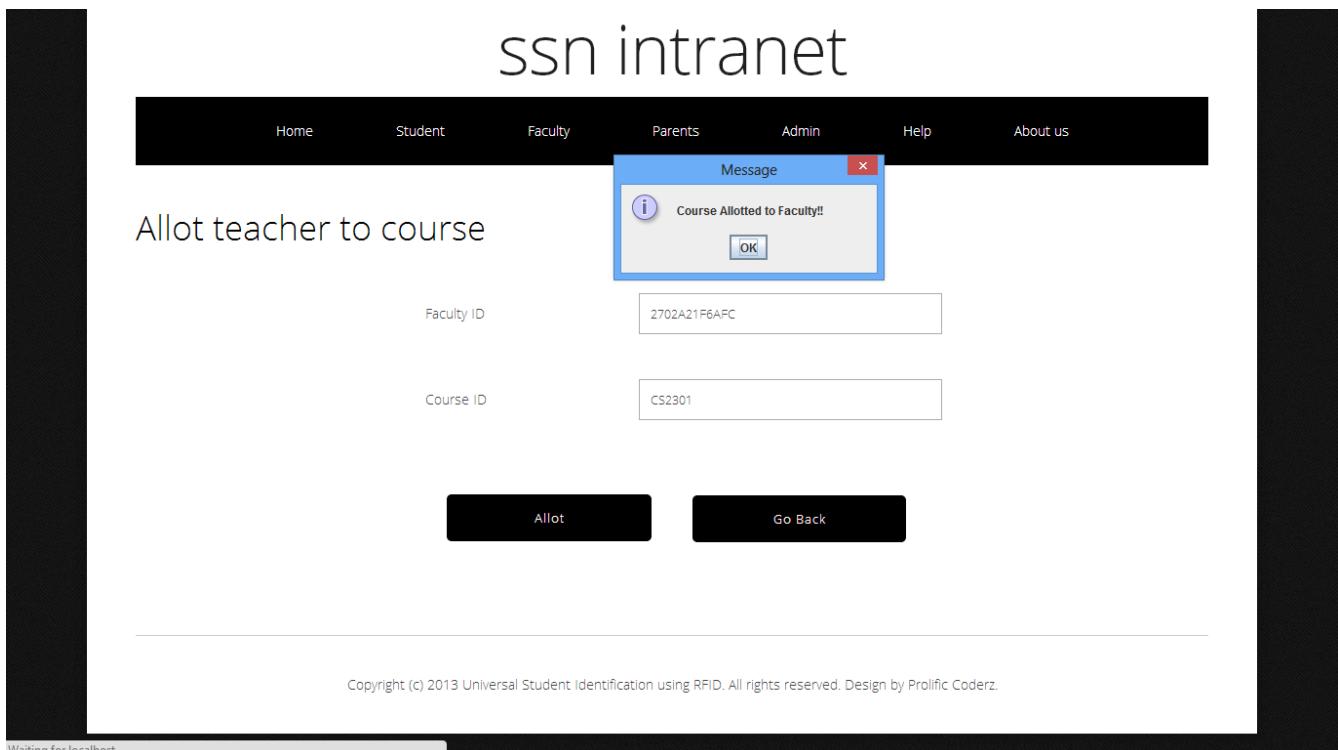


Fig 19

5. SEND AUTOMATIC EMAILS

Step-1 To Send automatic Emails, click on Send Automatic Emails button in Admin Home page showed in Fig 4. In the next page that appears, click Send Emails button to send Email to all parents requesting the to check the website for the latest report

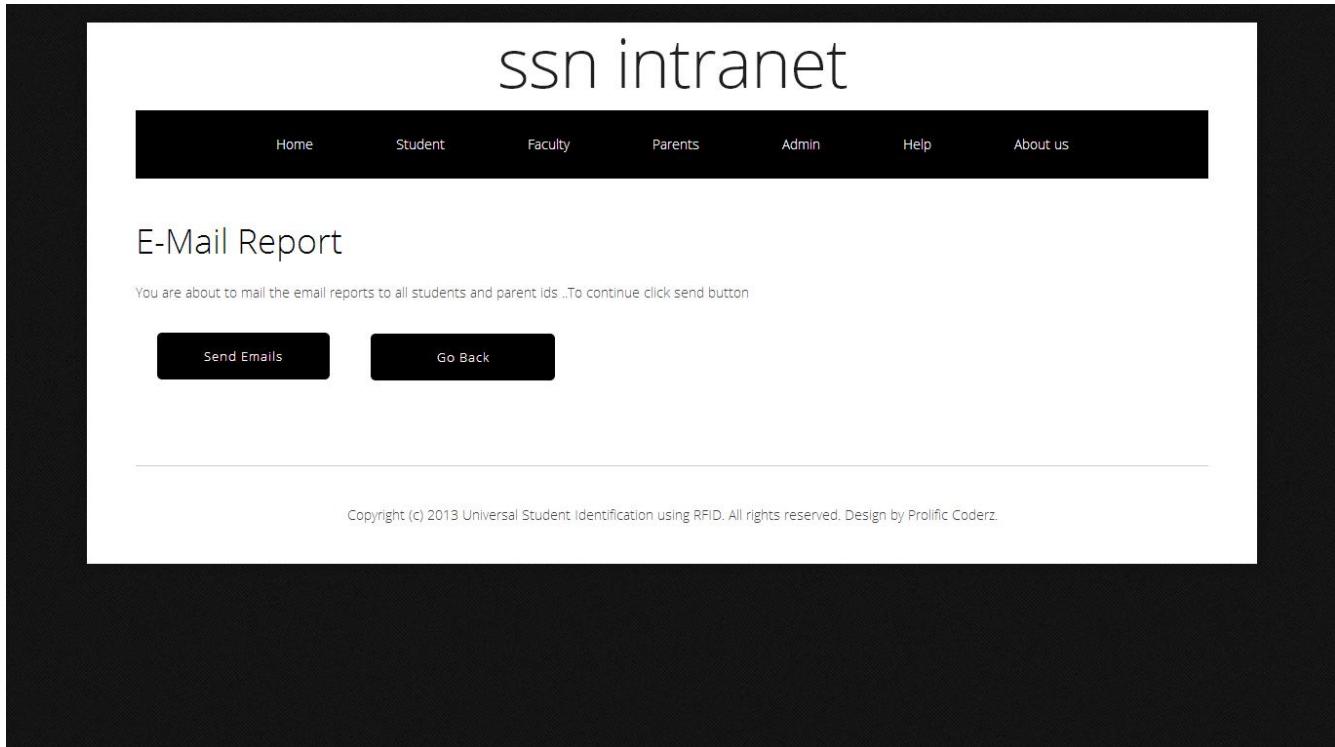


Fig 20

University Result Reports - x

https://mail.google.com/mail/u/0/?shva=1#inbox/13df00622c686d38

You Search Images Maps Play YouTube News Gmail Drive Calendar More

Google labs.ssn@gmail.com

Gmail COMPOSE

Inbox (156)

Starred
Important
Sent Mail
Drafts
Java printout
Java programs (9)
Networks printout
Networks programs
SS printout
SS programs (3)
More

Jobs In SBI-Register Now - www.Naukri.com/Register-Free - Get hired at SBI branches across India. Top Profiles, High CTC. Why this ad?

University Result Reports

Apr 9 (3 days ago) labs.ssn@gmail.com to me

The monthly consolidated performance report of your ward is now available at our site..Plz do check out

Click here to [Reply](#) or [Forward](#)

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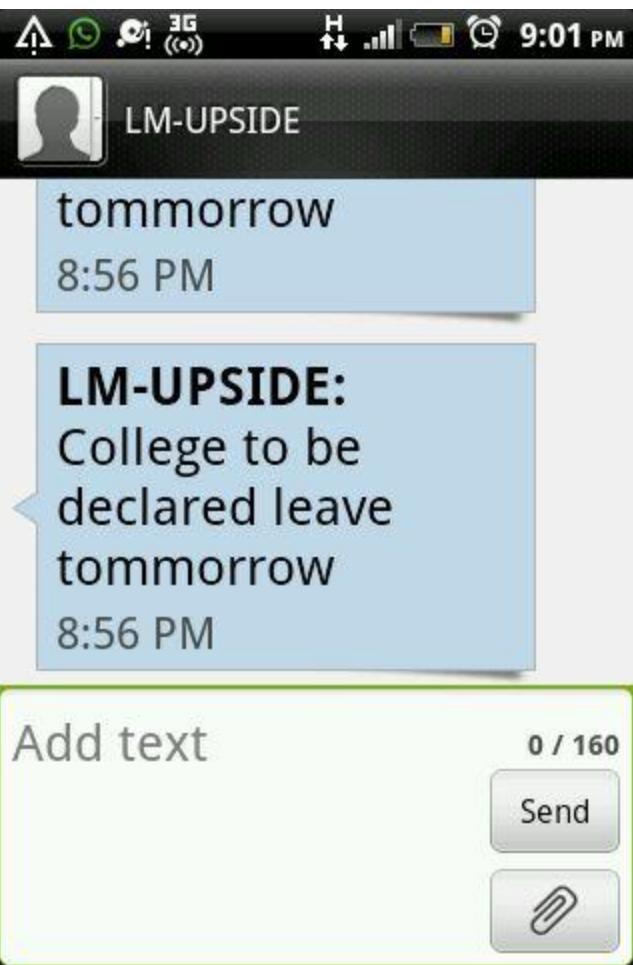
Last account activity: 3.5 hours ago [Details](#)

6. SEND AUTOMATIC SMS

Step-1 To Send automatic SMS, click on Send Automatic SMS button in Admin Home page showed in Fig 4. In the next page that appears, enter the message, choose the recipients and click Send SMS button to send SMS to all students/staff to convey any important information (say about events, holidays etc.)



Fig 21



7. ISSUE SALARY

Step-1 To Send Salary Issued notification, click on Issue Salary button in Admin Home page showed in Fig 4. In the next page that appears, click Send Emails button to send Email to all staffs notifying them that their accounts have been credited with their current month salary.

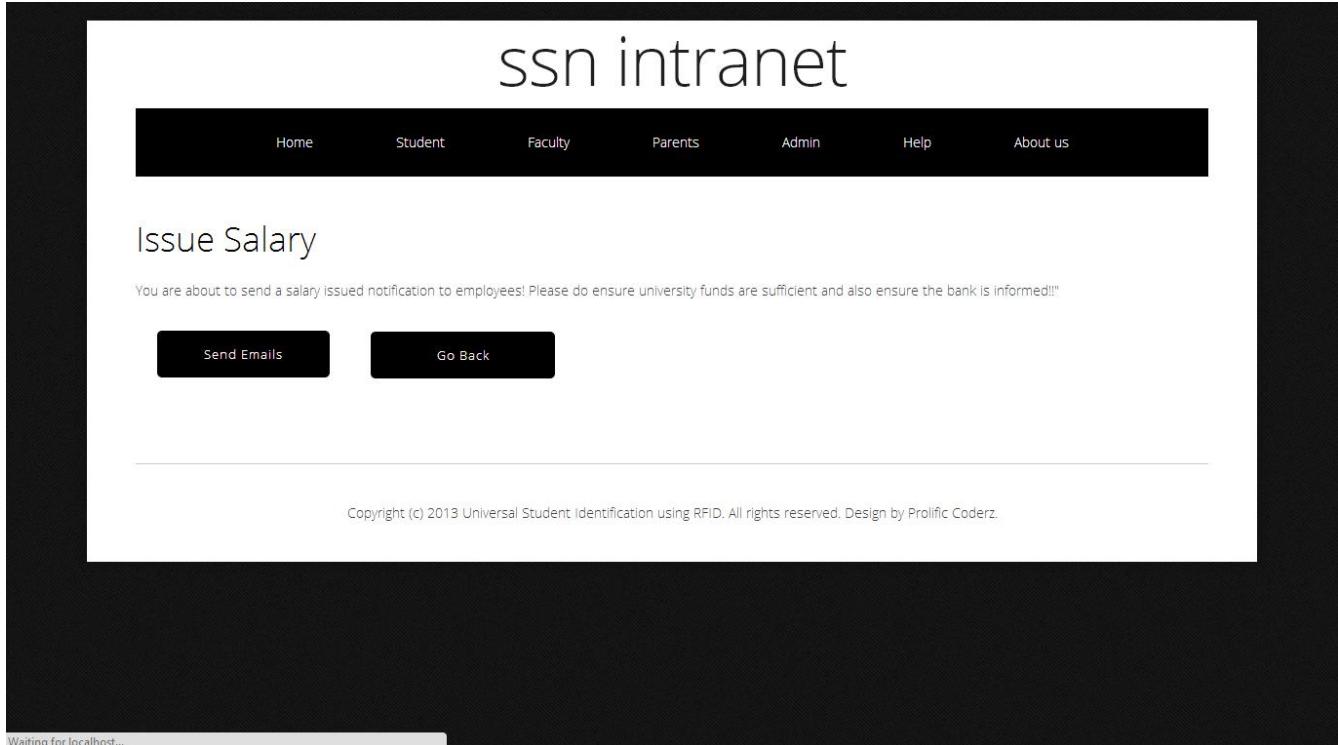


Fig 22

+Ayshwarya Search Images Maps Play YouTube News Gmail Drive Calendar More

aysh2918@gmail.com 0 + Share

Google

Click here to enable desktop notifications for Gmail. Learn more Hide

Gmail - 5 of 894 < > More

COMPOSE

Inbox (88)

Starred

Important

Sent Mail

Drafts (4)

Circles

Personal

Connecting...

Unable to reach Gmail.
Please check your internet connection.

Search, chat, or SMS

- karupz v
- Lakshmikanth Sat...
- Prabhaker Kannan
- Anjana S
- ankit singhvi

Salary Issue Reports

Be a Financial Analyst 4 weeks online Financial Analysis. - www.DeZyre.com/Financial_Analyst - course by WallStreet Banker.Try Now

Click here to Reply or Forward

DearAyshwarya
Your Monthly salary of 10500 has been credited to your account.. Wish you a great month!

Apr 11 (2 days ago) ☆ ↗ ↘

labs.ssn

Add to circles

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Ads - Why these ads?

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Looking for Job. Apply now for NIIT Diploma Programs & get Job-Ready! www.NIITeducation.com/Graduate

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USA Accredited Online MBA Special Offer. Join Now. www.nibmglobal.com/Online-MBA

Pepsi IPL Contest is On
Prove that you are the Pepsi IPL ka Boss & win VIP Box Passes! Register www.pepsiholesabhi.com

Apply Credit Card Online
Get 5%* Cashback or 5X* Rewards. No Joining/Annual* fees. Apply Now apply.standardchartered.co.in

35% full
Using 3.6 GB of your 10.1 GB

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Last account activity: 9 minutes ago [Details](#)

FACULTY USER

1. LOGGING IN

Step-1 Click on faculty navigation link and in the login page that appears, enter the faculty username and password and press login button

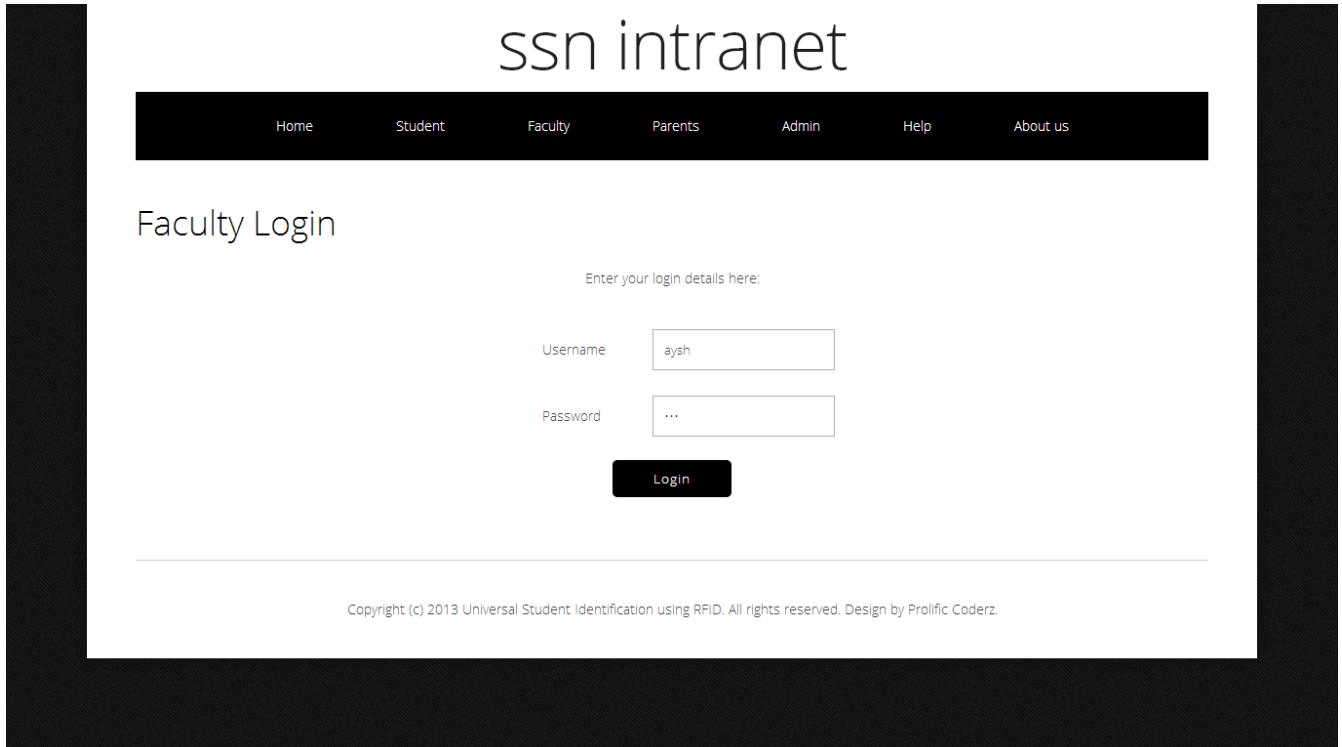


Fig 23

Step-2 The faculty home page appears with a list of all options that the faculty is allowed to do.

ssn intranet

Home Student Faculty Parents Admin Help About us

Faculty Home

[Start a classroom session](#)

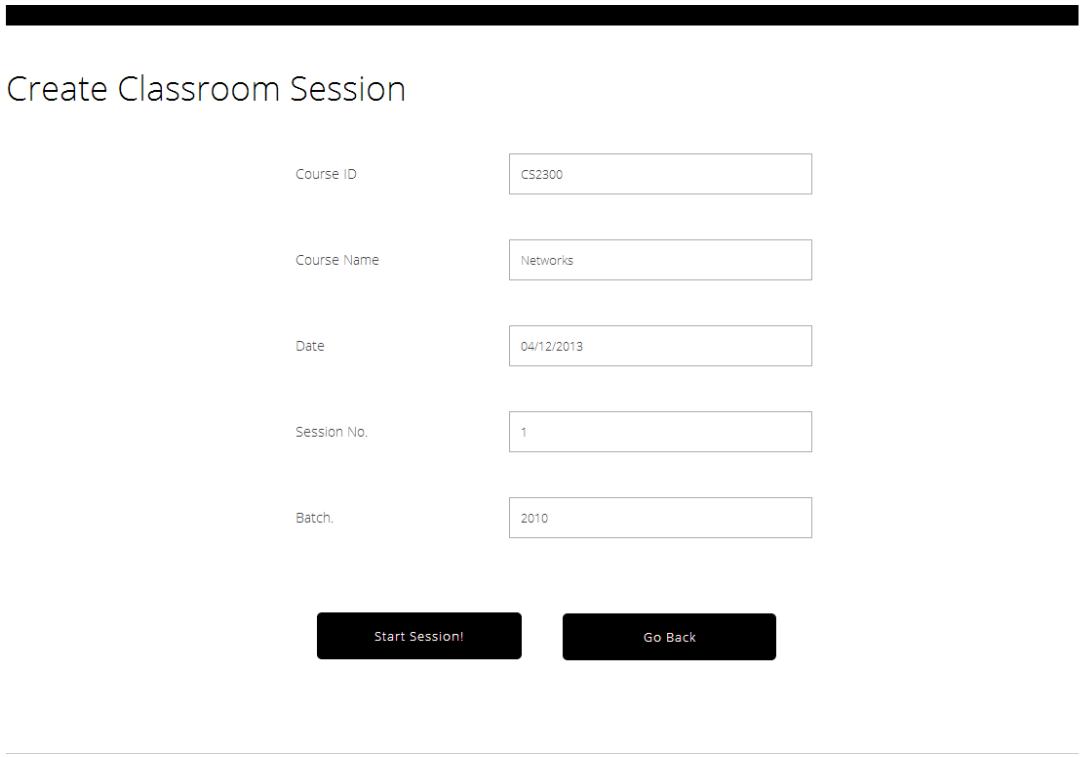
[Create exam/Update Scores/Calculate Internals](#)

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Fig 24

2. START A CLASSROOM SESSION

Step-1 To Start a Classroom session, click on the Start Classroom Session button in Faculty Home page shown in Fig 24. Enter all Session details in the page that appears and click Start Session button.



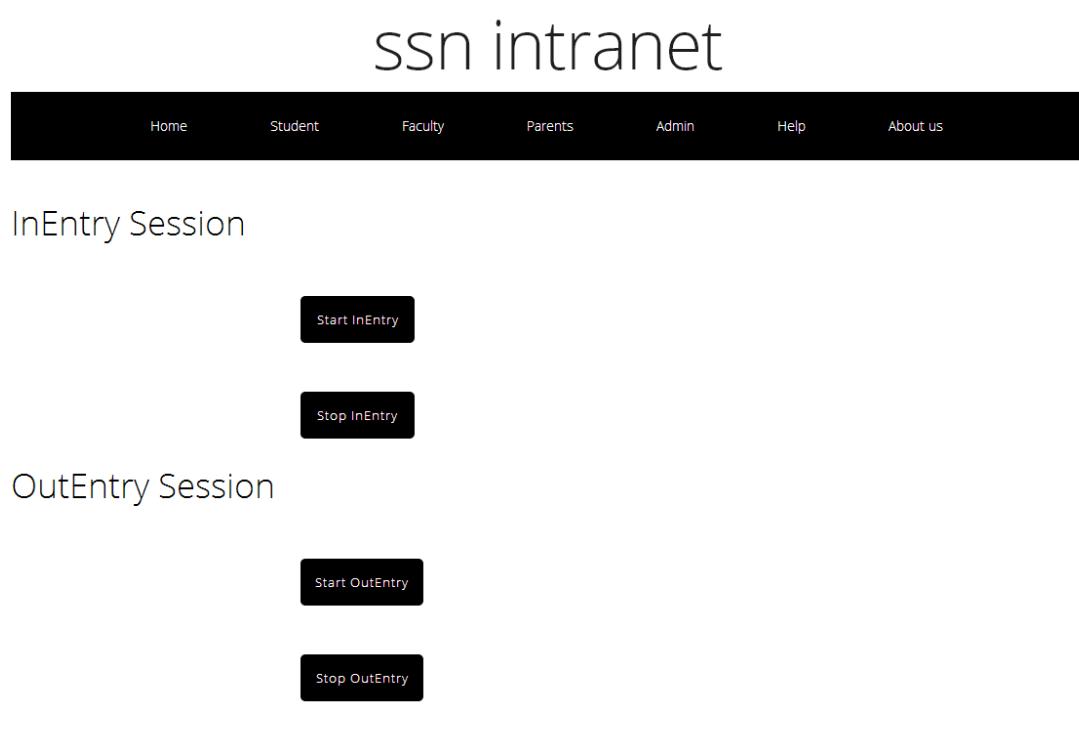
The image shows a 'Create Classroom Session' form. It has five input fields with the following data:

Course ID	CS2300
Course Name	Networks
Date	04/12/2013
Session No.	1
Batch.	2010

At the bottom are two buttons: 'Start Session!' (highlighted in red) and 'Go Back'.

Fig 25

Step-2 A page appears like the one shown below.



The image shows an 'InEntry Session' page. At the top is a navigation bar with links: Home, Student, Faculty, Parents, Admin, Help, and About us. Below the navigation bar are two sections: 'InEntry Session' and 'OutEntry Session'. Each section contains a 'Start InEntry' button and a 'Stop InEntry' button.

InEntry Session

OutEntry Session

Fig 26

Step-3 Here you must click on the Start InEntry button to Start an InEntry session. The page informs you about what you should do. You must start the hyper terminal. Refer the documentation on Setting up Hyperterminal connection to do the same

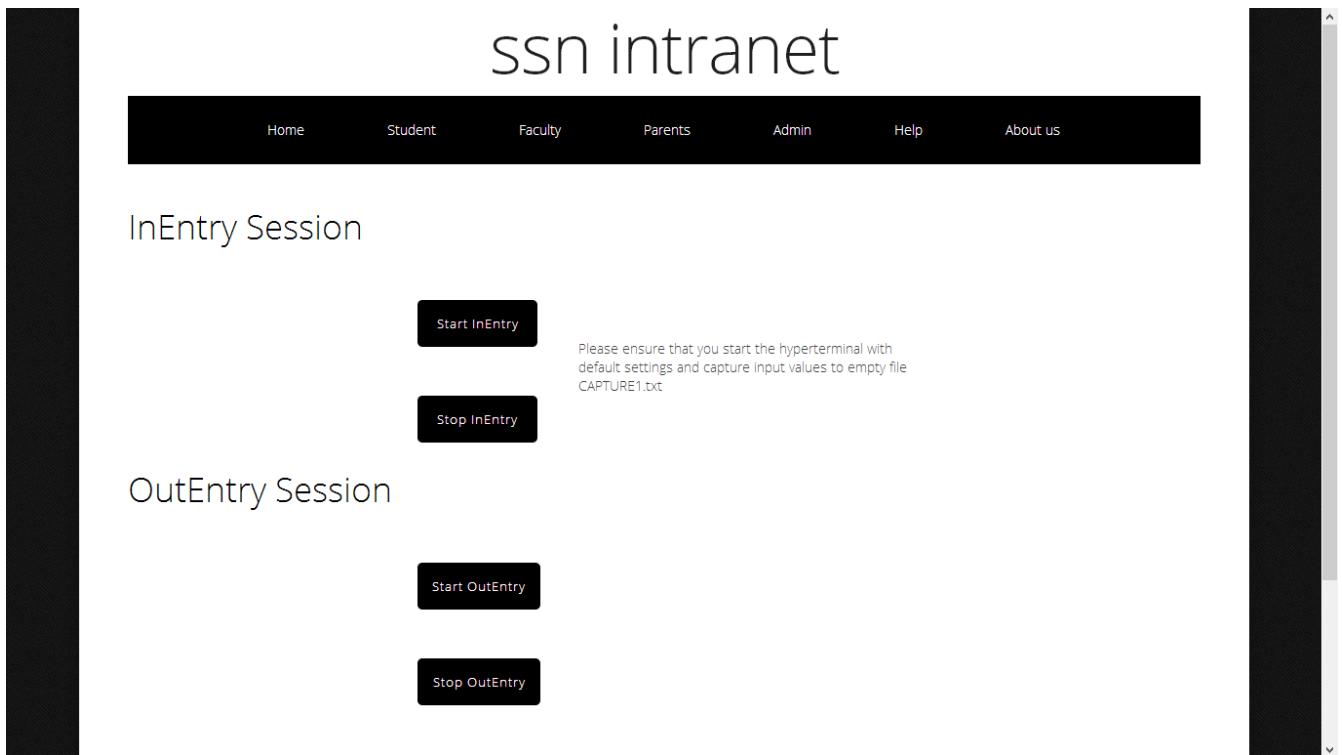


Fig 27

Step-4 To stop InEntry session and mark InEntry for the students in the system, click on Stop InEntry button .

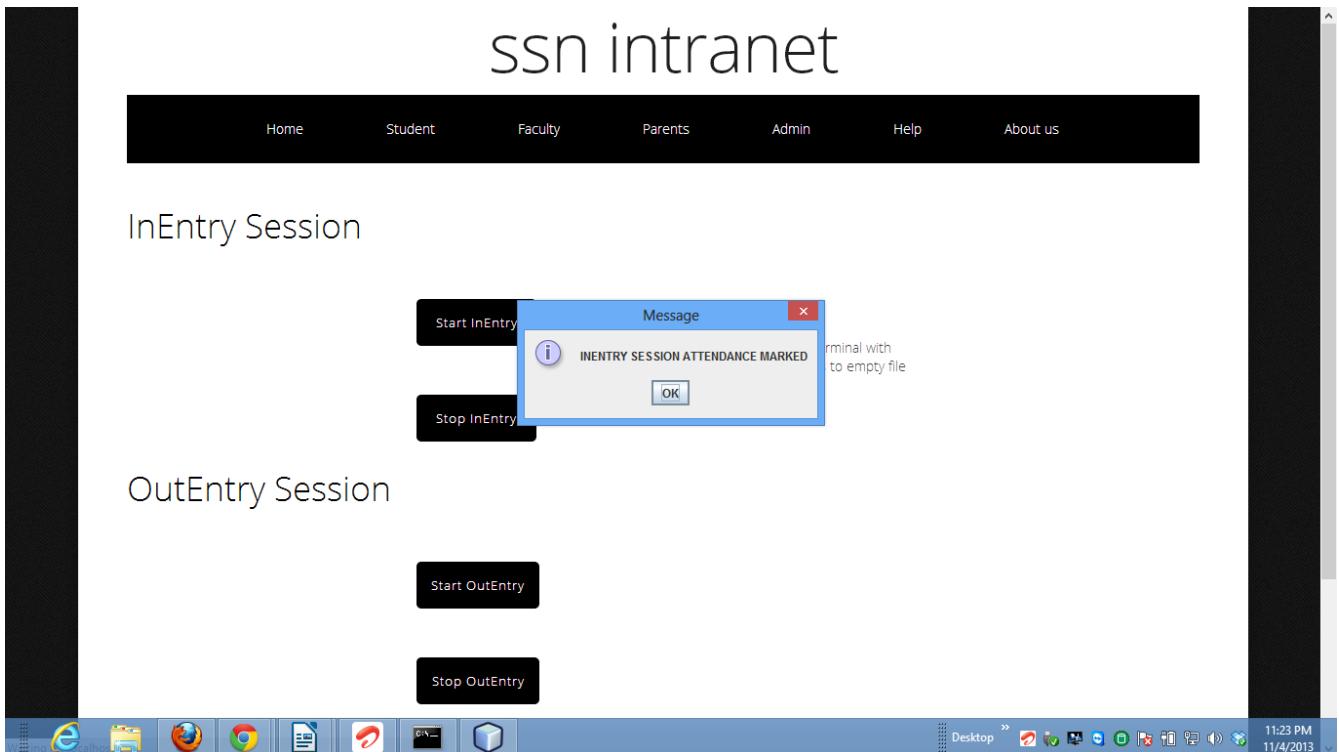


Fig 28

Step-5 After the length of the entire session, the OutEntry session can be started by clicking the Start OutEntry button.

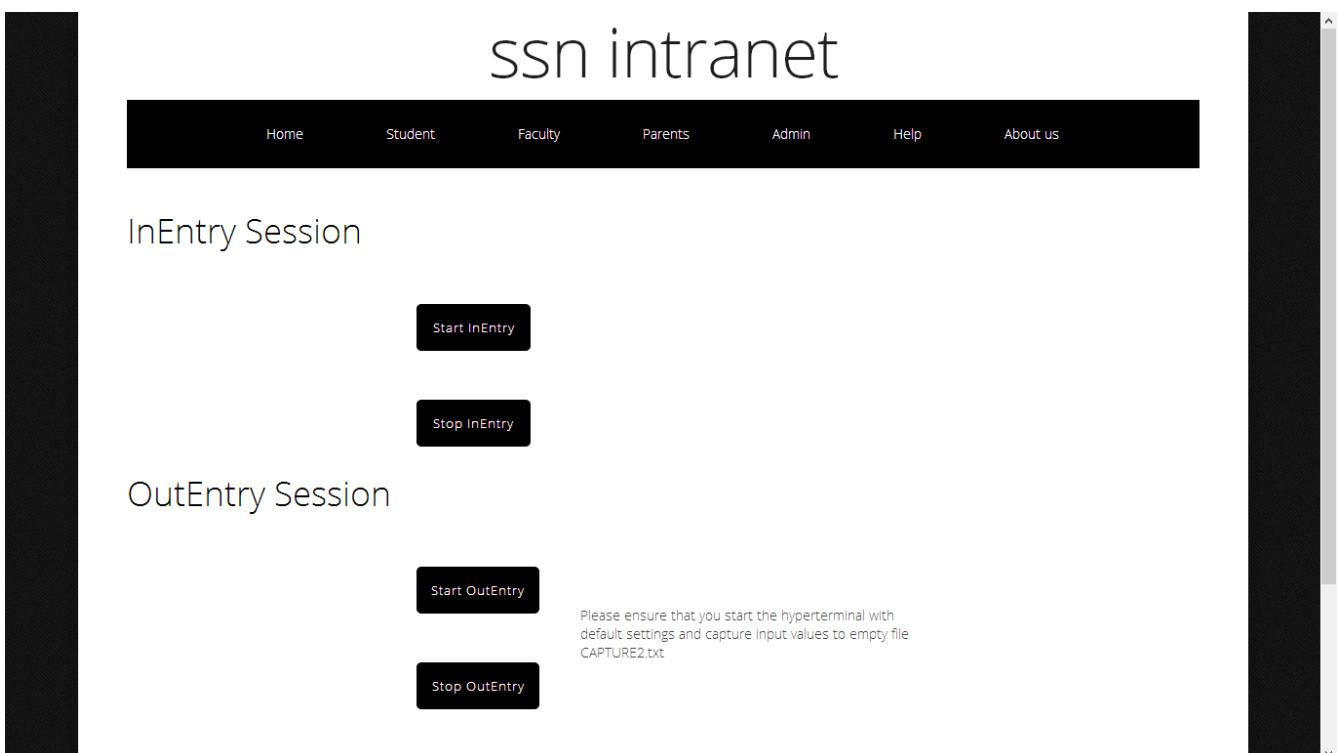


Fig 29

ssn intranet

Home Student Faculty Parents Admin Help About us

InEntry Session

Start InEntry

Please ensure that you start the hyperterminal with
default settings and capture input values to empty file
CAPTURE1.txt

Stop InEntry

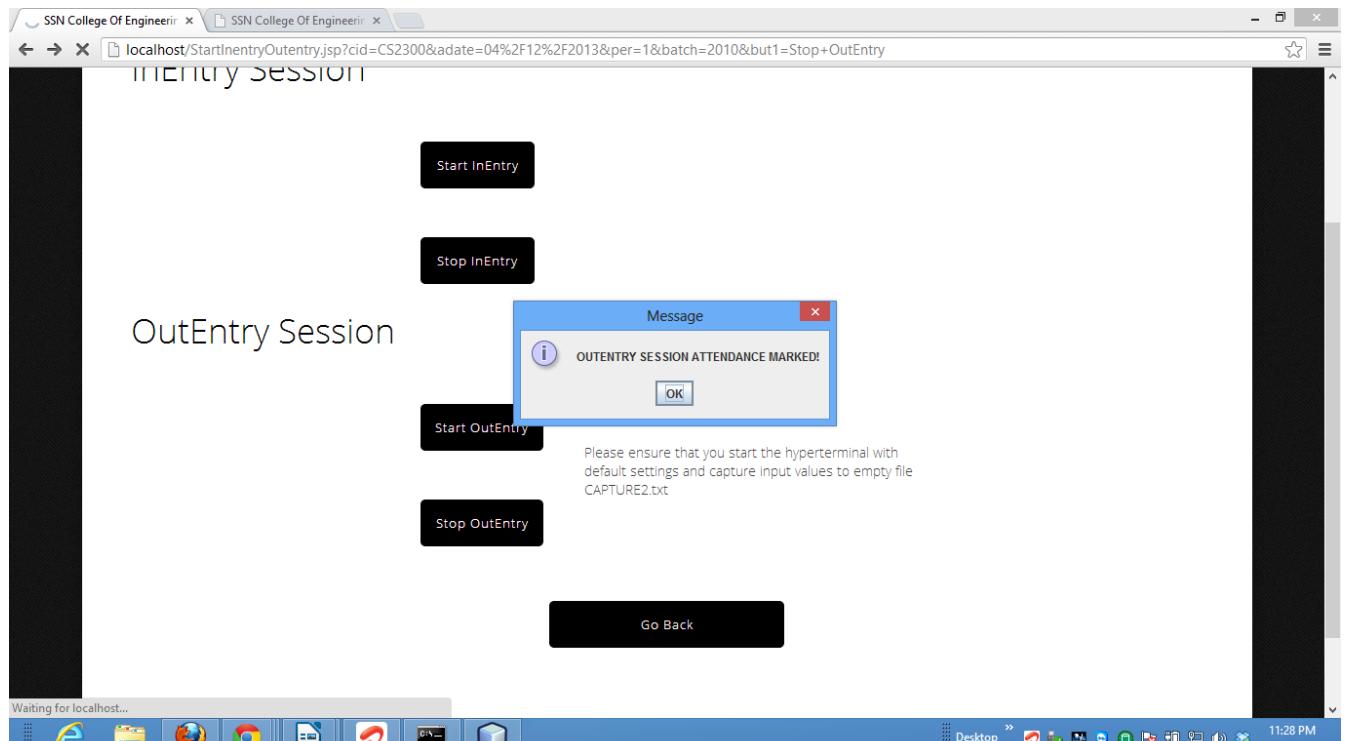
OutEntry Session

Start OutEntry

Stop OutEntry

Fig 30

Step-6 To stop OutEntry session and mark OutEntry for the students in the system, click on Stop OutEntry button .



Waiting for localhost...

Desktop >

11:28 PM
11/4/2013

Fig 31

3. CREATING A TEST, UPDATING SCORES AND CALCULATING INTERNALS

Step-1 To Create a Test/ Update Test Scores/ Calculate Internals, click on the Create a Test/ Update Test Scores/ Calculate Internals button in Faculty Home page shown in Fig 24. A page appears that is similar to the one shown below.

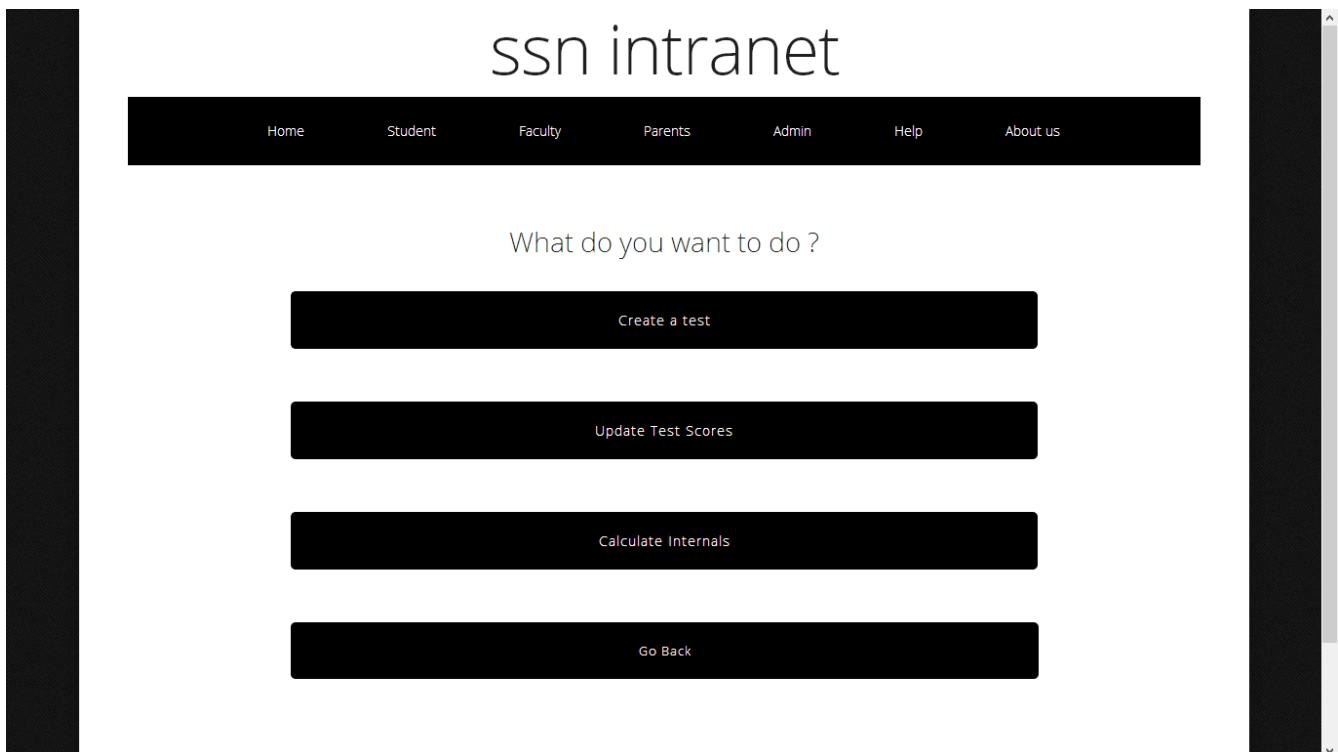


Fig 32

Step-2 Click on Create a Test button, and in the tab that appears below, enter the test details and click on Create button.

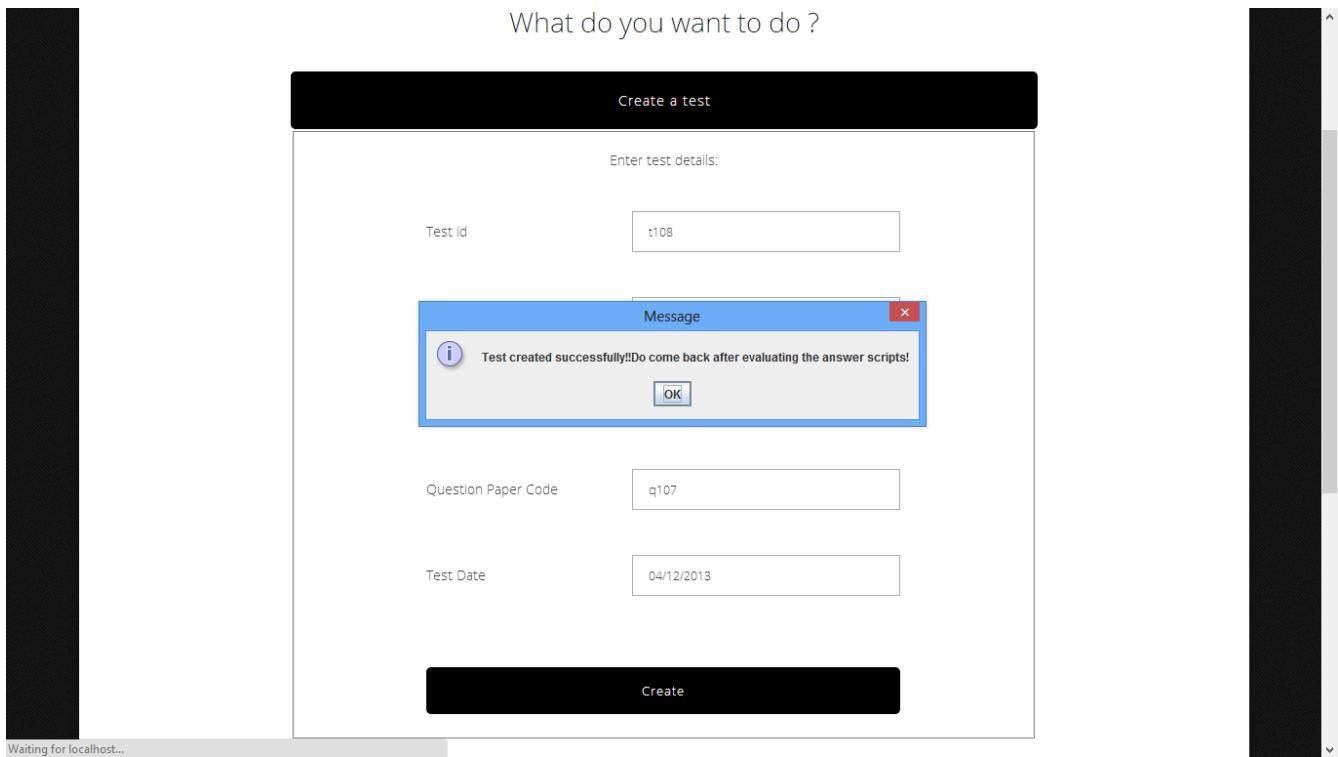


Fig 33

Step-3 Next updating test scores can be done by entering the test id and clicking on Update. You 'll be taken to a page which appears like the one show in Figure 34.

The screenshot shows a web application titled "ssn intranet". At the top, there is a navigation bar with links: Home, Student, Faculty, Parents, Admin, Help, and About us. Below the navigation bar, the text "What do you want to do ?" is displayed. Two main buttons are visible: "Create a test" and "Update Test Scores". Under the "Update Test Scores" button, there is a form field labeled "Enter :" followed by a text input box containing "t108". Below the input box is a "Update" button. The entire interface is contained within a white box with a black border.

Fig 34

Step-4 The list of all student who are enrolled in the course taught by the faculty appear with a text field next to them where marks scored can be entered and Save button can be chosen to update the scores in the system.

The screenshot shows the "ssn intranet" application. A "Message" dialog box is open, displaying the message "Marks Updated successfully!!Do come back later to calculate internals!" with an "OK" button. Below the dialog, there is a table with two columns: "Student Name" and "Marks Obtained". Three rows of data are present: Anantha Nithya with a mark of 100, Anjana S with a mark of 100, and Aruna S with a mark of 100. At the bottom of the table is a "Save" button. The footer of the page contains the copyright notice "Copyright (c) 2013 Universal Student Identification using RFID. All rights reserved. Design by Prolific Coderz." and a status message "Waiting for localhost...".

Fig 35

Step-4 Internals can be updated by entering the course for which internals has to be calculated, the start date and end date of the semester (for fetching attendance within these dates) and by clicking on Calculate button.

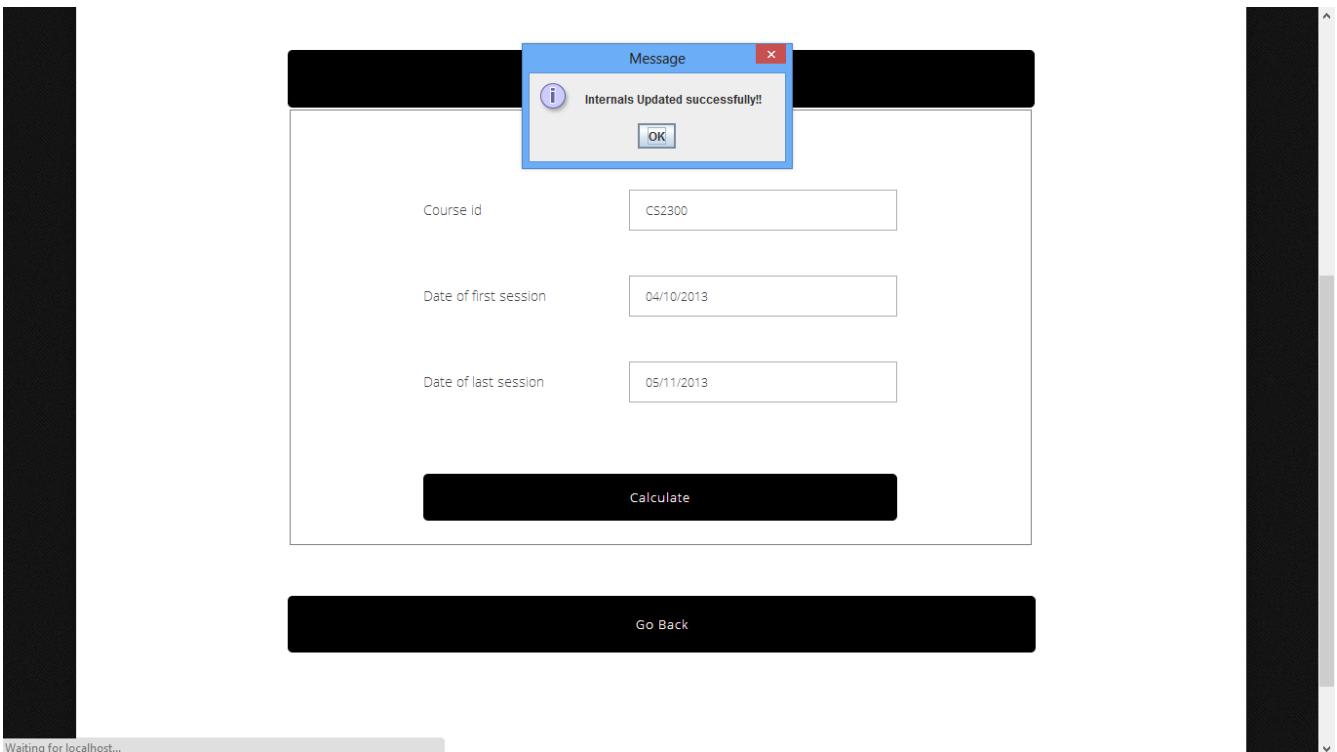


Fig 36

Step-5 The calculate internals for the students will appear in the next page as shown below.

A screenshot of the "ssn intranet" website. The header features a navigation menu with links for Home, Student, Faculty, Parents, Admin, Help, and About us. The main content area displays a table of student marks:

RFID	Student Name	Marks Obtained
2800B21E7AFE	Anjana S	18.8
2E007623572C	Aruna S	15.900001
010016444516	Anantha Nithya	19.4

At the bottom of the page is a black "Go Back" button and a copyright notice: "Copyright (c) 2013 Universal Student Identification using RFID. All rights reserved. Design by Prolific Coderz."

Fig 37

STUDENT USER

1. LOGGING IN

Step-1 Click on student navigation link and in the login page that appears, enter the student username and password and press login button

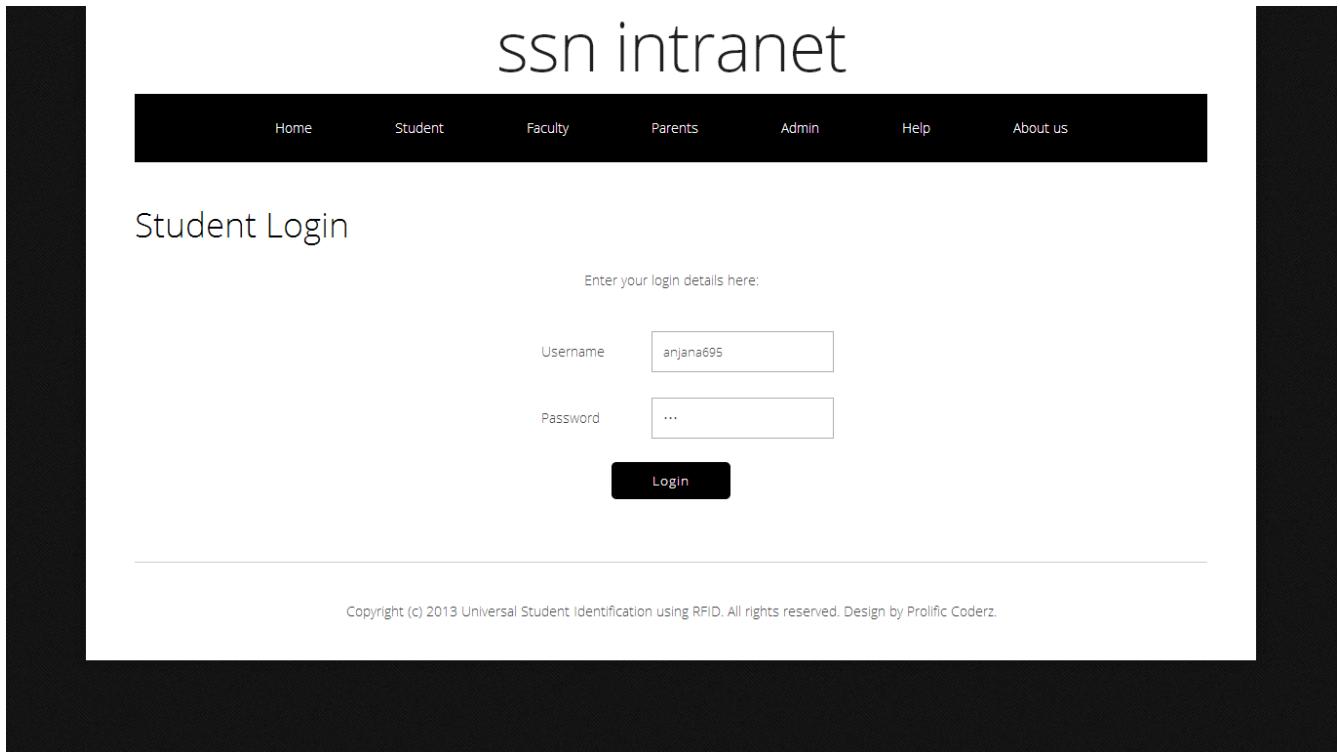


Fig 38

Step-2 The student home page appears with a list of all options that the student is allowed to do.

ssn intranet

Home Student Faculty Parents Admin Help About us

Student Home

[Go to Chat Room](#)

[View Performance Report](#)

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Fig 39

2.USING CHAT ROOM

Step 1: To go to chat room click on Go to chat room button in Student home page shown in Fig 38. A page like the one shown below appears prompting you to enter your name.

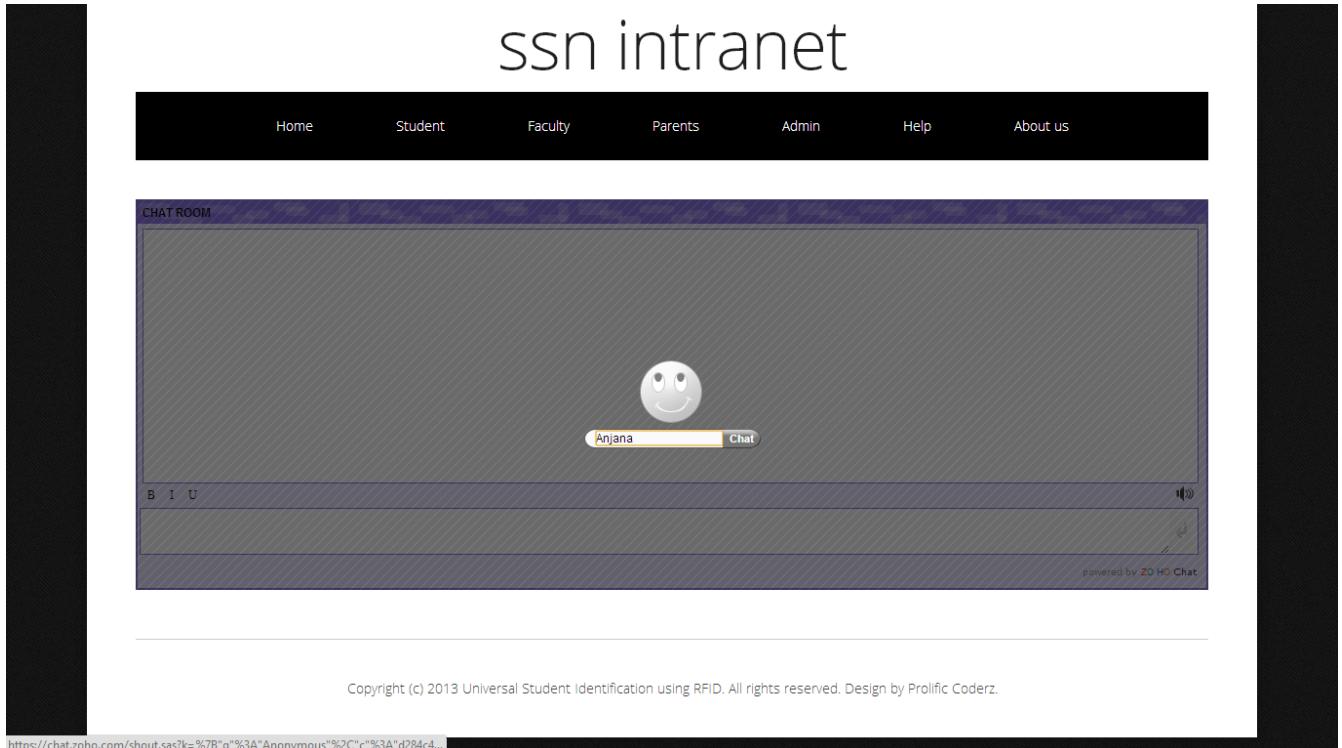


Fig 40

Step-2 The chat room opens and you can see the previous chats and share your opinions and ideas there

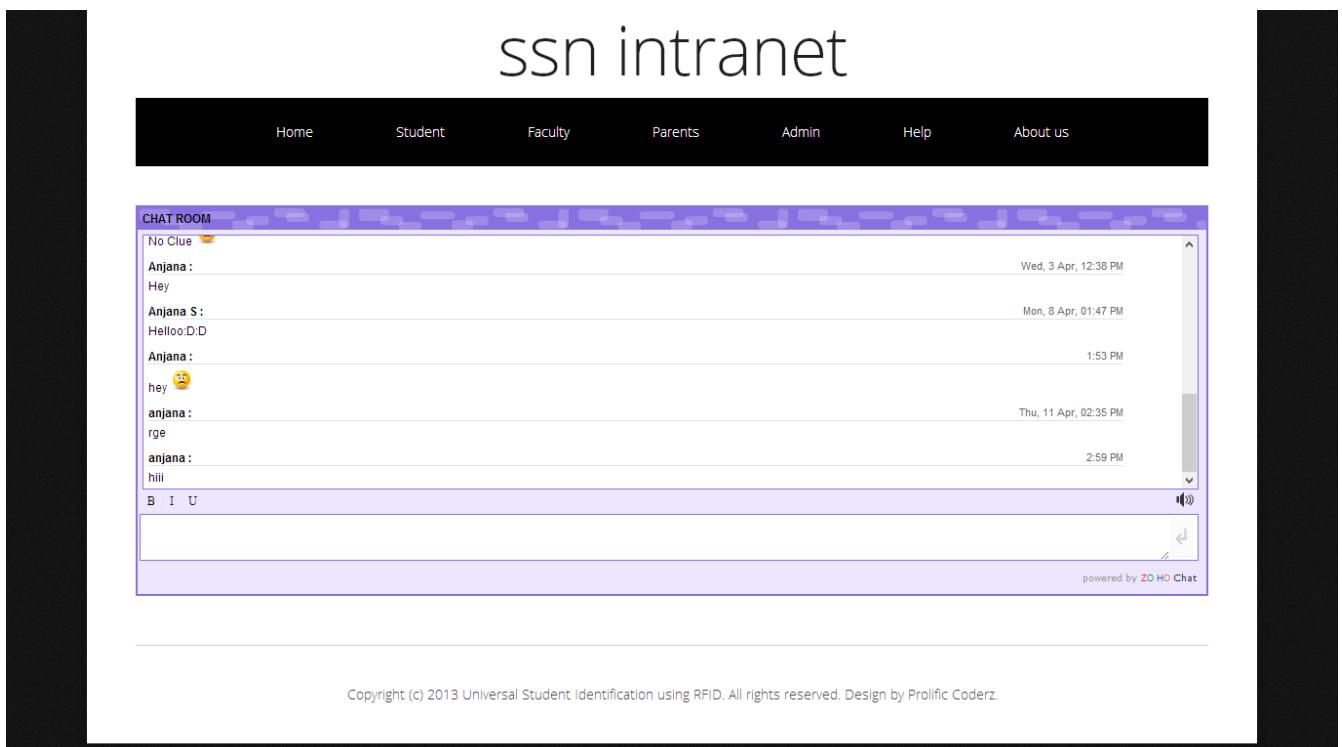


Fig 41

3.VIEW PERFORMANCE REPORTS

Step 1: To view performance reports, click on View Performance Report button in Student home page shown in Fig 38. A page like the one shown below appears. The RFID of the student automatically appears. The month for which report has to be generated is entered and View Report button is clicked to view the Report, and to Export it, View as PDF button is clicked

The screenshot shows a web page titled "ssn intranet". At the top, there is a navigation bar with links: Home, Student, Faculty, Parents, Admin, Help, and About us. Below the navigation bar, the title "View Performance Report" is displayed. There are two input fields: "Enter RFID Number" containing "2800B21E7AFE" and "Choose the month" containing "January". Below these fields are two buttons: "View Report" and "View As PDF". At the bottom of the page, there is a copyright notice: "Copyright (c) 2013 Universal Student Identification using RFID. All rights reserved. Design by Prolific Coderz."

Fig 42



Fig 43

JasperViewer

The screenshot shows a JasperViewer window displaying a performance report. The report title is "PERFORMANCE REPORT". Below the title, there are five data entries: RFID, Name, Department, Semester, and Batch. The data values are: RFID: 2800B21E7AFE, Name: Anjana S, Department: cse, Semester: 5, and Batch: 2010. Below this, there is a table with two rows. The table has two columns: "Course Name" and "Marks Obtained". The first row shows Software Engineering with a mark of 90, and the second row shows Numerical Methods with a mark of 88. The bottom of the window displays a footer bar with navigation icons and the text "Page 1 of 1".

Course Name	Marks Obtained
Software Engineering	90
Numerical Methods	88

Page 1 of 1

Fig 44

PARENT USER

1. LOGGING IN

Step-1 Click on parent navigation link and in the login page that appears, enter the parent username and password and press login button

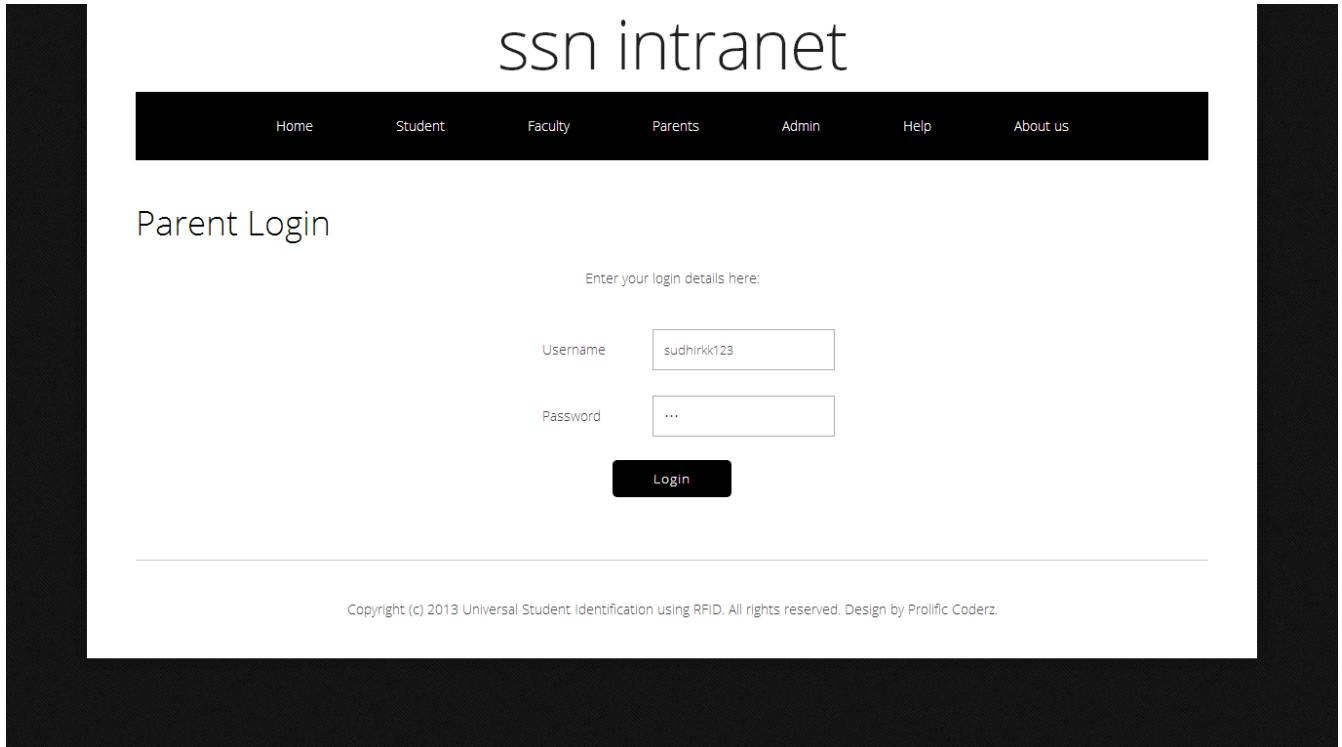


Fig 45

Step-2 The parent home page appears with a list of all options that the parent is allowed to do.

ssn intranet

Home Student Faculty Parents Admin Help About us

Parent Home

[View Child's Performance Report](#)

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Fig 46

2. VIEW CHILD'S PERFORMANCE REPORTS

Step 1: To view their ward's performance reports, click on View Child's Performance Report button in Student home page shown in Fig 46. A page like the one shown below appears. The RFID of the child automatically appears. The month for which report has to be generated is entered and View Report button is clicked to view the Report, and to Export it, View as PDF button is clicked.

The screenshot shows a web page titled "ssn intranet". At the top, there is a navigation bar with links: Home, Student, Faculty, Parents, Admin, Help, and About us. Below the navigation bar, the title "View Performance Report" is displayed. There are two input fields: "Enter RFID Number" containing "2800B21E7AEE" and "Choose the month" containing "january". Below these fields are two buttons: "View Report" and "View As PDF". At the bottom of the page, a copyright notice reads: "Copyright (c) 2013 Universal Student Identification using RFID. All rights reserved. Design by Prolific Coderz."

Fig 47

ssn intranet

Home Student Faculty Parents Admin Help About us

Performance Report

RFID Number : 2800B21E7AFE

Student Name : Anjana S Semester : 5

Department : cse Batch : 2010

Course Name	Marks Obtained
Software Engineering	90
Numerical Methods	88

[Click here to go Back](#)

Fig 48



Fig 49

JasperViewer

The screenshot shows a JasperViewer window displaying a performance report. The report title is "PERFORMANCE REPORT". Below the title, there are five data entries: RFID, Name, Department, Semester, and Batch. A table follows, listing course names and their corresponding marks obtained.

PERFORMANCE REPORT

RFID : **2800B21E7AFE**

Name : **Anjana S**

Department : **cse**

Semester : **5**

Batch : **2010**

Course Name	Marks Obtained
Software Engineering	90
Numerical Methods	88

Page 1 of 1

Fig 50

HELP PAGE

For further help contact us by clicking on help navigation link and sending a mail to the id mentioned.

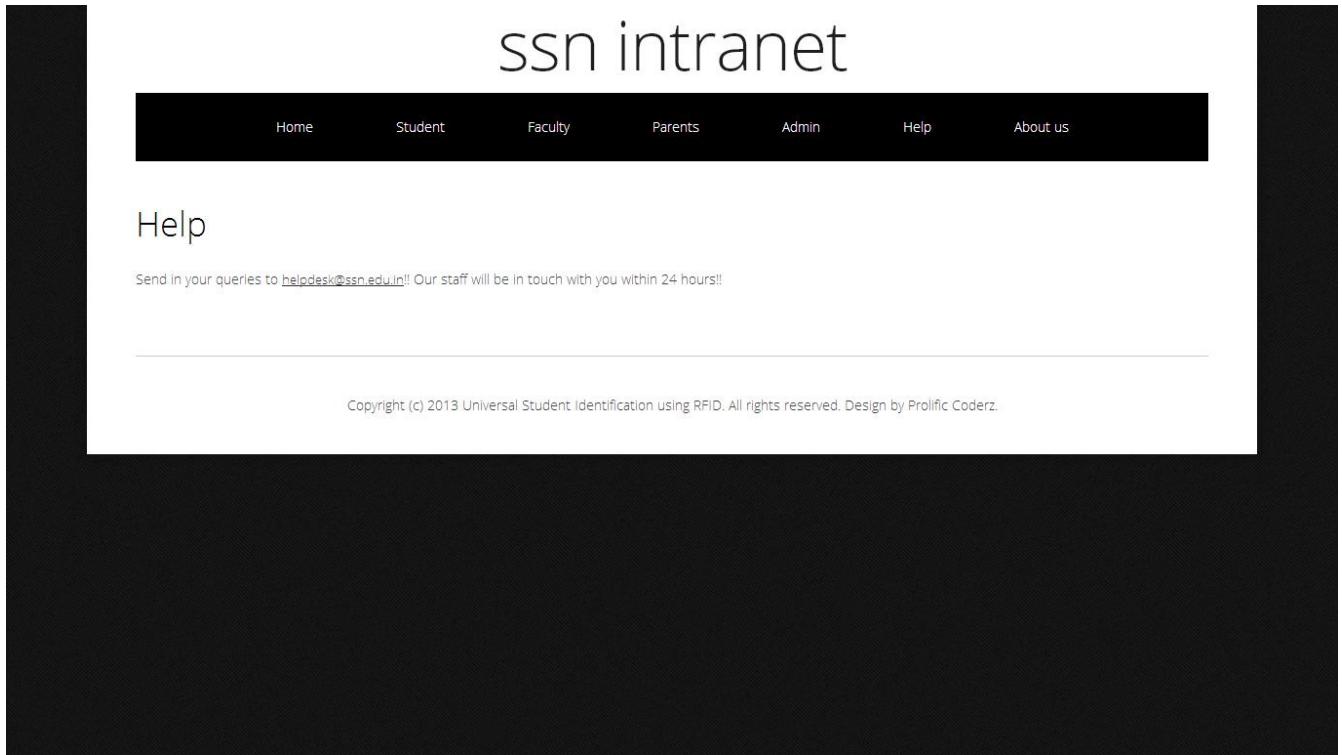


Fig 51

ABOUT US PAGE

An about us page describing the college is provided and can be reached by selecting About us option in navigation links.

The screenshot shows a dark-themed website for 'ssn intranet'. At the top, there is a navigation bar with links for Home, Student, Faculty, Parents, Admin, Help, and About us. The 'About us' link is highlighted in white. Below the navigation bar, the page title 'About us' is displayed in a large, bold, white font. The main content area contains a detailed paragraph about SSN Institutions, mentioning their founding by Dr. Shiv Nadar, their mission, facilities, and student life. At the bottom of the page, there is a copyright notice: 'Copyright (c) 2013 Universal Student Identification using RFID. All rights reserved. Design by Prolific Coderz.'

ssn intranet

Home Student Faculty Parents Admin Help About us

About us

SSN Institutions, founded by Dr. Shiv Nadar, Chairman, HCL Technologies, stands out as a premier center of higher learning with a mission of pursuing excellence in education and research. The institutions, with their diverse and dynamic community of students offer a distinctive combination of some of the finest graduate, undergraduate and research programs, accomplished faculty, world class facilities and a residential campus set on a sprawling 250 acres of sylvan surroundings. SSN Institutions provide a variety of stimulating environments for intellectual development, free thinking, and personal growth, challenging its students with dynamic learning opportunities and equipping them with the skills, insights, attitudes and practical experiences that are necessary to take up responsibilities in the society. While students at SSN immerse themselves in academics, the college has a lot in store for them outside the classroom. Student life includes participation in sports, recreational & co-curricular activities and cultural. In short, at SSN, students will find an academic and social environment where everyone- from faculty members to peers help shape their future. SSN is a home to aesthetically designed buildings with state of-the-art computer and internet facilities, modern workshops, seminar halls, auditoriums and well stocked libraries, sports and games fields in addition to an indoor stadium with gymnasium. As an exemplary institution of learning, SSN follows an admission policy that strongly favors merit, even as it enables access to education for students from all strata of society through appropriate scholarships. The institution boasts of a strong alumni network with alumni events held every year serving as a platform for past students to give back to SSN and share their experiences with its present fellow students. With so much to offer, it is only natural that students of SSN get a unique opportunity to carve a niche for themselves in their chosen field of study that enables them to become well-rounded and discerning citizens, fully qualified for their chosen professions in the workplace.

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Fig 52