

ONLINE COURSE REGISTRATION SYSTEM



**Software Engineering
Project Report**

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**Under Supervision
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Requirements & Technologies

Web Browser : Mozilla, Google Chrome, IE8, OPERA

Software : XAMPP Server

Technology Implemented : Apache Server

Language Used : PHP 5.62 (Developed in Core PHP)

Database : My SQL

Steps to Run the Code

A. Installation Steps

1. Unzip file on your local system.
2. Put this file inside root directory.
3. Database Configuration.

B. Database Configuration

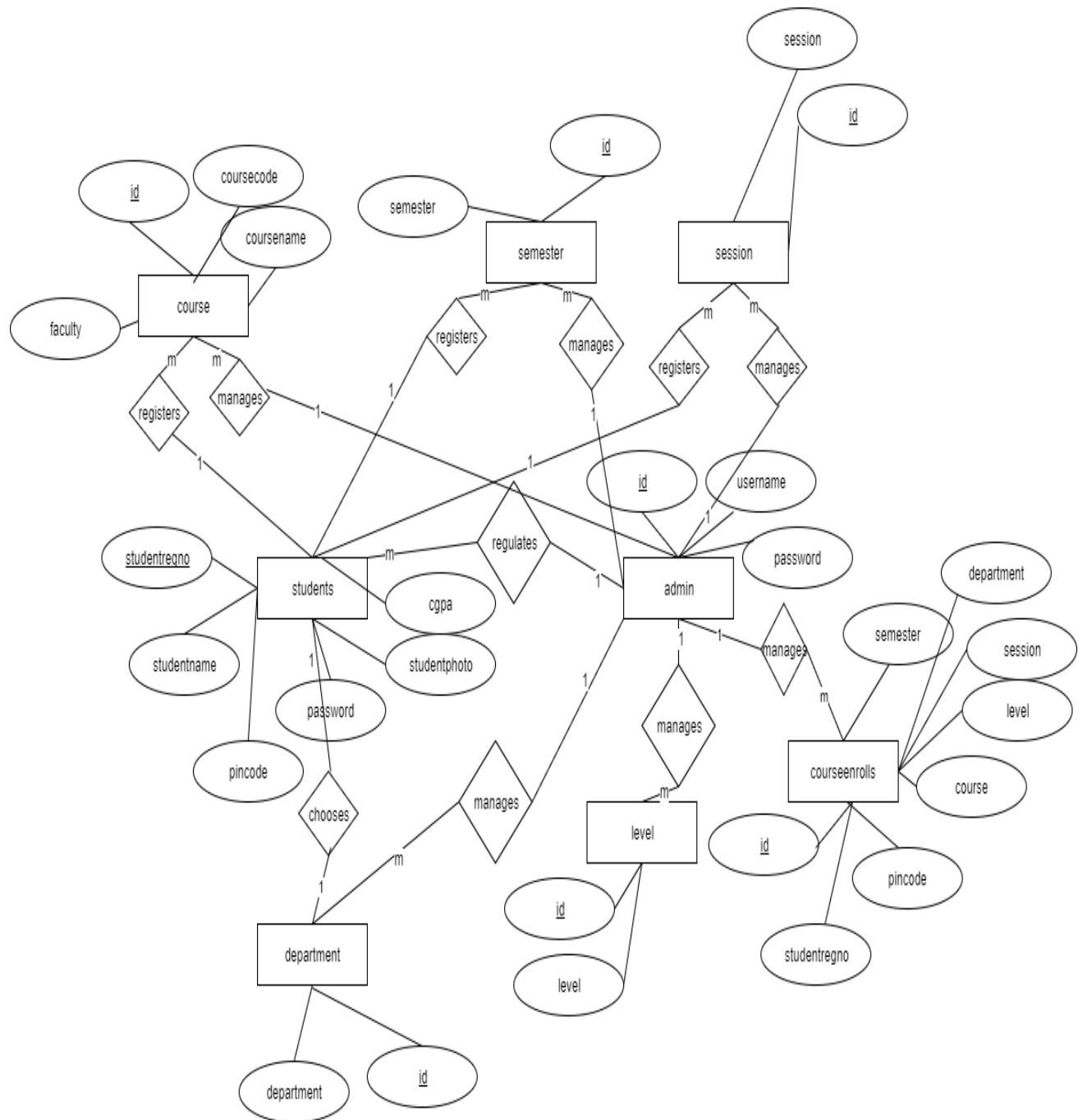
- Open PHPmyAdmin <http://localhost/phpmyadmin/>
- Create Database onlinecourse
- Import database onlinecourse.sql (available inside zip package)
- Open Your browser put inside browser <http://localhost/onlinecourse>
- **Login Details**
To Login as admin put inside browser <http://localhost/onlinecourse/admin>
Login Details for admin: admin/admin
- To Login as Student put inside browser <http://localhost/onlinecourse/>
Login Details for Student: 123456/Test@123

Features of the Project

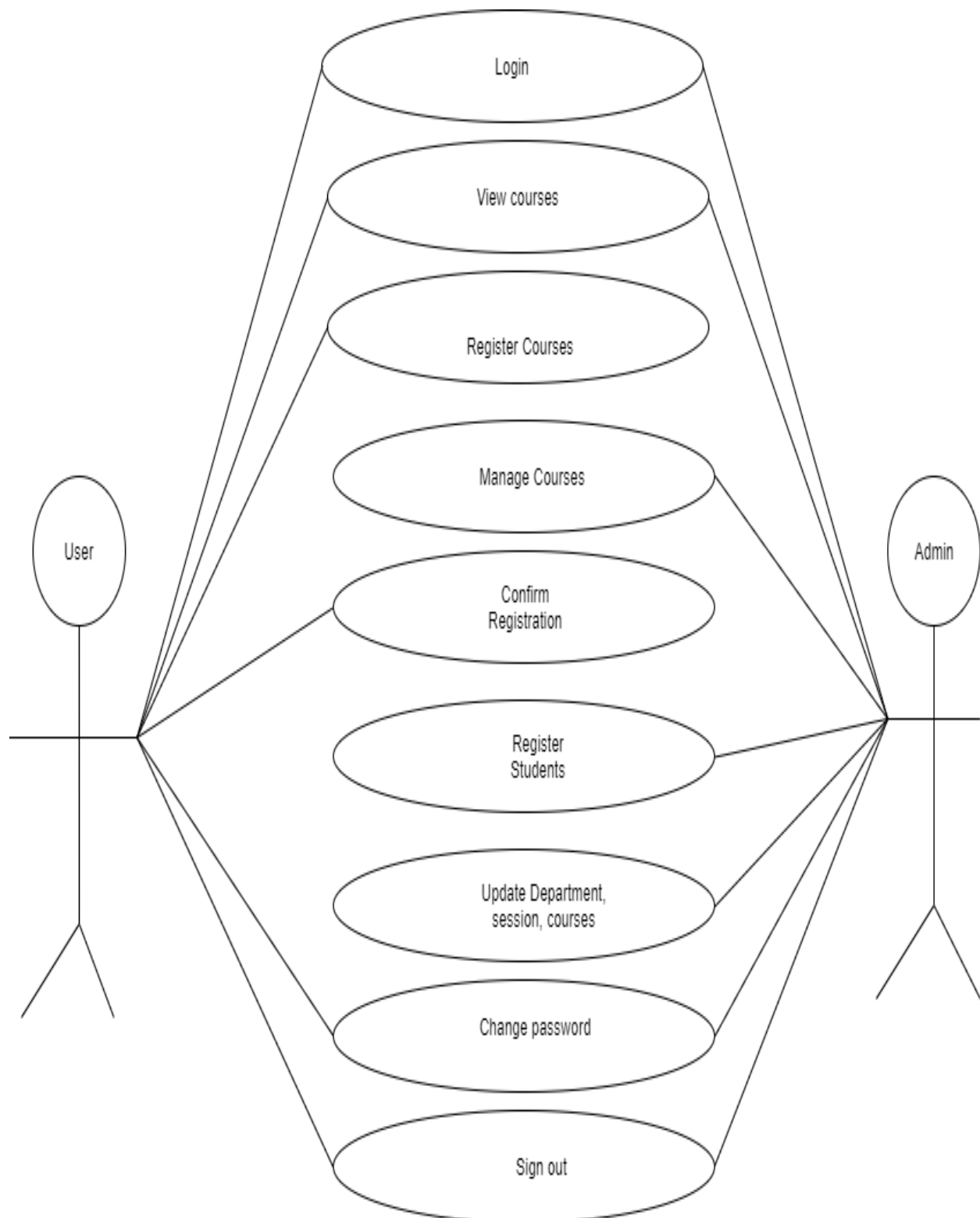
1. It enables students to easily do their registration for the semester.
2. It doesn't allow enormous registration by a particular student.
3. It also doesn't allow outsiders to do fake registrations.
4. Only Admin can make a student authorise to use the system.
5. Admin can edit the session, semester, course, year, limit of seats etc.
6. Students can add their own image while printing the course registration forms.

Diagrams

1. Entity-Relationship Diagram



2. Use Class Diagram



Screenshots

Student

1. Login page of the student.


The screenshot shows the login page for the National Institute of Technology Sikkim Online Course Registration. The header features the institute's logo and name in Hindi and English, along with the text 'An Institute of National Importance' and 'Online Course Registration'. Below the header, there is a red banner with the text 'PLEASE LOGIN TO ENTER'. The main content area contains a login form with two input fields: 'Enter Reg no :' and 'Enter Password :'. A 'Log Me In' button is located below the password field. To the right of the login form, there is a blue box titled 'Instructions' containing a list of guidelines: 'Please login with proper credentials', 'Don't register in a particular course for several times', 'Remember your pincode', and 'For any further queries contact Admin'. At the bottom of the page, there is a red footer with the text '© 2017 Online Course Registration | By : Swathi'.

2. After logging in successfully.

The screenshot shows the page after successful login. The header is the same as the login page, but it includes a welcome message 'Welcome: swathi' and the last login time 'Last Login: 1 at 2017-11-03 16:36:32'. Below the header, there is a red banner with the text 'STUDENT CHANGE PASSWORD'. The main content area contains a form titled 'Change Password' with three input fields: 'Current Password', 'New Password', and 'Confirm Password'. A 'Submit' button is located below the 'Confirm Password' field. At the bottom of the page, there is a red footer with the text '© 2017 Online Course Registration | By : Swathi'.

3. Enrolment page for the course by the student (Verification Page- By human or by robot).

Welcome: unshih Last Login: 11-03-2017 16:36:32

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ENROLL FOR COURSE ENROLL HISTORY MY PROFILE CHANGE PASSWORD LOGOUT

STUDENT PINCODE VERIFICATION

Pincode Verification

Enter Pincode


Pincode

Verify

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4. Enrolment for the course by the student. (After Verification)

Welcome: unshih Last Login: 11-03-2017 16:36:32

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ENROLL FOR COURSE ENROLL HISTORY MY PROFILE CHANGE PASSWORD LOGOUT

COURSE ENROLL

Enrollment ID

Student Name

unshih


Registration No

12345678

Pincode

123456

Student Photo



Gender

Male

Department

Computer Science and Engineering

Level

Third

Semester

Fifth Sem

Enrollment Date

2017-11-03 10:19:48


Action

Print

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5. After successful enrolment, student can see his/her enrolled courses. And he/she can also get the print of enrolled courses list.


Welcome: unshih Last Login: 11-03-2017 16:36:32

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ENROLL FOR COURSE ENROLL HISTORY MY PROFILE CHANGE PASSWORD LOGOUT

ENROLL HISTORY


Enroll History

#	Course Name	Session	Department	Level	Semester	Enrollment Date	Action
1	Software Engineering	2017-18	Computer Science and Engineering	Third	Fifth Sem	2017-11-03 10:19:48	

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6. Student's personal profile page.

Welcome: sneelth | Last Login: 11 at 2017-11-03 16:36:32



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ENROLL FOR COURSE | ENROLL HISTORY | MY PROFILE | CHANGE PASSWORD | LOGOUT

STUDENT REGISTRATION

Student Registration

Student Name

sneelth

Student Reg No

123456


Pincode

624001

CITY

812

Student Photo



Upload New Photo

Choose File


No file chosen

Update

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7. Student can change his/her login password here.

Welcome: sneelth | Last Login: 11 at 2017-11-03 16:36:32



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ENROLL FOR COURSE | ENROLL HISTORY | MY PROFILE | CHANGE PASSWORD | LOGOUT

STUDENT CHANGE PASSWORD

Change Password

Current Password

Password

New Password

Password

Confirm Password


Password

Submit

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Admin

1. Admin login page.



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PLEASE LOGIN TO ENTER

Enter Username :

Enter Password :


Log Me In

Instructions

- Please login with proper credentials
- Don't register in a particular course for several times
- Remember your pincode
- For any further queries contact Admin

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2. After logging in successfully by admin, we can have the option of changing his/her login password because the credentials of admin should be changed frequently.



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DASHBOARDSESSIONSEMESTERDEPARTMENTCOURSEREGISTRATIONMANAGE STUDENTSENROLL HISTORYSTUDENT LOGSLOGOUT

ADMIN CHANGE PASSWORD

Change Password

Current Password


New Password

Confirm Password

Submit

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3. Admin can manipulate the session in this page.



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ADD SESSION

Session

Create Session

Session


Submit

Manage Session

#	Session	Creation Date	Action
1	2017-18	2017-11-02 00:18:25	Delete

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4. Admin can manipulate semesters here in this page.



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SEMESTER

Semester

Add Semester

Semester


Submit

Manage Semester

#	Semester	Creation Date	Action
1	First Sem	2017-02-10 00:17:14	Delete
2	Second sem	2017-02-10 00:17:39	Delete
3	Third Sem	2017-02-10 00:18:04	Delete
4	Fourth Sem	2017-11-02 00:11:34	Delete
5	Fifth Sem	2017-11-02 00:11:40	Delete
6	Sixth Sem	2017-11-02 00:11:49	Delete
7	Seventh Sem	2017-11-02 00:11:58	Delete
8	Eighth Sem	2017-11-02 00:12:07	Delete

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5. In this page admin can manipulate the departments



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DEPARTMENT

Department

Add Department

Department


Submit

Manage Session

#	Department	Creation Date	Action
1	Bio Technology	2017-11-02 00:12:38	Delete
2	Computer Science and Engineering	2017-11-02 00:12:52	Delete
3	Civil Engineering	2017-11-02 00:12:59	Delete
4	Electrical and Electronics Engineering	2017-11-02 00:13:05	Delete
5	Electronics and Communication Engineering	2017-11-02 00:13:07	Delete
6	Mechanical Engineering	2017-11-02 00:14:04	Delete

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6. Admin can manipulate courses here in this page.



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COURSE

Course

Course Code

Course Name

Faculty

Seat limit


Submit

Manage Course

#	Course Code	Course Name	Faculty	Seat limit	Creation Date	Action
1	CS3001	Theory of Computation	Mr. B. Bang Hask	100	2017-11-02 09:19:02	Edit Delete
2	CS3004	Software Engineering	Mr. Parag Karmakar	100	2017-11-02 09:58:11	Edit Delete

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7. Admin can able to add/ delete a student or simply can register/unregister a student.



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STUDENT REGISTRATION

Student Registration

Student Name


Student Reg No

Password

Submit

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8. Admin can see the list of students who are registered in the college.



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COURSE

Manage Course

#	Reg No	Student Name	Pincode	Reg Date	Action
1	123456	snehlith	826553	2017-11-01 23:59:48	Edit Delete Reset Password

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9. Admin can see and have a print of list of students who enrolled for different courses.



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ENROLL HISTORY

Enroll History

#	Student Name	Student Reg no	Course Name	Session	Semester	Enrollment Date	Action
1	snehith	123456	Software Engineering	Computer Science and Engineering	Fifth Sem	2017-11-03 10:19:48	Print

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10. Admin can track the students' login session here.



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ENROLL HISTORY

ENROLL HISTORY

#	Student Name	#	Login Time	Logout Time	Status
1	Snehith	1	2017-11-03 10:19:48		Y
2	Snehith	2	2017-11-03 10:19:48		Y
3	Snehith	3	2017-11-03 10:19:48		Y
4	Snehith	4	2017-11-03 10:19:48		Y
5	Snehith	5	2017-11-03 10:19:48		Y
6	Snehith	6	2017-11-03 10:19:48		Y
7	Snehith	7	2017-11-03 10:19:48		Y
8	Snehith	8	2017-11-03 10:19:48		Y
9	Snehith	9	2017-11-03 10:19:48		Y
10	Snehith	10	2017-11-03 10:19:48		Y
11	Snehith	11	2017-11-03 10:19:48		Y
12	Snehith	12	2017-11-03 10:19:48		Y
13	Snehith	13	2017-11-03 10:19:48		Y
14	Snehith	14	2017-11-03 10:19:48		Y
15	Snehith	15	2017-11-03 10:19:48		Y
16	Snehith	16	2017-11-03 10:19:48		Y
17	Snehith	17	2017-11-03 10:19:48		Y
18	Snehith	18	2017-11-03 10:19:48		Y
19	Snehith	19	2017-11-03 10:19:48		Y
20	Snehith	20	2017-11-03 10:19:48		Y
21	Snehith	21	2017-11-03 10:19:48		Y
22	Snehith	22	2017-11-03 10:19:48		Y
23	Snehith	23	2017-11-03 10:19:48		Y
24	Snehith	24	2017-11-03 10:19:48		Y
25	Snehith	25	2017-11-03 10:19:48		Y
26	Snehith	26	2017-11-03 10:19:48		Y
27	Snehith	27	2017-11-03 10:19:48		Y
28	Snehith	28	2017-11-03 10:19:48		Y
29	Snehith	29	2017-11-03 10:19:48		Y
30	Snehith	30	2017-11-03 10:19:48		Y

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Benefits to the User

1. Can register for the semester/ particular course at any point of time from any remote location.
2. In avoiding delay caused due to lethargic clerical work.
3. Can forget about mistakes/ over-writings in the ***"HARD"*** copy of the application.

Future Works

1. Can integrate the same with the online result management system.
2. Can authenticate the credentials with GMAIL API.