

A Student Unique Identification In University

D Uma Maheswari¹, H.Syed Ali Fathima²

¹STUDENT, DEPARTMENT OF MCA, MOTHER THERESA INSTITUTE OF COMPUTER APPLICATIONS, PALAMANER, INDIA

²ASSISTANT PROFESSOR, HEAD OF DEPARTMENT, DEPARTMENT OF MCA, MOTHER THERESA INSTITUTE OF COMPUTER APPLICATIONS, PALAMANER, INDIA

Abstract

Unique id management system is a project developed to provide the information about students in any university. The information can be found by the unique id of the citizen. In this unique id management system all the transactions based on the id will be performed by the citizen. A student unique identification in University (SUIU) is a software application for education establishments to manage student's data. SUIU for entering student tests university. The Purpose of the project is to detect which student is entering and leaving the college. At the end of the month based on the attendance, maintaining student's records, faculty records.

I. INTRODUCTION

When the student enters the classroom the teacher takes student attendance In-Time would be marked, and when the student leaves the class his Out-Time would be recorded. The students who are both In-Time and Out-Time record will only be considered as present. In this project we implement Automated Attendance Marking, Unit Test Result Generation, Centralized Library Automation, and Report Generation. An Auto Generated mail would be sent to the principal, teachers, parents, students of school regarding the news or events, attendance, mark sheet, yearly magazine. Every student, staff, alumni would be given a username, password and they can check information related to them. For e.g. parents would be able to see the detailed report of his child attendance, mark sheet etc.

Existing system maintenance of the Employee/Student attendance record not in secure manner. There is time consuming process to calculate salaries of employees based on working days and working hours. Employees/Professors /Student know about holidays through notice boards. No facility to get automatic mails regarding holidays and festival wishes. There is no facility to Students to view, update his details and view his monthly attendance. This existing system is not providing secure registration and profile management of all the users properly. The system doesn't provide any facility to maintain any feedback option for users. Having all information in the form of paper records it is not in secure and time taken process to get data immediately. Data searching process is not there. It is not user friendly. Generation attendance reports are not possible.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach. Proposed system maintenance of the Employee/Students attendance record in secure manner. Setup the basic details of organization such as working hours, number of working days per month to calculate the salaries is very easy. Easy maintenance Issue of salaries/Student monthly attendance records. Employee must be able to view and update his details, view his attendance reports. Send automatic mails to employees regarding salaries, attendance, holidays. Send messages to mobiles if employee absent or issued salaries or general messages regarding holidays wishes etc. This system maintains user's personal, address, and contact details. User friendliness is provided in the application with various controls provided by system rich user interface. Authentication is provided for this application only registered users can access. Report generation features is provided using to generate different kind of reports

Modules:-

- Administrator Module
- Attendance Module(Student/Faculty)
- Mails, Holidays, Leaves
- Security Authentication
- Reports

Functional Requirements of the Project:

1. Administrator:

New Registration:

- Registration for Students
- Registration for Staff/Faculty
- Registration for Parents

Search:

Students

- View Branch Wise Students
- View ID Wise Students

Staff:

- View Department Wise Staff/Faculty
- View ID Wise Staff/Faculty
- View Year Wise Staff/Faculty

Branches:

Department

- Add New Department Details
- View Department Details

Course

- Add New Course Details
- View Course Details

Braches

- Add New Branch Details
- View Branch Details

Result:

- Add Results Details
- View Results Details

2. Attendance Module:

- In Time and Out Time Record of Students and Faculty.
- View Attendance Report s
- Generate Salaries
- View Salaries

3. Mails, Holidays, Leaves

Mails

- Add Mails
- View Mails
- Read Mails
- Delete Mails

Holidays

- Add Yearly Holidays Details
- View Yearly Holidays Details

Leaves

- Apply Leaves
- View Laves

- Accept (or)Reject Applied Leaves

4. Security and Authentication:

- Login
- Logout
- Registration
- Change Passwords
- Forget Password
- View Profiles
- Update Profiles

5. Reports

* Generating Different Format report to be download (.xls, pdf, html, txt)

Front end (Store from front) Requirements

New Registration:

- Registration for Students
- Registration for Staff/Faculty
- Registration for Parents

Branches:

Department

- Add New Department Details

Course

- Add New Course Details

Braches

- Add New Branch Details

Result:

- Add Results Details

2. Attendance Module:

- In Time and Out Time Record of Students and Faculty.

3. Mails, Holidays, Leaves

Mails

- Add Mails
- Update Mails

Holidays

- Add Yearly Holidays Details

Leaves

- Apply Leaves
- Accept (or)Reject Applied Leaves

4. Security and Authentication:

- Login
- Logout
- Registration
- Change Passwords
- Forget Password
- Update Profiles

Back end (Retrive from backend) Requirements :

Administrator:

Search:

Students

- View Branch Wise Students
- View ID Wise Students

Staff:

- View Department Wise Staff/Faculty
- View ID Wise Staff/Faculty
- View Year Wise Staff/Faculty

Branches:

Department

- *View Department Details

Course

- View Course Details

Braches

- View Branch Details

Result:

- View Results Details

Attendance Module:

- View Attendance Reports
- Generate Salaries
- View Salaries

Mails, Holidays, Leaves

Mails

- View Mails
- Delete Mails

Holidays

- View Yearly Holidays Details

Leaves

- View Laves
- Accept (or)Reject Applied Leaves

Security and Authentication:

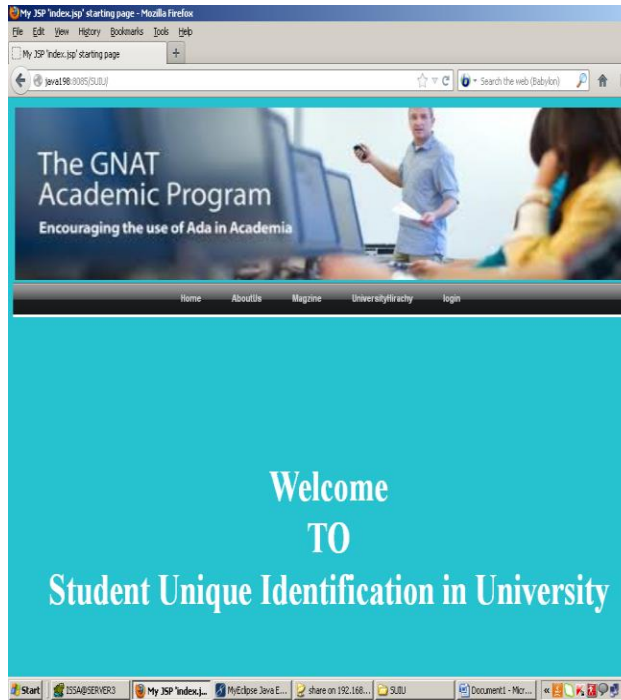
- View Profiles
- Update Profiles

Reports

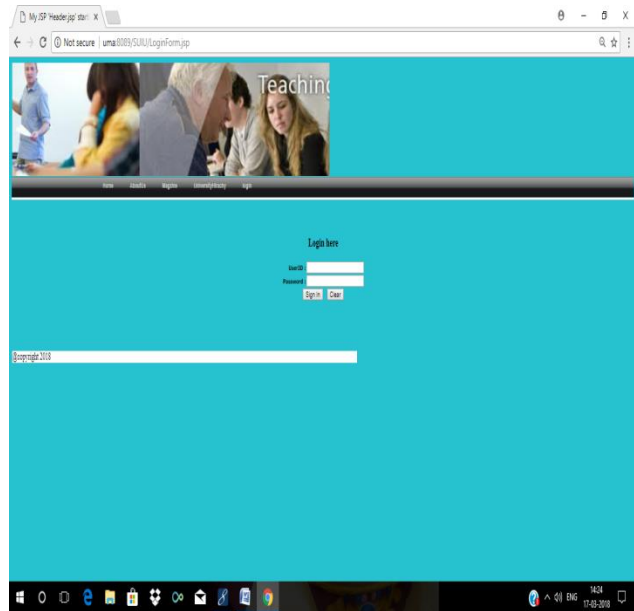
* Generating Different Format report To be download (.xls, pdf, html, txt)

Screen shots:-

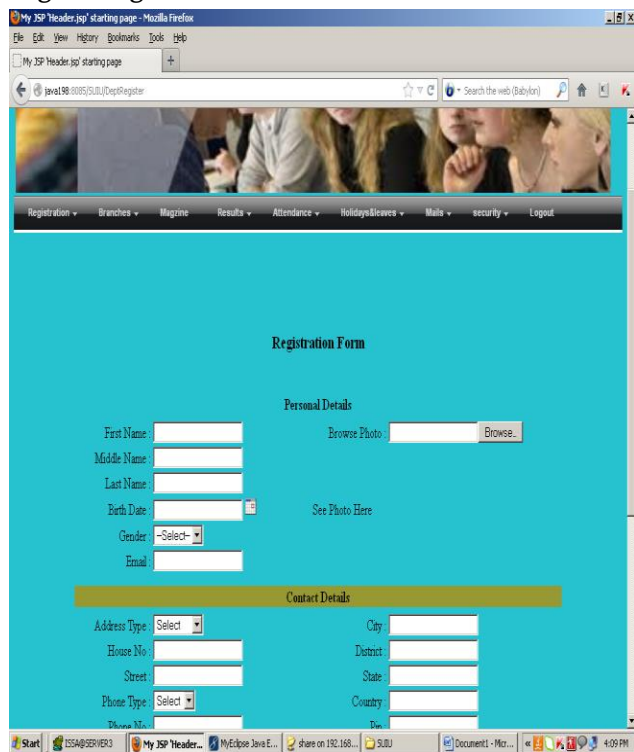
AdminLogin: -



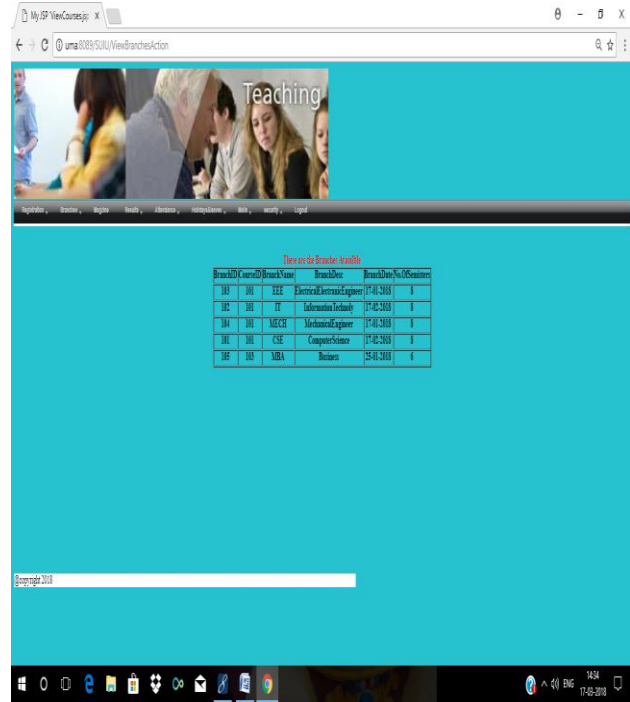
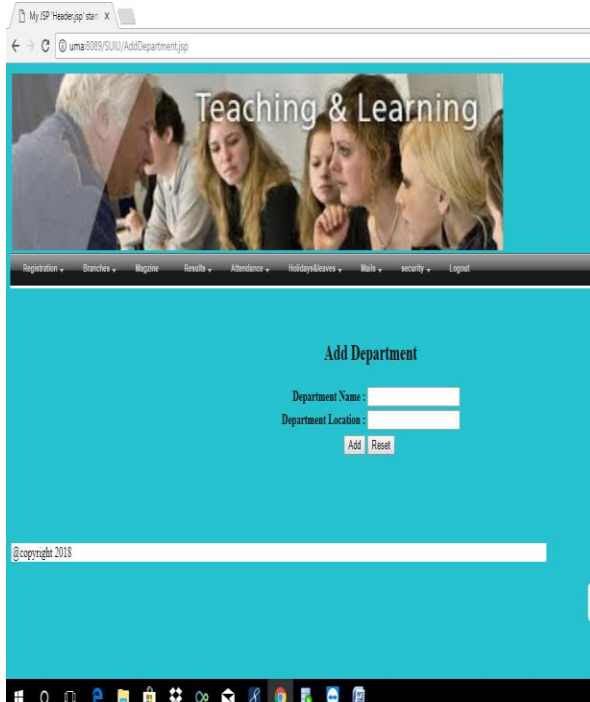
Admin login page



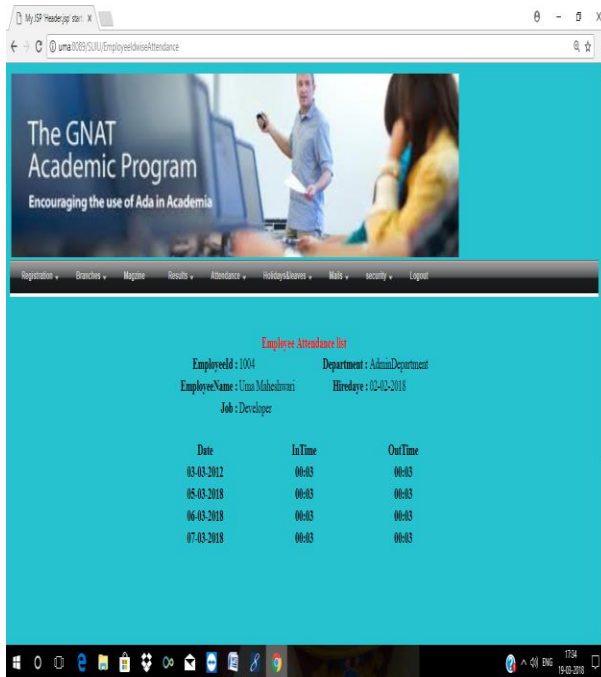
Registering the students



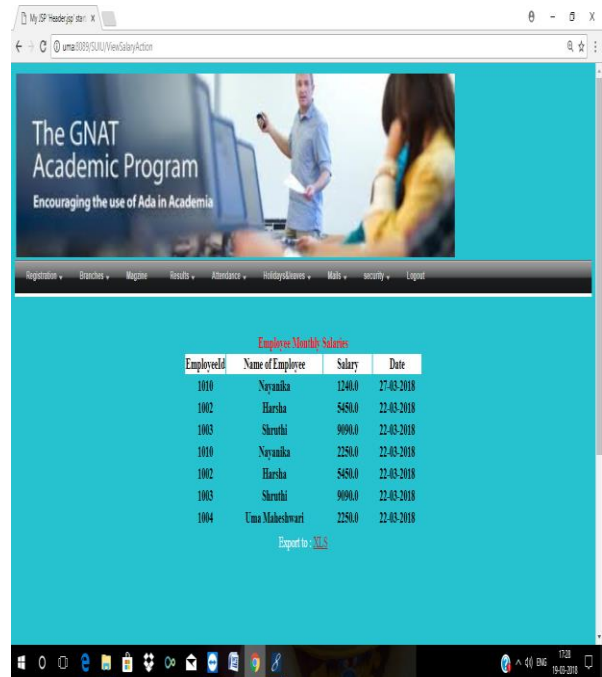
Add departments



View employee details



View employee monthly salaries



View branches

View holiday list

- (5) Answers.com, Online Dictionary, Encyclopedia and much more, URL: <http://www.answers.com>
- (6) Google, URL: <http://www.google.co.in>
- (7) The Complete Reference Struts James Holmes Struts: The Complete Reference, 2nd Edition - Free PDF Ebooks Downloadcomcol.nl: Struts: The Complete Reference, Second Edition ...STRUTS:The complete Reference
- (8) Jakarta Struts Pocket Reference Chuck Cavaness, Brian Keeton
- (9) Hibernate Tutorial in PDF URL: www.tutorialspoint.com/hibernate/hibernate_pdf_version.htm
- (10) NARESH I TECHNOLOGIES MATERIALS