



## MIGRATION OF SUN ERP PRODUCT TO UPCOMING TECHNOLOGY

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### Abstract

**Sun ERP product developed for automation of educational institutions. Currently the product is successfully implemented in many institutions across the country. As the technology develops there is need to migrate the product new technology due to following:**  
**To sustain in the competitive business,**  
**To increase the scalability,**  
**To give better performance to our clients,**  
**To ensure the down time of application of as less as possible,**  
**To provide more security for sensitive data.**

### Introduction

Sun ERP uses the J2EE architecture one of the most robust architecture with most stable database Oracle as back end. The product developed by keeping in mind that it could scale up to demand with respect to number of users/increase in size of the data or other factors. Below information will give the clarity on scalability.

Sun ERP+ is professional educational institute management software is designed to create an interactive web based application. It aims at simplifying and integrating various levels of administration to provide an overall integrated solution where members within any management can communicate and collaborate in easy effective means.

Sun ERP product includes following main modules

- Student Management System
- Human Resource Management System

Sun ERP product gives total solution, efficient management system for overall college administration.

### Literature Survey:

#### Existing System:

In the Existing System the registration of the student is done manually which is the time consuming process. All the works are done manually which increases the paper works and labour works and takes more time for completing the registration process.

It is very difficult to manage large information and creates lots of confusion between the student details.

Searching and modification of student details becomes difficult in paper work.

#### Proposed System:

Sun ERP product is developed for the new student registration and for different department to maintain the records of new student.

Due to this product it reduces the manual labour work and also saves the time of admin as well as student.

The Admin can search the student and can modify the student details easily.

The admin even can get the full report of a particular student regarding their personal details, fees structure, participation in various events and even his achievements obtained from previous institution and current institution.

#### Project Module Description:

##### New Admission

This module contains admission of the new student of different departments such as BE, M.TECH, MCA etc. Under this module it contains student details, qualified examination details, marks details, extra-curricular activities, club participation details, bank account details of new students from various departments.

**1. Student Details**

It contains the basic information of the new students such as his application information, program information and his personal details.

**2. Qualified Examination Details**

It contains the detail information of his Previous Institute, examination board, year of passing, total percentage and details of the entrance test which he has attempted.

**3. Qualified Marks Details**

It shows the detailed information of his qualified examination marks.

**4. Extra-Curricular Activities**

It contains the detailed information of his achievements in different fields from his Previous Institution.

**5. Club Participation Details**

In this module it shows the participation of student in various social Activities.

**6. Bank Account Details**

It Contains the Bank Information of the Student.

**Modified Admission**

In this module Admin can make the changes or modify the details related to student personal information, marks, extra-curricular activities, Bank Account information etc.

**Report**

It shows the overall information about the student details, fee structure of the Student, admission process of the Student

**Conclusion:**

Using this product the data will be secure no information will be leaked to the outsider. The manual work will be reduced and even time will

be saved. We can get the detail information about the student fees , marks, personal detail etc., . The searching becomes easy for collecting the information of a particular student and even if we need to modify the data of a student it can be done easily.

**References:**

- [1] S.R.Bharamagoudar “web based Student Information Management System”.
- [2] M.A Norasiah and A.Norhayati “Intelligent Student Information System”. 4th International Conference on Telecommunication Technology Proceeding