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## College Information System:

### 1. Introduction

This section gives a scope description and overview of everything included in the SRS document. Also, the purpose of the document is described and a list of operations is provided.

#### 1.1 Purpose

The purpose of this document is to give a detailed description of the requirements for the "College Information System" software. It will also explain system constraints, interface and interactions.

#### 1.2 Scope

The "College Information System" is a web based application which is an ERP system for colleges to manage their daily activities which includes the management of employees, student, Books and library records, Parents details, Assignments, Admission Process, Results and Reports, Exams, Events, Attendance, Timetable, Fees and other Reports.



### 1.3. Definitions, Acronyms and Abbreviation

Terms	Definitions
User	Someone who interacts with the web portal
<del>Admin</del> Student	Person who enrolls for a course
ERP	Enterprise resource planning
Admin	The person who maintains the web app.

### 2. Overall Description

User classes used are:

Event Calendar: With attributes day, start Time, end Time and end Day.

Functions present are View calendar, modify, delete calendar

User: Attributes are name, password  
Functions are viewEvent, login and logout

Admin: Attribute is id, functions are AddUser, ViewUser, add timetable, AddEvents

Books: Attributes are name, id, author, functions are return issue.



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**Librarian:** Attribute is id, functions are Addbooks, Viewbooks, ViewEvents, Request Book, IssueBook, Return Issued Books

**Student:** Attribute is id, functions are viewProfile, ViewTimetable, View assignments, ViewResults, viewAttendance

**Teacher:** Attribute is id, functions are Add Assignment, Mark Attendance, Upload result

**Design and implementation constraints:**

The system will be used by four people - Admin, Teacher, Librarian, student

Admins can login using valid credentials and perform various tasks such as Adding a teacher, student or Librarian and also can view them.

Teacher can login and perform various tasks such as adding assignment, uploading result and viewing event.

Librarian can login and do tasks such as adding/removing books, <sup>issuing</sup> ~~requesting~~ a book to student, returning issued books from students.

Student can access the system by providing valid credentials and access modules such as viewing their own profile, results and assignments.