OOMP - Lab-1

18MBCS108

College Info system

1 Introduction - This section gives a scope description & overview of everything included in the SRS doc. Also, the purpose of the document is described & 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 Info System" software. It will also explain system constraints, interface & interactions.

1.2 Scope - The "College Info 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 & library records, parent details, assignment, admission process, results & reports, Exams, Events, Attendance, timetable, fees & other reports.

1.3 Definitions, acronyms & abbreviation

Terms	Definitions
User	Someone who interacts with the web portal
student	Person who enrolls for a course

Admin — The person who maintains the web app.

2. Overall Description

- Uses classes —
  → Event Calender — with attributes day, start time and time & end Day, functions present are view calendar, modify, delete calender.
  → User — Attributes are name, password functions are view Event, login & logout
  → Admin — Attribute is id, functions are Assign view User, add time table, Add events
  → Books: Attributes are name, id, author, functions are return issue.
  → Librarian — Attribute is id, functions are add view books, View Events, Request Book, Issue Book, Return Issued Books
  → Student — Attribute is id, functions are view profile, view Time Table, view assignments, view Results, view Attendance.
  → Teacher — Attribute is id, function are add mark attendance, upload result.

- Design & implementation constraints
  → The system will be used by four people and admin, teacher, librarian, Student
  → Admin can login using valid credentials & perform various tasks

such as adding a teacher, student or librarian
& also can view them

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

Librarian can login & do tasks such as adding/
removing books, issuing a book to student,
returning issued books from student.

Student can access the system by providing
valid credentials & access modules such as
viewing their own profile, results & assignment