

EDU - Management System

CHRIST

COLLEGE OF ENGINEERING & TECHNOLOGY

About Christ College

Christ College of Engineering & Technology provide quality education to young technocrats in the areas of Engineering matching the global standards.

With 6 Under Graduate Courses and Post Graduate Courses, the College offers various Scholarships, Transport and outstanding Infrastructure facilities to the Students. They were in need for a Campus Management System to monitor and record all the activities taking place in the premises.

Requirements

Recording the facilities of infrastructure, transportation, library, hostels, Employee and Student records, was a challenge to track and map them all at the same time. Salary and attendance reports were to be generated with an effective biometric Access system.



Why Pappaya?

Every school management had to have ties with the likes of EDT for timetables, SAP for accounting and Open Apply for admission and so on. The user is compelled to multiple logins, higher costs leading to very high maintenance.

With Pappaya Ed, all the modules are integrated within one application. Accessibility became easier like never before. Integration with new technologies is easier than ever, customisability is done according to the needs of the customer through regular iterative improvements and keeping in mind future developments.

The Challenge

The Right combination of software systems was tricky to select and develop them. A proper customisable system was to be set to provide room for future updates as well. Configuring the Biometric system to the existing Attendance management system was difficult to integrate with.

Our Aim

Easy report generation in Salary and Attendance modules of Pappaya. Integration with Multi-Biometric Time Attendance & Access Management Systems.

Technologies involved

System requirements – 8GB RAM
OS – Ubuntu
Databases used – Postgres, SQL
Language – Python
Integrated Development Platform – Geany, Eclipse Neon 3, Aptana
Connectivity – BLE 4.0
VOIP – 3 rd Party SDK
Communication – TCP/IP
Wi-Fi - 3G

Industry

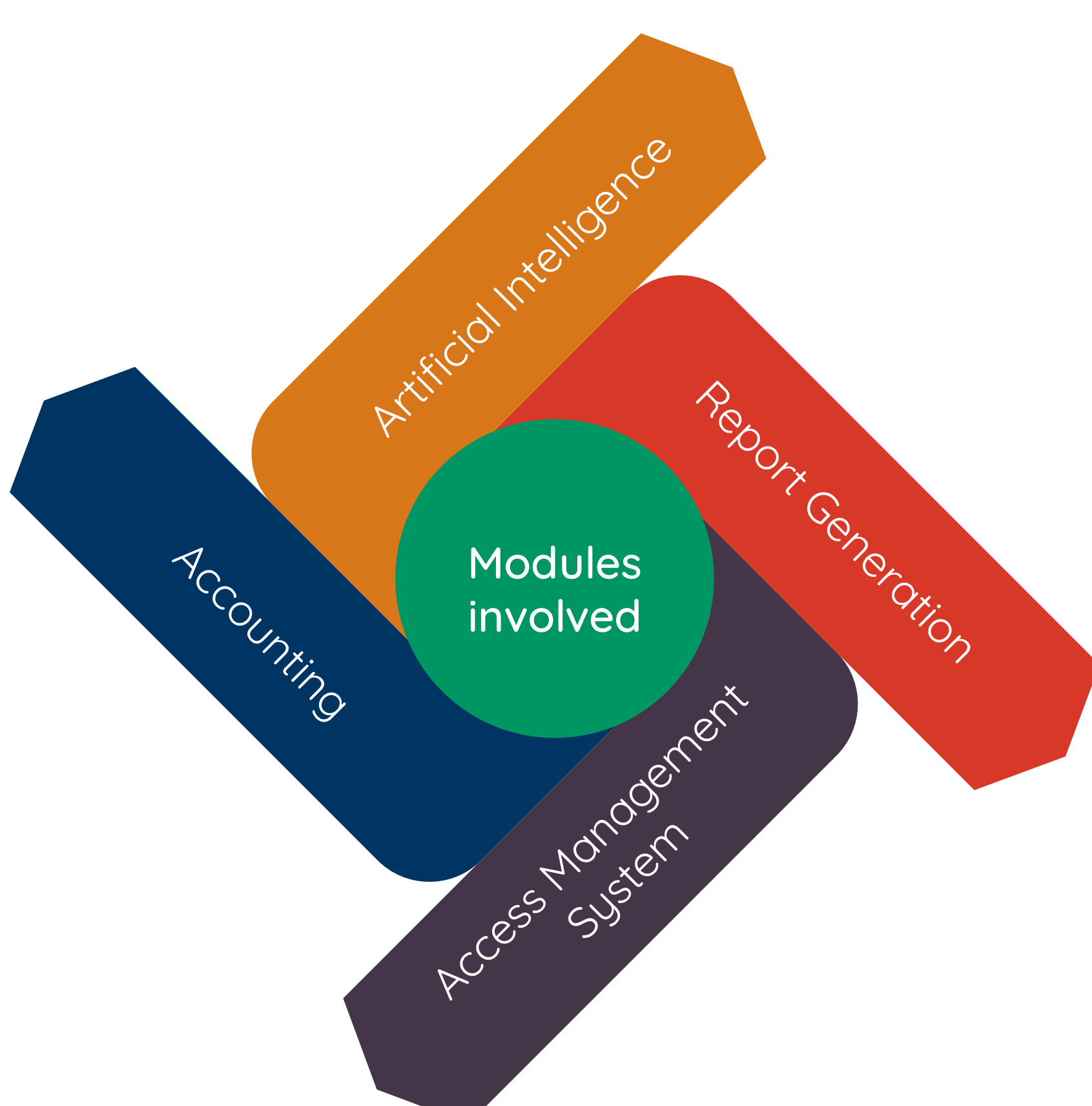
IT Software

Additional Services

Biometric system Integration
Leave and Salary Report Generation.

Manages

Transport
Hostel
Library
Calendar
Dashboard Access



Result

The PappayaEd software application established itself as a robust and highly accountable management system