



Introduction

In the academic institutions, due to the vast number of students, faculties and staff, it becomes very cumbersome and bruising to keep track of records regardless of the user type; that is, a student, faculty or staff. This project is for higher education academic institutions and aims to solve some problems that other management systems have not taken into considerations.

Problem Statement

- Complexity:** Most current systems are very complicated, which can be very useful because it gives customizability; however, it is very time consuming to learn how the system is developed and works to make it work for an institution. This makes it difficult to change the system because it requires prior knowledge.
- Primary Features:** Available products in the market currently offer many features but the vital business functions do not exist including but not limited to *professor overview* for students and *students' performance review* by professors.
- Cost:** Complex products require continuous support to meet the agreed availability and capacity requirements. This leads to be very expensive, which is due to their complexities. Most academic institutions back off from the support, which leads to performance issues.

Solution

- Functionality:** SmartCollege is a product and service to effectively and efficiently overcome almost all academic challenges. It is designed to be easy, simple, scalable, available, and customizable. It does all the core functions expected from a management system for academic institutions and it does them efficiently while it adds extra features to make the solution stand alone among its competitors.
- Design:** The UI and UX deliver the solution simply yet effective. The purpose of SmartCollege is to do all the complex tasks simply with rooms for improvements and adding new features without breaking the system.
- Modularity:** This makes SmartCollege even smarter and simpler. It allows any IT team or developers to improve the system without spending too much time on understanding the code.

Simple. Powerful.

Features

The following are the four main sections of SmartCollege with their features.

Staff

- Students Management
- Records Management
- Academics Management
- Announcements
- Faculty Management
- Student Progress Reports
- Attendance
- Profile Management
- Auto Registration
- Social Plugins

Faculty

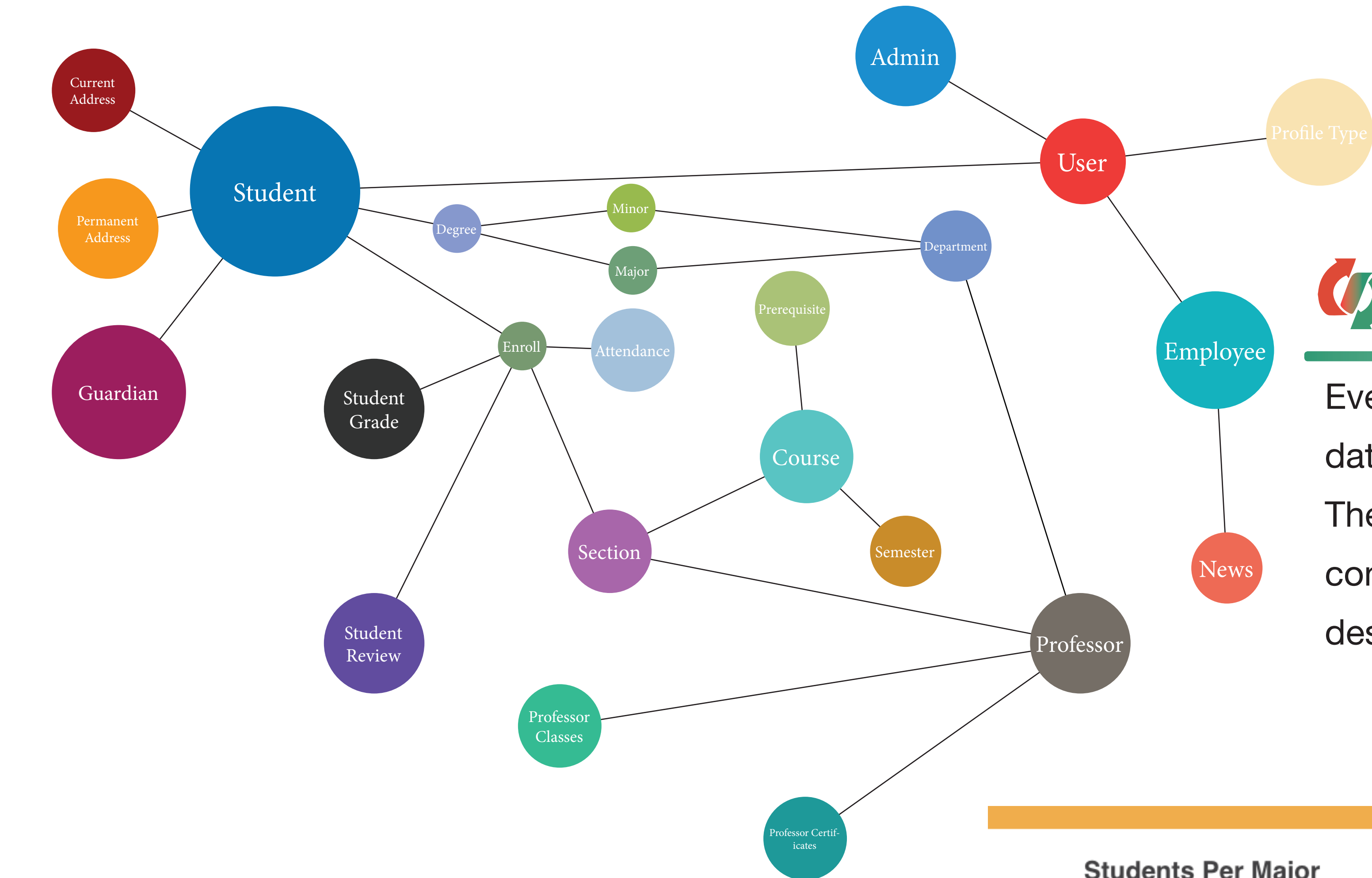
- Grading System
- Student Records
- Course Management
- Announcements
- Profile Management
- Evaluation System
- Attendance System
- Profile Management
- Social Plugins

Student

- Transcript
- Performance Review
- Attendance Review
- Announcements
- Profile Management
- Attendance System
- Profile Management
- Social Plugins

Admin

- User Management
- Color Management
- Plugin Management



Database

Every circle represents a table in the database used to manage SmartCollege. The lines between the circles represent connections between the tables. It is designed to be flexible and easy.

Technology



Reference

Project by: Tebeen Muhamad Raouf
Supervised by: Dr. Atheer Matroud
Class of 2016

Modular. Customizable.

Admin Dashboard

Dashboard

Image

Login Background Image

Choose File No file chosen

Website Colors

Block Background Color

dd4b39

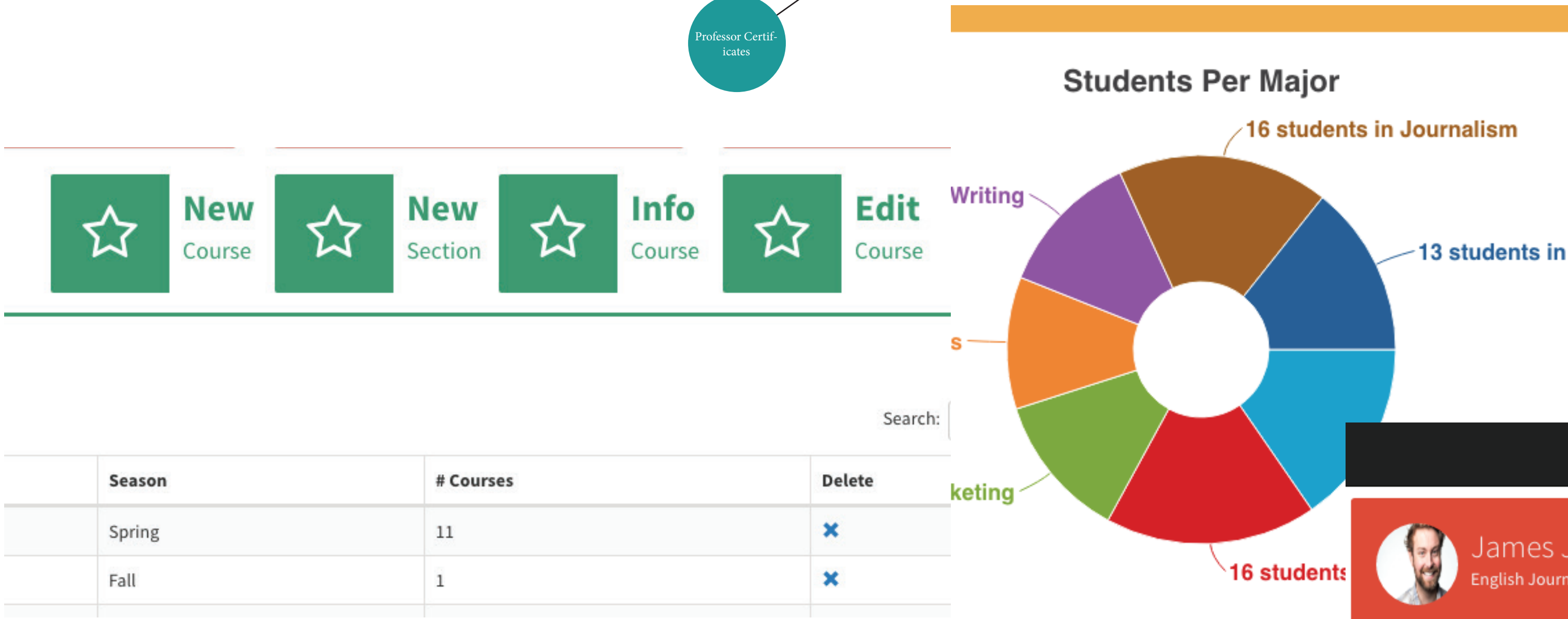
Button Background

dd4b39

Box Border Color

3d9970

Social Media



Season	# Courses	Delete
Spring	11	✕
Fall	1	✕

IT Manager

"Life couldn't be more awesome"

Dashboard

News

Students

Faculty

Academics

Reports

Students

[Dashboard](#) / [Students](#) / [Change Student Details](#)

All Students

More info

View Student record

More info

Student ID

Eve Axell Ferri

Information Technology

James J Jim

English Journalism

Male

loren@mail.com

07707672323

22/02/2013

Office L4Y 9R22

Background

>Lorem ipsum dolor sit amet, labore et dolore magna aliquam laboris nisi ut aliquip ex ea commodo voluptate velit esse cillum de non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Past Classes

ITE202 @ AUIS ITE203 @

Certifications

PhD @ City University of New York Master of Computer Science

Current Classes

Code	Semester	Section	Meeting Info
ENG 101	Spring 2020	1	Sun,Tue,Thu 08:00 AM - 10:00 AM
ENG 102	Spring 2020	2	Sun,Tue,Thu 09:15 AM - 11:15 AM

Previous Given Classes

Code	Semester	Section	Meeting Info
ENG 101	Fall 2016	1	Sun Mon Wed Thu 10:45 AM - 12:45 PM