



### CourseCorrect (Team 10)

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## Description & Purpose

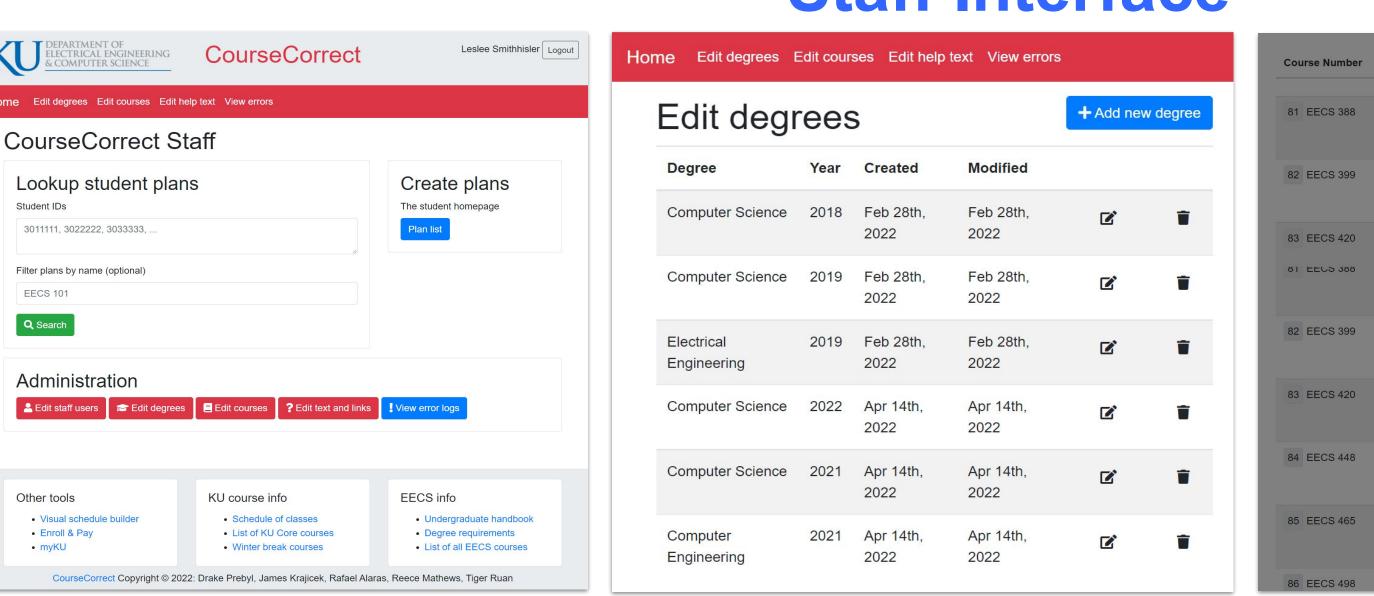
CourseCorrect is an improved graduation planner for the University of Kansas EECS Department

Our project aims to extend the functionality of the staff interface, modernize both the staff and student UI, and add additional features suggested by both EECS Department staff and students.

The most notable improvements over the original include:

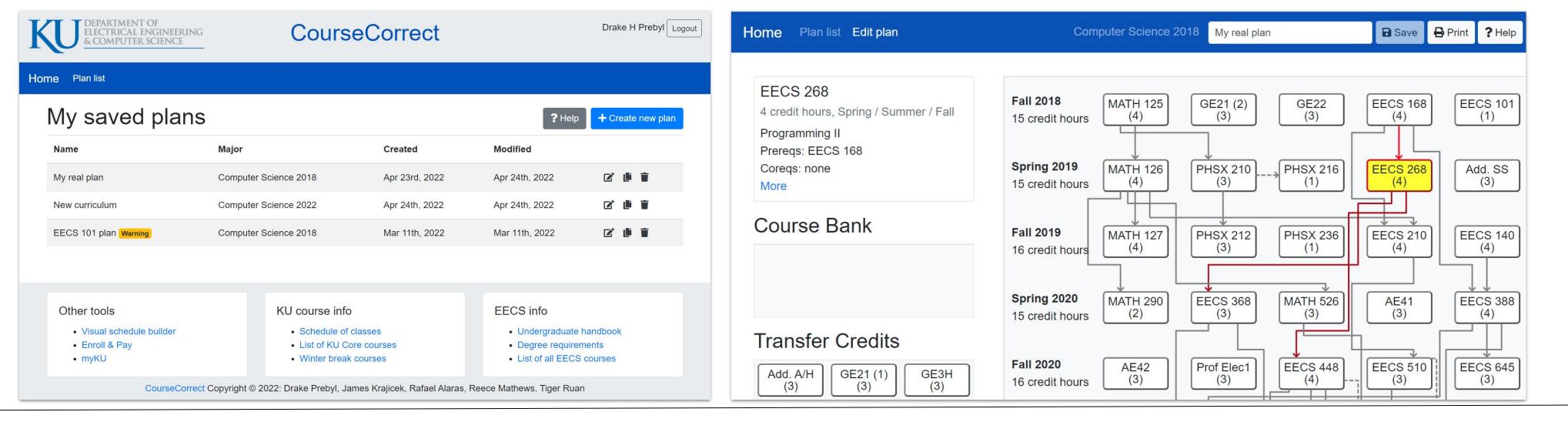
- → Staff interface for editing degree versions without code changes.
- → Visual prerequisite flowchart and more useful info for students.
- → Quality of life, such as print formatting, notes, and a modern UI.

#### **Staff Interface**



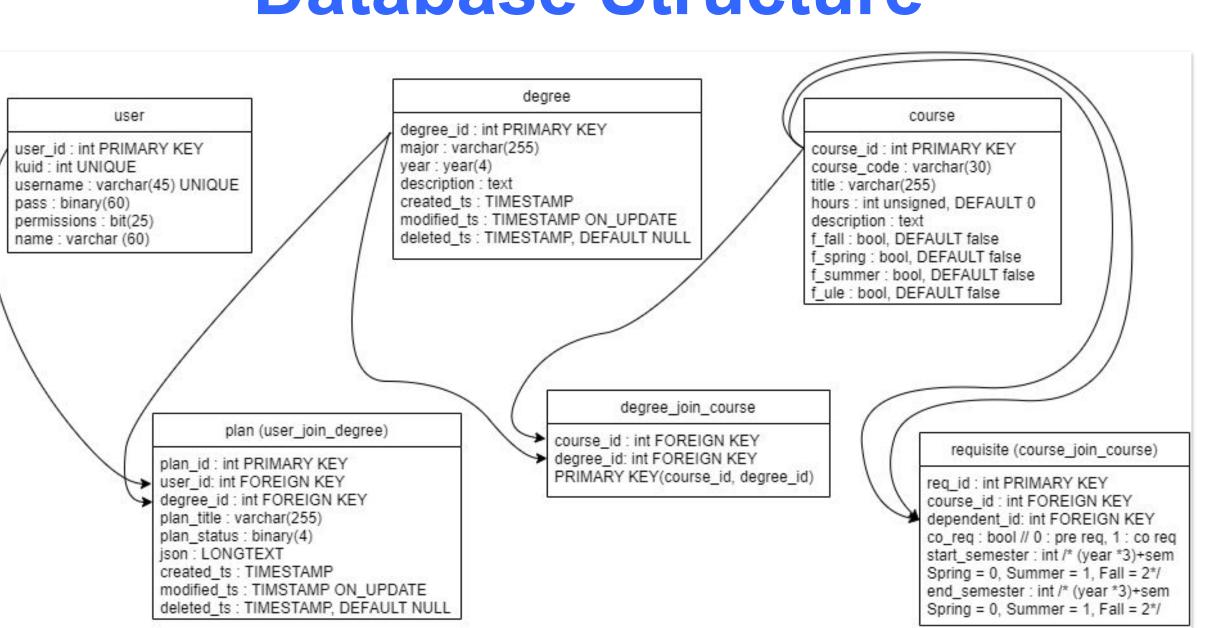
# Edit Course Edit Course Vumber Edit Course Code Course ID 84 EECS 448 EECS 448 EECS 420 Title Software Engineering I Description This course is an introduction to software engineering, and it covers the systematic development of software products. It outlines the scope of software engineering, including life-cycle models, software products. It outlines the scope of software engineering, including life-cycle models, software process, learns, tools, testing, planning, and estimating. It concentrates on requirements, analysis, design, implementation, and maintenance of software products. The laboratory covers CASE tools, configuration control tools, UML diagrams, integrated development environments, and project specific Credit Hours ULE Setting Semesters 4 Unaffected \* Spring Summer Fall 83 EECS 420 Fall Unaffected \* None \* None \* None \* None \* Hadd requisite Cancel Save Changes 86 EECS 498 Honors Research Arranged to allow students to satisty

#### **Student Interface**

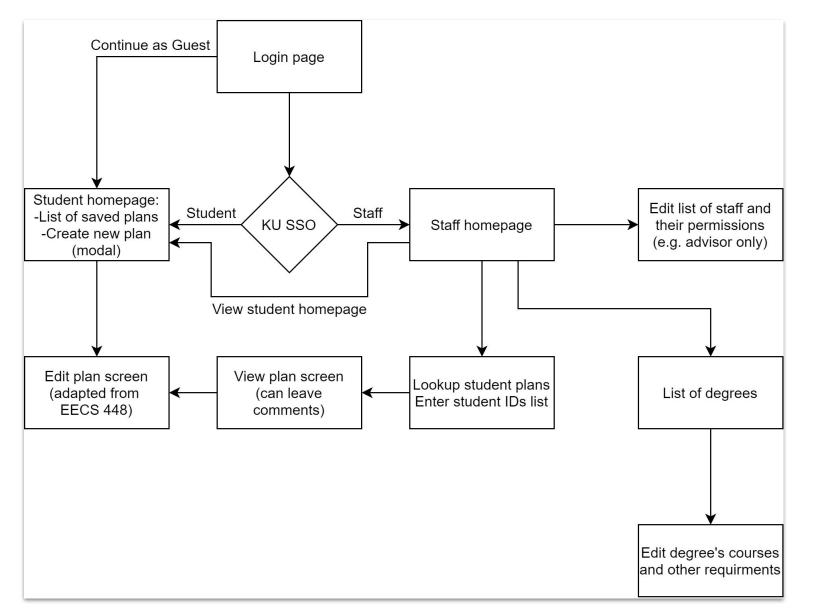


# Design

#### **Database Structure**



#### Page Flow



# MJ5QL<sub>®</sub>





# Ethical & Intellectual Property Issues

#### ACM 1.6 - Respect Privacy & 1.7 - Honor Confidentiality

We limit the amount of personal and confidential information that CourseCorrect stores about a user to their KU ID, and we do not store KU passwords. We use parameterized queries via the PHP Data Objects Interface to guard against SQL injection attacks.

#### ACM 1.2 - Avoid Harm & Intellectual Property

CourseCorrect is designed to be a replacement for the current graduation planner which was designed by a student many years ago. We did not copy any code from the original application since we do not own it or the rights to their code; however, our project builds on a project from an earlier class which we have cited.