

Caleb Acree

9/20/2024

Honor's Thesis Proposal

Dr. Sadenwasser

Automatic Treatment of Catalog Information

Students and faculty at institutions and colleges, such as ours, rely on the course catalog to plan degree paths and obtain general information about course offerings. Unfortunately, the AU course catalog is often slow, unresponsive, and not user-friendly. Additionally, it sometimes fails to display information correctly. These challenges frequently lead to frustration as students and faculty struggle navigating the catalog and finding the necessary information.

To address these issues, this proposal is based on developing a program that collects course catalog data from both the PDF version and the online version of the catalog. After comparing the two sources of the information, the program will then utilize the collected data to create an alternative interface or another method for navigating the catalog. The aim is to design a more user-friendly and easily navigable tool for faculty and students to access and interact with the course information they require, such as course pre-requisites, credit hours, descriptions, and titles/codes.

This project will focus on creating an intuitive and efficient program that enhances the user experience. By providing a streamlined and reliable alternative to the current catalog, this will ensure that students and faculty have quick and easy access to the necessary information for planning their academic journeys. Such a solution will not only save time but also reduce frustration, ultimately contributing to a more effective and enjoyable educational environment.