

PROJECT PROPOSAL COVER SHEET AND APPROVAL FORM

The purpose of this form is for the panel and the relevant academic department to indicate support of the proposed project. When your project proposal is complete to the satisfaction of all members of your thesis panel, secure their signatures and then submit the prospectus and this cover sheet to the HP director for the final signature. **All information and signatures are required.**

A. THESIS INFORMATION

Thesis Writer's Name: _____

Major Department(s): _____

Thesis Title or Topic: _____

Thesis Adviser: _____ Department: _____

B. Include your project proposal (400 or fewer words) on an attached sheet.

C. Approval of Project Proposal:

Adviser: _____

SIGNATURE DATE

In-field reader: _____

NAME SIGNATURE DATE

HP Representative: _____

NAME SIGNATURE DATE

HP Director: _____

NAME SIGNATURE DATE

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.