Project Report

Contents:

Overview

This small program interacts with a mongodb database with the intended purpose to keep track of a document store. Users can search for articles, search for authors, list top venues, and add articles of their own.

User Guide

Start the program by entering a port to connect to the mongodb database. Then follow the on screen instructions.

Software Design
Functional design approach. Main controlling function, smaller functions with helper functions.

Testing Strategy
Acting as a user trying to break the program, ie: giving bad inputs to catch edge cases.

Source Code Quality

It is of quality:
Variables and functions use the snake_case naming convention
Functional design approach was used to keep things simple and readable
All variables have descriptive names and are not vague
Comments give further reasoning and explanation to code chunks
All variables are referenced and used, no hanging variables

<p align="center">Group work Strategy:</p>

Project Break Down:

    Phase 1:
    Set up skeleton code: Kyle (2hrs)
    Bug Fixes: Adam (1hr)

    Phase 2:
    Search for articles: Adam (5hrs)
    Search for authors: Kyle (3hrs)
    List the Venues: Kyle (6hrs)
    Add an article: Adam (3hrs)