Design Document

This assignment is done by a team of two people.

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Bibauthor Design:

Purpose: The application prints a list of publication records for each publication by an author with a name that is given by the user.

Usage: ./bibauthor (author\_name)

Language used: embedded SQL in C.

Program Logic:

Step 1: the program takes the command line argument that is provided by the user

Step 2: uses that input as author name and use SQL to return a list of publications.

2.1) do query on proceedings publication, return the proceedings that is written by the specified author sorted by aorder and publication year

2.2) do query on journal publication, return the journals that is written by the specified author sorted by aorder and publication year

2.3) do query on book publication, return the journals that is written by the specified author sorted by aorder and publication year

2.4) do query on article publication, return the journals that is written by the specified author sorted by aorder and publication year

Step 3: uses cursors to pass values to C variables and print them out.