CS 5500 Course Project
Phase IV (Assigned: March 28, Due: April 17 23:59pm)

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In Phase IV of the project, you will enhance your system in one or more of the ways discussed below. This list of possible enhancements is not exclusive: ask your instructor if you have other ideas for improving the functionality of your system that you would like to pursue.

Enhancements
1. *Additional Data Sources.* The previous version of your implementation involved the use of publication data from DBLP. You may enhance your system to use data from additional sources (e.g., csrankings.org has information about the university that authors are affiliated with), and/or the program committee information that was previously made available to you.
2. *Interactive PC Selection*. The previous requirements involved the construction of features for identifying suitable candidates for program committees and suggesting them to program chairs. You may enhance your system with features that will let a program chair interactively *construct* a program committee, e.g. through a drag-and-drop style interface.
3. *Web-Based UI*. Previously, you were required to implement your UI in Java. In this version, you may implement a web-based UI in addition to your Java-based UI (in order words, your Java-based UI must remain in working condition).

Refactoring, Design Patterns, and Testing

In this final stage of the course project, you'll be adapting your system in response to new requirements. It is expected that you'll need to refactor your code and apply design patterns in order to accommodate the new functionality. As part of the deliverables, you are required to provide a summary of major refactorings applied and design patterns used. You are also required to update/extend your test suite so that it covers all new functionality.

Responding to Reported Issues.
As part of Homework 4, other students will be testing your system and file issues in your GitHub repository. You are required to respond to reported issues within one working day.

Deliverables

Deliverables for Phase IV consist of:
- The implementation of your system, including your test suite.
- Detailed installation instructions and documentation.

- A final report that includes: description of system functionality, summary of changes since phase III including refactorings applied and design patterns used (<= 5 pages PDF)
- Responses to reported issues (in GitHub).

These deliverables (except for responses in GitHub) should be committed in a subdirectory "phase4" of your team repository.