

Project: Open Review Conference Management Software
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Faculty Sponsor: Dr. Silaghi
Client: Dr. Silaghi and Open Conference hosts such as IEEE
Meeting Dates with Client: **add meeting time here**

Goal and Motivation: The overall goal of this proposed project is to establish a database system and portal (most likely a web portal) so that academics may submit their articles for peer revision under single blind, double blind, or no blind before a conference. The documents will be submitted to the database through the portal and split up based on their review type and distributed to the reviewers. It will also auto generate the conference proceedings, or order in which papers are to be presented. The motivation behind this project is that there currently exists no system such as this for conference management, thus constructing a system such as this will greatly increase the efficiency of a process that is currently being done manually by individuals prior to the conference taking place.

Approach: construct a web portal for reviewers and paper applicants to send their papers into. The program must inform reviewers of a paper bidding session, in which reviewers will be able to vote on which papers they wish to review through the portal. After paper bidding is completed the papers will be distributed to reviewers following the single, double, and no blind restrictions. After reviews are completed said reviews should be submitted to the database and the convention schedule should be autonomously generated.

Novel features/functionalities: A bidding system to allow papers/convention spots to be bid on and won. A review system that assigns reviewers to submitted papers reviews. A feature that allows for open communication between the reviewer(s) and the author of the paper. A tracking system that allows the author to know where their paper is at during the review process. A streamlined system that allows for easy submission of papers. A system that automatically creates a schedule for the convention.

Technical challenges: Web portal creation will be challenging since we have limited experience with creating interactive web pages using javascript or other languages. Creating a database and or cluster to manage incoming data flow.

Milestone 1:

1. Compare and select technical tools for A,B,C
2. Provide small demos for A,B,C
3. Resolve technical challenges
4. Compare and select documentation, presentation, and task calendar tools

5. Generate a Requirements Document
6. Create a Design Document
7. Create a Test plan

Milestone 2:

1. Implement, test, and demo feature
2. Implement, test, and demo feature

Milestone 3:

1. Implement, test, and demo feature
2. Implement, test, and demo feature

Task matrix:

Task	Ian Swire	Charles Taaffe

- "I have discussed with the team and approve this project plan. I will evaluate the progress and assign a grade for each of the three milestones."
- Signature: _____ Date: _____