



# ORCMS (Open Review Conference Management System)

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## General Information

Client: Dr. Silaghi and any conference hosting groups such as IEEE

Faculty Sponsor: Dr. Silaghi



# Goals & motivation

## Goals

- Develop a web portal to manage document submission and segregation
- Generate conference proceedings
- Perform autonomous paper bidding

## Motivation

- No longer have to perform paper bidding and review distribution manually



# Approach

- Web page based on Javascript or another strongly typed language that accepts document files
- Informs reviewers of a paper bidding session
- Allows papers to be bid on through the portal
- Generates the order in which papers are presented at the conference



# Novel Features

- Paper tracking system so that the author may know how far along it is in the review and bidding processes
- A schedule generator program to create the conference schedule based on the number of paper bids compared to other papers
- A paper bidding system done via a web page
- And online paper review through single, double or no blind means



# Technical Challenges

1. Lack of knowledge in web based development languages such as javascript
2. Creating a database system or cluster to manage incoming data flow
3. Undoubtedly more to come that we are currently unaware of



# Milestone 1

1. Compare web development coding languages such as javascript vs typescript
2. Provide small demos on how the site is supposed to look
3. Resolve the technical challenge of not knowing a web based language
4. Compare and select team management tools
5. Generate requirements document
6. Create design document
7. Create test plan



## Milestone 2

1. Implement, test, and demo initial web page
2. Implement, test, and demo paper submission





## Milestone 3

1. Implement, test, and demo paper bidding system
2. Implement, test, and demo conference schedule creation

Questions?

