TBP Software Systems Inc. 4202 E Fowler Ave, Tampa, FL 33620	Software Requirements Specification (CPMS)
Organization Requesting Service Consortium for Computing Sciences in Colleges Midwest Region (CCSCMW)	Date 2021-06-17
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Functional Requirements

Category	Priority	The system shall permit a(n) paper author to…
Mandatory	1	be able to register to submit papers
Mandatory	1	be able to submit papers
Mandatory	2	be able to modify his/her own author info

Category	Priority	The system shall permit a(n) paper reviewers to…
Mandatory	1	be able to register to review papers
Mandatory	1	be able to review papers
Mandatory	2	be able to modify his/her own reviewer info

Category	Priority	The system shall permit a(n) administrator to…
Mandatory	1	be able to match papers with reviewers
Mandatory	1	be able to print the paper reviews summary report
Mandatory	2	be able to view paper reviews summary report, the authors report, the reviewers report, and the reviewer's comments report
Mandatory	2	be able to print the authors report, the reviewers report, and the reviewer's comments report
Optional	1	be able to maintain (add, modify, & delete) authors, papers, reviewers, and reviews

Non-Functional Requirements

Category	Priority	
Mandatory	1	Availability: The system should be available 24/7.
Mandatory	2	Availability: The system should turn off the accept papers function after the deadline for submitting papers.
Mandatory	2	Availability: The system should turn off the accept reviews function after the deadline for submitting reviews.
Mandatory	1	Compatibility: The system must work with the CPMS existing server platform
Mandatory	1	Compatibility: The system must work major browsers like Edge, Firefox, Chrome, Safari, and Opera
Mandatory	1	Robustness: The system should have input validation on forms like names and emails
Mandatory	1	Security: The system should require login credentials for access.
Mandatory	1	Usability: The system should be intuitive and easy to use.

Constraints (Operational and/or Technical)

Technical: The CPMS system must run on CCSCMW's existing server.
Technical: It should use CCSCMW's existing database management system.

Standards

The CPMS must be developed using our standard programming languages.
The CPMS must follow the coding and quality standards established by our software development organization.
The CPMS must follow the de facto user-interface design standards associated with modern software systems.