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| Software Organization  Address  City, State Zip Code | Software Requirements Specification  (CPMS) |
| Organization Requesting Service  Consortium for Computing Sciences in Colleges (CCSC) | Date  06/17/2022 |
| Preparer  Name: Ayawavi Touglo  Title: Systems Analyst  Phone: (813) 616-0380  Email: tania8@usf.edu | Key Point of Contact  Name: Dr. Steve Smith  Title: Papers Chair  Phone:  Email: |
| Functional Requirements   |  |  |  | | --- | --- | --- | | Category | Priority | The system shall permit a papers chair to… | | Mandatory | 1 | Login | | Mandatory | 1 | Automate reviewer registration process | | Mandatory | 1 | Automate author registration process | | Mandatory | 1 | Automate the matching of reviewer to paper process | | Mandatory | 1 | Automate Paper distribution process | | Mandatory | 1 | Automate paper scoring process | | Mandatory | 1 | Automate the report generation process | | Mandatory | 1 | Validate correct match of reviewer/paper | | Mandatory | 1 | Automate paper submission process | | Mandatory | 1 | Automate the compilation of paper scores summary report, authors report, reviewers report and comments | | Mandatory | 2 | Send deadline reminders alerts | | Category | Priority | The system shall permit an author to… | | Mandatory | 1 | Register | | Mandatory | 1 | Login | | Mandatory | 1 | Submit papers | | Mandatory | 2 | Modify contact information | | Mandatory | 1 | Allow to retrieve forgotten password | | Category | Priority | The system shall permit a reviewer to… | | Mandatory | 1 | Register | | Mandatory | 1 | Login | | Mandatory | 2 | Modify contact information | | Mandatory | 1 | Review papers | | Mandatory | 1 | Submit completed reviews | | Mandatory | 1 | Allow to retrieve forgotten password | | |
| Non-Functional Requirements   |  |  |  | | --- | --- | --- | | Category | Priority |  | | Mandatory | 1 | Availability: The system shall be available 24/7 for test | | Mandatory | 1 | Compatibility: The system shall be compatible with CCSCMW’s existing server platforms and with all Internet Browser | | Mandatory | 1 | Robustness: The system shall not permit user to input bad data | | Mandatory | 1 | Security: The system shall require login credentials for access | | Mandatory | 1 | Usability: The system shall be intuitive and easy to use | | Mandatory | 2 | Accessibility: The system shall be fully usable by those with poor hearing | | Mandatory | 1 | Accessibility: The system shall be fully usable by those with poor vision | | |
| Constraints (Operational and/or Technical)  Technical: The CPMS system must run on CCSCMW’s existing servers and use 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* | |