**Data Miners**

**Database Management**

**Fall 2017**

**Functional Requirements**

F1. The system shall only accept the abstract in a word file document.

F2. The system shall not allow a rejected abstract to be submitted again.

F3. The system shall not allow the students to delete of submissions.

F4. The system shall allow the mentors to view their student’s entries.

F5. The system shall record the administrator’s name, email, institution, and phone number.

F6. The system shall keep all reviews anonymous.

F7. The system shall keep record of students' names, emails, classifications, institutions, genders, ethnicities, and majors.

F8. The system shall keep record of mentors' and reviewers' name, email, gender, institution, title, and ethnicity.

F9. The system shall allow the administrator to set up deadlines for the reviewers and students submissions.

F10. The system shall notify administrator of new updates.

F11. The system shall allow the student to edit their submission and resubmit if their abstract is not rejected.

F12. The system shall manage which mentors are supposed to review which submissions.

F13.  The system shall generate reports for the administrator based on completion and status of the abstracts.

F14. The system shall retain information from year to year in order to enable the administrator to contact the previous participants of new call for papers and other events.

F15. The system shall also house a review system for the posters in PowerPoint

**Non-Functional Requirements**

N1. The system shall display CAHSI logo and colors in the interface.

N2. The system shall provide separate interfaces for each type of user

N3. The system shall be semi-reactive (able to resize)

N4. The system shall be subjectively, aesthetically pleasing.

N5. The system shall have color codes for the different statuses that an abstract may have.

**Assumptions**

A1. The system will only accept abstract in Word format. This will enable the program to conduct quick and easy word counting and correction mark up.

A2. The system will only accept posters in PowerPoint form. This will enable the program to conduct quick and easy correction mark up.

A3. The system shall save a copy of each entry and correction of the poster’s an abstract so that the administrator may, at her discretion see the progression of a particular submission.

A4. The system shall timestamp each submission and ensure that it is not submitted after the time it is due.

A5. The system shall maintain email addresses as unique identifiers throughout the database.