**Abstract Review System (CAHSI)**

**Database Name:**

f17cs4342team 03

**Team Name:**

Data Miners

**Team Members:**

Joseph Gutierrez

Stephanie Loya

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**Abstract Review System Scope**

HENNAC conference planning, abstract reviews, poster competition, work with different

institutions. It need to be able to review folders that match with students and gives them

feedback about their work. The submissions must be in word or another editable format. Edits

can be made in word or in the web browser.

Sequence of completion:

* Submission of work
* Review by mentor
* Feed back to the student
* Edits or corrections to the work
* Should be updated by student
* Sent back for review
* Approve

The abstract can be resubmitted only if it was not rejected. It should be able to notify

the reviewer that changes or corrections were made. It should show the deadline.

Students are going to be submitting their abstracts from more than 15 institutions.

Students are undergraduate from CS, EE, or Math. There are 2 levels of competition, graduate,

and undergraduate.

It should store, last name, first name, major, and classification. Title of the abstract,

mentor/mentors, institution, keep track of mentor email, ethnicity, gender, and student email.

It also needs to be able to see how many abstracts have being summited, CAHSI colors,

and logo must be present. Students can submit, view, and update the abstract but they cannot

delete it. It must keep information from previous years.

Review

Statuses:

• Approved – Ready for submission

• Approved- with Corrections

• Not Approved – Major Corrections (Can still submit)

• Rejected (Cannot Submit again)

Must be time sensitive. Posters are in editable form, (PowerPoint)

Keep track of where the submission came (to make sure it’s a CHASI school)

* Majors
* Name
* Classification
* Title of abstract
* Who Is mentor(s) (Notify)
* Mentor email
* Ethnicity
* Gender
* Institution
* Student email

**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**

F1. The system shall display CAHSI logo and colors in the interface.

F2. The system shall provide separate interfaces for each type of user

F3. The system shall be semi-reactive (able to resize)

F4. The system shall be subjectively, aesthetically pleasing.

F5. 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.

**E/R Diagram**

