.Requirements Document

**Faculty Research**

**Database**

ISTE 330.01

Team 14

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Introduction

Within this project, we will be displaying three users, (Student, Faculty, and Public), who will have access to the front end of the database created by the faculty to keep track of their research projects and to see who is working on what project. The database created must be as user friendly as possible because those who are not able to see or involved with the research projects, some students and most to all public users, should be able to view them. While Faculty are able to edit and/or create research projects. Created within a browser-based system or desktop-based system we will be developing our system with PHP developer code and CSS. Each user will have a different level of access to the database.

Personas

Faculty

Bio: A professor looking through the database to find students to hire for the research that he is doing at the university.

Goals:

* Find students and get their contact details to contact them regarding a research opportunity or something related to their course.
* Update records regarding the students participation in research or update their own record.

Bio: A professor wants to find another faculty member in a similar field to collaborate with in their research at the university.

Goals:

* Find other faculty members of similar interest areas and subjects.
* Enroll themselves in any projects open to them.

Student

Bio: A 3rd year student looking for a faculty member to collaborate with in a subject related to her major.

Goals:

* Find professors with projects that are related to her major or fields of interest.
* See a description of these and any other professor’s projects or research.
* Enroll themselves in any projects open to them.

Public

Bio: A prospective high school student looking through faculties and students in the area of field that they are interested to study.

Goals:

* Find professors who teach their courses of interest related to their major.
* Check out the description of the research work the faculties and students are involved in their major.

What we need

We need to create an interface that allows faculty members, students and public to access the database and retrieve information that they need. We need to set up an authentication process to classify who is accessing the database and put in limitations to how much a user can access. Faculty should be given unlimited access like providing them with a option to update a record and the rest should have some restrictions applied.

Extra Features

Modern UI

Web-based implementation

Professors and Students can make projects, but the public cannot

Personalized view for each of our personas

Only Students, and Faculty are in the DB. Public posts anonymously

Conclusion

In conclusion, we will work tirelessly around the clock to create a modern, functional product that fulfills every one of our users needs. Our product will provide an unique, efficient, and easy to use system that enables students, faculty, and the public to share information and research in new and exciting ways!