

Analysis of the project prepared for the library

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Abstract

In the article, the analysis and use of the project prepared for the library, the correct placement and deletion of the books in the database were studied. This project aims to solve the confusion in the system and ensure the convenience of both the students and the university. The main users of the system will be students, but admin and employees will also be needed to manage the site. Authorized employees will manage the information of the books in the system, ensure the delivery and delivery of books to the students. They will be able to add and delete new books. Admin will review, approve or reject requests and forward only approved requests to library staff. The system will be developed using appropriate programming languages and tools, thoroughly tested and deployed on the university's servers. The advantages of the system will be increased security, an improved system and a more complete database.

Keywords: Admin, library staff, student, permission, confirmation, reject, personal cabinet, history.

Our proposed university project is the development of an electronic system for managing the books in the library database. In the current process, the books in the university's library are given and handed over to students in writing. This process is not entirely efficient, so having an electronic system is more appropriate. There will be three main users of the electronic system: library staff, students and admin. Librarians will be able to access their personal office, which consists of two main sections: the student's information section and the books section. The books section will include a history of all books and a section to ensure that new books are taken. Students will submit requests for books they wish to take. The eligibility status of the student's information will be reviewed and a decision will be made. The decision will be visible in the student's personal cabinet. To pick up approved books, students will approach a library staff member and pick them up. The features to be included in this electronic system include the detailed information of the books in the library in the system and the search function for the required book. The system will be developed using appropriate programming languages and tools capable of handling the required functionality and will be thoroughly tested to ensure its effectiveness and usability. The development of this electronic system for the library will require a team of experienced developers who know various programming languages and tools. Some of the technologies that will be used in the development process include asp.net, html, css, javascript, bootstrap and other frameworks. The project will include the development of the electronic system as well as the testing and implementation of the system. The testing phase will be very important to ensure that the system works as intended and that all functions work properly. The implementation phase will include the deployment of the system on the university's servers and the training of security personnel and authorized persons on the rules of using the system.

One of the main advantages of this electronic system is the increased level of security it provides. But at the same time it will provide comfort for students and employees.

Advantages

1. There are no restrictions in the electronic system. That is, there is no limit to the number of books that can be included in the database and it will ensure the development of the library in the future.
2. When developing the system, ui (user interface) will be taken as the basis and a convenient interface will be created for users.
3. The future plan of the electronic system is to ensure that students can easily use the library without staff just by using the site.
4. The system will also provide convenient registration with the student card.
5. The project will require the cooperation of various departments of the university in order to be fully satisfied according to the plan.
6. The electronic system will provide detailed information about the books in the database.

7. This system will improve the university library and become a widely used platform among students.
8. Thanks to the development of this site, the university will expand the areas where it uses new technologies.
9. The site will be adapted to other systems of the university.
10. Thanks to this site, the financial costs of the university will be reduced because the staff will be reduced. In addition, the site will be used to monitor the delivery and pick-up times of books in the library, as well as to learn where they are. A project manager will be appointed to oversee the site's layout and progress, ensuring that the system is successful and fully completed. The project manager will be responsible for coordinating his team's work while monitoring progress, ensuring the project is completed on time and within budget, and providing progress updates to stakeholders. Along with the technical aspects of a project, there are also legal and regulatory considerations to consider. When developing the system, various information will be needed, so it is important to be in close contact with various departments of the university. For possible problems in the system, the group will prepare a risk plan and use various methods to eliminate them. To ensure proper implementation and acceptance of the system, the project team will develop a comprehensive training program for library staff and administrators. The training program will include both in-person training sessions and online training modules and will be designed to ensure that all users are comfortable and proficient with the system. Finally, problems that will pass through the project inspection phase will be identified and eliminated. With this, the system will regularly make improvements using a special section to receive suggestions and comments.

Conclusion

In conclusion, let us note that the proposed university project is the development of an electronic system to manage the library, as well as to ensure the delivery and purchase of books in the library. The problem that this electronic system aims to solve is the inconvenience of manual registration and placement of books given to students. This system will streamline the process and make it more efficient for all parties involved. It will also strengthen the process of seeing and tracking the whereabouts of books in a systematic way. The development of this electronic system is a complex and important project that requires careful planning and execution. The system will facilitate the management of the library and expand the educational opportunities of the students.

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