

Creation Of The Computer Engineering Department Portal

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Abstract

The redesign of the Department of Computer Engineering's website aims to more effectively communicate the opportunities the department offers to students, faculty and industry. Developed with an innovative design approach, the site provides accessibility from any device with its user-friendly interface and mobile compatibility. In addition, comprehensive information such as regularly updated content, academic programs, research projects, event announcements and faculty members' information are shared on the site. The redesigned site encourages student-faculty interaction, emphasizes the academic excellence of the cafeteria and reflects its commitment to technology, providing a strong competitive advantage.

Keywords: Computer engineering, user-friendly interface, redesign, Figma

The Department of Computer Engineering provides education to students majoring in computer engineering, computer science, information technology and information security. The most important thing here is to give students experience and prepare them to work independently, which helps them to be better prepared to succeed in this field. As part of its education, the department offers students a variety of training programs, including lectures and hands-on training, in order to train future experts in various fields of technology. Thanks to the rich educational programs of the department, students learn the basic knowledge related to their fields.

In today's world of accelerating technological developments, computer engineering departments provide students with both theoretical and practical skills, enabling them to be competitive and innovative in the world of technology. These departments undertake the mission of training future technology leaders by providing students with technology-based education and research opportunities.

The faculty members of the Department of Computer Engineering are generally experienced and specialized. They have expertise and knowledge in various disciplines to help students build a strong foundation in computer engineering and keep abreast of developments in the industry. Computer engineering department teachers teach students the basic principles of computer science, algorithmic thinking and programming skills through comprehensive educational programs.

Thus, the Department of Computer Engineering aims to increase the knowledge and skills of its students, to encourage research and development in the field of technology, to prepare them for industry, and to challenge them to think independently, solve creative problems and succeed.

These departments inspire students, especially in technological innovations and research work. The research projects that students can participate in develop their skills in finding solutions to technological problems and encourage them to create applied solutions to real-world problems. In addition, through industry collaborations and internship programs, students increase their experience in the sector and graduate better prepared for the world of work.

The Department of Computer Engineering generally engages in the following activities:

1. **Education Programs:** The department offers undergraduate, graduate, doctoral and higher education programs. These programs aim to provide students with knowledge and skills in various subjects such as computer knowledge, programming languages, networking, artificial intelligence
2. **Research and Projects:** The department conducts various scientific research and projects through its faculty members and research team. This can include various areas such as the development of new technologies and the improvement of existing technologies
3. **Collaboration:** The department may try to provide internship and job opportunities to students by collaborating with industry
4. **Seminars and Conferences:** By organizing seminars and conferences, the department provides an environment for students and academic staff to share and discuss innovations and developments in the

industry.

These events and activities help students achieve quality education and success in their field. Students can visit the computer engineering department website for more information.

Shortcomings of the current site

Important details such as teachers' academic backgrounds, areas of specialization and contact information are missing or insufficient on the current website. In addition, critical details such as classes, class schedules, hours and course contents are not clear enough. This can make it difficult for students to plan their preparation for classes and negatively affect teacher-student interaction. The website is full of outdated news and does not adequately reflect the dynamic and innovative aspects of the cafeteria. In addition, missing or outdated announcements weaken student-teacher communication and community bonding. At the same time, the current site lacks a user-friendly interface and mobile compatibility. This makes it difficult for students and faculty members to access the site from different devices and reduces site usage (Figure 1).

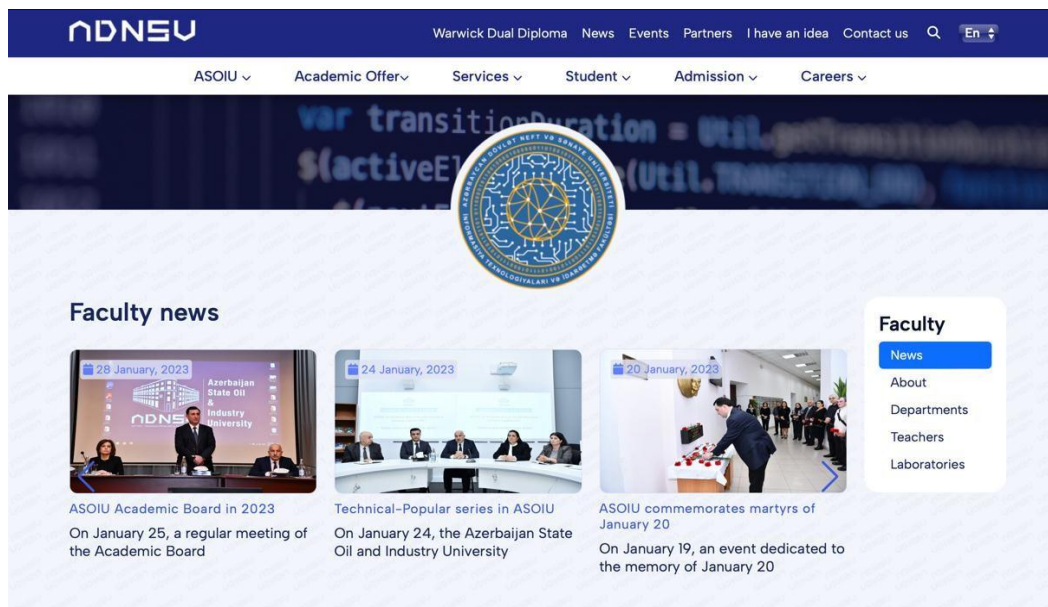


Figure 1. The current website of the department

The shortcomings of the website pose a serious problem as it does not adequately reflect the value and potential of the café to students and faculty. Addressing these shortcomings and redesigning the website could improve the academic success of the department, strengthen the community bond and increase educational efficiency.

A website that does not meet these expectations or address these concerns may weaken students' interaction and engagement with the department. Therefore, improving the department's website in these areas and responding to student expectations may increase student interest in the site and more effectively communicate the value the department offers to students.

Importance of computer engineering department portal redesign

Technology is constantly evolving and it is a contemporary necessity to follow and implement this development. In this case, many educational institutions are updating and changing their websites in order to improve the quality of education and make the experience more efficient.

Updating the websites of the Department of Computer Engineering is an important issue for students and prospective students studying in these departments. The redesigned website informs them about the latest educational programs, events, projects and faculty. This helps them to make better decisions during their

education process and take the right steps in their career path.

The redesigned website will provide students with quick access to information such as course schedules, laboratory facilities, projects and internship opportunities, thus making students' educational processes more efficient. In addition, current news, events, conferences, seminars and seminar announcements will increase the interaction between students and teachers on the website. Sharing detailed information such as faculty members' research areas and publications will also help the academic community to better understand each other.

A redesigned site can integrate with content management systems and allow department staff to easily share up-to-date information. This allows the department to quickly publish and keep up-to-date with announcements, events, research studies and other important information.

The redesign of the computer engineering department website is necessary for several important reasons:

1. **Improved User Experience:** The redesigned site allows students, teachers, and other visitors to navigate the site more easily and get the information they want faster. A user-friendly interface increases the satisfaction of site users

2. **Increased Information Accessibility:** The redesigned site provides students, prospective students, faculty and other interested parties with easier access to the latest information about the department. This allows for more effective sharing of programs, events, announcements, research projects and other important information.

3. **Adapting to Current Technologies:** The redesigned site adapts to the latest web technologies and design trends, making it modern, attractive and functional. This shows that the department follows technological innovations and creates the image of a technology-oriented educational institution.

4. **Increase Communication and Interaction:** The redesigned site enhances communication and interaction between students, faculty and other stakeholders. Tools such as contact forms, live chat features, and comment sections allow site visitors to interact with the department.

Responsive design plays an important role in the process of redesigning according to new technological trends. This increases the ability of users to access the website from different mobile devices.

The responsive design of the Department's website will bring a number of advantages for it. Responsive design makes it easier for users to access the website from different devices. From mobile devices to tablets or smartphones, the ability for users to access the site increases the accessibility of the department's website and improves the user experience.

A responsive design allows the website to automatically adapt to different screen sizes and devices. This ensures a seamless viewing experience across different platforms, from desktops to tablets and mobile devices. This makes access to the department's information equal and easy for everyone.

Conclusion

In conclusion, the Computer Engineering Department's redesigned website will further cement the department's leadership in education and technology by strengthening the department's academic excellence, community connection, and student-faculty interaction. The site will more effectively communicate the department's vision and mission and strengthen its future success. The redesigned website, with its user-friendly interface and up-to-date content, will more effectively communicate the opportunities offered by the department to students and support academic success by encouraging student-faculty interaction. If this renewal does not take place, the site may be inefficient for users, the department's reputation and competitiveness may suffer, industry relations may be weakened, and student interest may decline.

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