



***TRANSFORMING LEARNING EXPERIENCE, A PROPOSAL FOR AN
INTUITIVE UNIVERSITY STUDENT PORTAL***

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CODEit

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Executive Summary

CODEit is pleased to present this unsolicited proposal to ABC university for the development of a next-generation university portal called UniBook for ABC. UniBook aims to revolutionize the digital ecosystem of ABC by providing a user-friendly platform for both students and faculty. It will enhance the student engagement, make administrative processes simpler with an improved overall quality.

Our team at CODEit are experienced in developing cutting- edge software solutions for educational institutions. With our deep understanding of unique challenges faced by the educational institutions and our track record of implementing successful portals for various universities, we are confident in our capabilities to provide a promising solution for all the needs of the ABC university.

Unibook, our proposed solution will serve as a centralized portal for students, faculty and administration. It will offer specific kinds of interfaces for different kinds of users (student, faculty and admin). It will provide access to all the critical areas such as academic resources, attendance, grades, assignments and submissions. It will provide interfaces for both web and mobile devices, ensuring accessibility and convenience for all.

Key features UniBook will contain are:

- Academic Progress
- Academic Resources
- Exam Schedules
- Timetable for classes
- Attendance
- Financial Management
- Discussion Forums
- Personalized notifications
- Classroom groups
- Announcements

By integrating UniBook, ABC university have a chance of experiencing numerous benefits, such as improved user friendliness and user satisfaction, improved security and performance, and most importantly, the discussion forums will strengthen the community. UnBook will be customized to align with the specific needs and branding of ABC university.

CODEit is committed to working with ABC university to deliver the proposed solution that exceeds expectations. Our team will provide comprehensive training to the staff so that the transition can be smooth.

Thank you for considering CODEit as your partner in this exciting initiative. We are confident that UniBook, with its innovative features and focus on enhancing the university experience,

will transform the digital landscape of ABC and empower its students, faculty, and administrators.

Please review the detailed proposal attached herewith for a comprehensive understanding of UniBook and its potential impact on ABC.

Introduction

We are pleased to present this unsolicited proposal for the development of UniBook, an innovative and comprehensive university portal solution designed to address the specific challenges faced by ABC. This introduction serves to provide an overview of the proposal, outlining the problem statement and establishing the significance of finding a robust solution.

CODEit is a leading software house committed to delivering innovative and reliable software solutions. With a team of experienced developers and engineers, we specialize in developing customized applications that cater to the unique needs of our clients. We are dedicated to excellence in software development, using cutting-edge technologies and industry best practices to deliver high-quality solutions. Our focus on collaboration, creativity, and customer satisfaction sets us apart, allowing us to consistently exceed client expectations. At CODEit, we strive to empower businesses and organizations with transformative software solutions that drive growth, efficiency, and success.

Background and Context:

In today's digital age, universities rely heavily on efficient and user-friendly portal systems to streamline administrative processes, facilitate communication, and enhance the overall student and faculty experience. However, after careful analysis of the existing portals currently in use at ABC, namely Flex and Slate, it has become evident that there are significant challenges hindering their effectiveness and negatively impacting the university community.

Problem Statement:

The current university portals, Flex and Slate, have demonstrated several shortcomings that impede the productivity and satisfaction of students, faculty, and administrators at ABC. These challenges include:

- **Compromised performance:**
Flex and Slate often suffer from slow loading times, system crashes and unresponsive interfaces. This results in delays and frustration for students attempting to access important information. This hampers productivity among the users and creates unnecessary obstacles.
- **Limited Accessibility:**
The existing portals lack optimal accessibility features, making it difficult for users with disabilities or those accessing the portals via mobile devices to fully engage with the

platform. This diminishes inclusivity and hinders equal access to important educational resources.

- **Security Issues:**

There have been multiple security breaches with the current portals which had led to leaking of sensitive information and important data being lost. These issues not only undermine the integrity of the portals but also pose significant risks to the reputation of the university.

The significance of finding a robust solution:

Addressing these challenges is crucial for ABC to provide an enhanced digital experience for its students, faculty, and administrators. It is imperative to explore a new and comprehensive university portal solution that offers improved performance, enhanced accessibility, and strengthened security measures. By embracing an innovative and secure portal system, ABC can revolutionize its digital infrastructure, foster collaboration, and elevate the educational experience for its community.

In the subsequent sections of this proposal, we will present our proposed solution, UniBook, which is designed to overcome the limitations of the current portals and deliver a transformative university portal experience. UniBook offers a range of features and benefits that will address the identified challenges and provide an intuitive, efficient, and secure platform for all users at ABC University.

We invite you to continue reading the proposal to gain a comprehensive understanding of the challenges, the proposed solution, and the value UniBook can bring to ABC University;

In case of any further information, feel free to contact us.

Proposed Solution: UniBook

After analyzing all the current challenges faced by the ABC university, we propose a comprehensive solution that will cater all the needs and requirements of the university. We propose the development and implementation of a new portal called the UniBook.

UniBook will be a modern, user friendly and secure platform that will contain all the necessary features required. It will provide a single platform for students, faculty and administration. It will contain all the features that were there in the previous two platforms plus many additional features to make user experience more modern.

The proposed solution UniBook will show a customized dashboard so that students can view their academic status, attendance, class schedules and grades. The faculty members will have access to their students' information such as grades, attendance etc, Moreover the admin will have access to students' information such as fee details and admission.

The platform will be built on the latest technology, ensuring its scalability and flexibility. Furthermore, UniBook will incorporate high level security features such as two factor authentication and end-to-end encryption. In addition to this the platform will be designed for both web and mobile users. Thus we can see that the UniBook will be a game changer for the university.

Implementation plan

Here is the implementation plan for designing and developing UniBook.

- **Phase 1: Planning and Analysis**
In this phase we will gather requirements from the university stakeholders and conduct a feasibility study according to it. Then we will develop a system architectural design.
- **Phase 2: Development and Customization**
In this phase we will select appropriate technologies for front-end and back-end. Such as HTML, CSS, Javascript, Node.js, Express.js and PostgreSQL. After developing the platform we will present it to the stakeholders and do any customization needed.
- **Phase 3: Testing and Quality Assurance**
We will perform unit testing, integration testing and finally user acceptance testing. By these testing methods we will be checking whether our platform is running according to the user's requirements or not, this step ensures that quality is being delivered.
- **Phase 4: Deployment and Training**
Finally we will deploy UniBook to the university, the deployment will be in stages ensuring minimal disruptions. At each stage data transfer from the current running systems. Then we will provide the documentation of this software.
CODEit will also provide post-deployment support and maintenance.

Cost Estimation

Below is the attached estimated cost with each stage of the development process

• Planning and Analysis	Rs 30,000
• Development and Customization	Rs 70,000
• Testing and Quality Assurance	Rs 50,000
• Deployment	Rs 30,000
• Documentation	Rs 20,000
• Tax	Rs 20,000
TOTAL	Rs 220,000

Please note that this is only an estimation and the actual cost may vary based on specific requirements and project's complexity.

As per our current package, we will offer you free hosting for one year as well as free domain name.

Fee Schedule

If ABC university Wishes the development of UniBook by CODEit then here is the fee schedule

- 50% due upon acceptance of this proposal before work begins.
- 25% due upon delivering the completed design
- 25% due after the whole project along with the documentation has been delivered.

Conclusion

To conclude, UniBook presents an innovative and modern solution to address the current challenges, improved performance and efficiency and data faced by the university in terms of outdated and not secure student portals. By implementing UniBook, the university can achieve a multitude of benefits such as enhanced user experience, streamlined communication, improved efficiency and performance and also data security.

UniBook will be designed to empower the students and motivate them to stay updated with their academic progress. The faculty and the Admin will also be able to do their work efficiently. With its customizable interface, mobile accessibility, and integration capabilities, UniBook offers a modern and user-friendly experience that aligns with the evolving needs of the university community.

We are confident that UniBook will revolutionize the university's student portal experience, fostering a culture of efficiency, collaboration, and data security. We believe that this proposal presents a significant opportunity for the university to transform its current portal system and take a leap forward into the digital age.

We look forward to partnering with the university in implementing UniBook and working together towards a more connected, secure, and student-centric future.

Together, let us embrace UniBook as the catalyst for positive change and propel the university towards excellence in education and administrative operations.

Thank you for considering our proposal.

Terms and conditions

1. Scope of Work

The scope of work includes the development, customization, testing, deployment, and maintenance of the UniBook student portal as outlined in the proposal.

Any additional features or functionalities requested beyond the agreed scope may incur additional costs and will be subject to separate agreements.

2. Timeline and Milestone

A detailed project timeline will be mutually agreed upon, outlining key milestones and deliverables.

Both parties will work together to ensure timely completion of each phase and adherence to the agreed timeline.

Any delays caused by the university or unforeseen circumstances may require adjustments to the project schedule.

3. Intellectual Property:

All intellectual property rights, including copyrights, associated with the development and implementation of UniBook will belong to CODEit.

The university will have the right to use and access UniBook solely for its intended purpose within the university's environment

4. Payment Terms:

The cost of the project will be divided into mutually agreed-upon payment milestones, with invoices issued accordingly. Payment terms, including due dates and accepted payment methods, is specified in the fee schedule.

5. Change Requests:

Any changes or additional requirements requested by the university during the project implementation will be assessed for feasibility and may result in adjustments to the project timeline and cost. Change requests should be communicated in writing and will be subject to a separate agreement.

6. Governing Law and Jurisdiction:

These terms and conditions shall be governed by and construed in accordance with the laws of [Jurisdiction]. Any disputes arising from or related to the project shall be subject to the exclusive jurisdiction of the courts of [Jurisdiction].