Declaration

We hereby declare that the project work presented in this report entitled **"Campus Solutions",** in partial fulfillment of the requirement for the award of the degree of **Bachelor of Technology in Computer Science & Engineering**, submitted to Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh , Lucknow is based on our own work carried out at Department of Computer Science & Engineering, G.L. Bajaj Institute of Technology & Management, Greater Noida. The work contained in the report is true and original to the best of our knowledge and project work reported in this report has not been submitted by us for award of any other degree or diploma.

Signature:

Name: Abhinav Tiwari

Roll No: 2101920100008

Signature:

Name: Abhiuday Raj

Roll No: 2101920100013

Date:

Place: Greater Noida

Certificate

This is to certify that the Project report entitled **"Campus Solutions" done by Abhinav Tiwari(2101920100008), Abhiuday Raj(2101920100013),**is an original work carried out by them in Department of Computer Science & Engineering, G.L. Bajaj Institute of Technology & Management, Greater Noida under my guidance. The matter embodied in this project work has not been submitted earlier for the award of any degree or diploma to the best of my knowledge and belief.

Date:

Dr. Payal Garg   **Dr. Sansar Singh Chauhan**
Signature of the Supervisor   **Head of the Department**

Acknowledgement

The merciful guidance bestowed to us by the almighty made us stick out this project to a successful end. We humbly pray with sincere heart for his guidance to continue forever.

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Abstract

The rapid advancement of technology has significantly transformed various sectors, and education is no exception. Traditional academic management systems, which often rely on manual methods for tasks such as attendance tracking, assignment submission, resource sharing, and communication, have become increasingly inefficient and outdated. To address these challenges, the "Campus Solutions" web application is developed as an integrated platform that streamlines key academic functions, improving efficiency and user experience for both students and faculty.

This project aims to provide a centralized, user-friendly system that automates essential academic workflows, including attendance management, assignment tracking, communication between students and faculty, and access to academic resources. The application also incorporates innovative features such as a chatbot for real-time interaction and a marketplace for students to buy and sell educational materials. By consolidating these functionalities into a single platform, "Campus Solutions" seeks to reduce administrative burdens, enhance communication, and facilitate a more collaborative learning environment.

The system is built using Django, a high-level Python web framework, ensuring scalability, security, and ease of use. With a modular design, "Campus Solutions" is adaptable to the unique needs of different educational institutions. This project is motivated by the need to bridge the gap between traditional academic management methods and modern technological solutions, providing an innovative tool that addresses the challenges of academic institutions today.