

A

PROJECT REPORT

“SmartDoc Converter”

Submitted

In partial fulfilment of the requirement the

Degree of

BACHELOR IN TECHNOLOGY

IN

COMPUTER SCIENCE & ENGINEERING



APPOLO INSTITUTE OF TECHNOLOGY, KANPUR

AKTU, LUCKNOW

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Certificate

This is to certify that the Project Report entitled "SmartDoc Converter" is a Bonafide record of work done by Ms. Karuna Patel (2203530109015), Ms. Khushbu Saroj (2203530109015), Ms. Archana Singh (2203530109015) and Ms. Anshu Mishra (2203530109015) in partial fulfilment of requirements for the degree of Bachelor of Technology (Computer Science and Engineering) in Department of Computer Science and engineering, Apollo Institute of Technology, Kanpur Nagar. Uttar Pradesh.

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DECLARATION

We hereby declare that the project titled “**SmartConverter**”, submitted in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering**, is our original work.

This project has been carried out under the supervision of **Mr. Ansh Shukla**, Department of Computer Science & Engineering, **Apollo Institute of Technology**, Kanpur Nagar, Uttar Pradesh.

To the best of our knowledge, this work is original and has not been submitted elsewhere for any degree or diploma, except where properly acknowledged.

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It is only his cognizant efforts that our endeavours have been light of the day.

We also do not like to miss the opportunity of acknowledgement the contribution of all faculty members of department for their kind assistance and cooperation during the development of our project. Last but not least we acknowledgement our fries or their contribution in the completion of the project.

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1. PROJECT OVERVIEW

In today's digital world, converting documents between various formats has become a common requirement in education, business, and daily life. Our project, **SmartDoc Converter**, is developed to address this need. It is a web-based application designed to perform various document conversion tasks such as converting PDF to text, text to PDF, Word to PDF, and compressing large PDF files.

The main objective of this project is to provide users with a simple, fast, and secure platform for document conversion. It eliminates the need for installing heavy software or using online third-party tools that may compromise data security. The application is built using **Laravel**, a popular PHP framework, and uses **open-source libraries** for reading, writing, and converting document formats.

SmartDoc Converter consists of the following modules:

- **PDF to Text:** Extracts readable text from uploaded PDF files.
- **Text to PDF:** Converts typed or pasted text into a downloadable PDF document.
- **Word to PDF:** Converts .doc or .docx Word files into PDF format.
- **PDF Compressor:** Reduces the file size of PDF documents while maintaining quality.

The user interface is designed using **Tailwind CSS** to ensure it is responsive, clean, and user-friendly. All file handling is done securely, and temporary files are deleted after processing to maintain privacy.

This project not only helps in understanding real-world web development using Laravel but also demonstrates practical skills in working with file systems, form validation, backend logic, and PDF/Word processing in PHP. It is a useful tool for students, teachers, professionals, and anyone who regularly works with documents.

Through this project, we aimed to solve a real-world problem and gain hands-on experience in full-stack web development.

