**LATEX CODE OF MINI PROJECT**

\documentclass{article}

\usepackage{graphicx}

\begin{document}

\begin{titlepage}

\centering

\includegraphics[width=0.4\textwidth]{gslogo.png}\par

\vspace{1cm}

{\LARGE Shri GovindRam Seksariya Institute of Technology and Science\par}

\vspace{1cm}

{\Large Mini Project\par}

\vspace{1.5cm}

{\Huge STUDENT MANAGEMENT SYSTEM\par}

\vspace{2cm}

{\Large Submitted by:\par}

{\Large Drashti Agrawal\par}

{\Large Enrollment No: 0801CS221054\par}

\vfill

{\large Date: \today\par}

\end{titlepage}

\begin{titlepage}

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\section{DESCRIPTION OF PROJECT}

A School Management System is a comprehensive software application designed to streamline and enhance the management of educational institutions. It serves as a centralized platform for managing a wide range of administrative and academic tasks, bringing efficiency and accuracy to tasks that would otherwise be time-consuming and error-prone.

The School Management System project presented here incorporates several essential functions:

\begin{itemize}

\item \textbf{Add}: The "Add" function enables administrators to input and maintain student data, simplifying enrollment processes and record-keeping.

\item \textbf{Display}: The "Display" function provides users with a user-friendly interface to view and retrieve information from the system. This is essential for accessing student data.

\item \textbf{DeleteRec}: The "Delete Record" function allows authorized personnel to remove outdated or erroneous data from the system, ensuring data accuracy and cleanliness.

\item \textbf{Modify}: The "Modify" function empowers users to update existing records, making it possible to adjust student contact details, course information, and teacher assignments.

\end{itemize}

The development of this School Management System project involved the utilization of several fundamental concepts in C programming, including:

\begin{itemize}

\item Functions

\item Structures

\item Loops

\item Conditional statements

\item File handling

\item Coding standards to ensure code quality

\item Debugging and profiling to improve system performance

\end{itemize}

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The School Management System project not only simplifies educational institution management but also demonstrates the practical application of C programming and LaTeX typesetting for effective software development and documentation.

\section{Debugging}

\begin{figure}

\includegraphics[width=1.3

\linewidth]{Screenshot (102).png}

\caption{Debugging}

\label{fig:enter-label}

\end{figure}

\end{document}