Automated Diploma Result Evaluation System

Pranit Adhangle, Yogesh Kamankar, Aaryan Ahirrao, Darshan Aher, Mahesh Bhandakkar

Department of Information Technology,

Head of Department, Department of Information Technology

Matoshri Aasarabai Polytechnic, Eklahare, Nashik, Maharashtra, India

Abstract: *The objective of this project is to develop an automated system that extracts student marks from PDF files, organizes the data into a structured format, and performs various analyses, including calculating the overall passing percentage, identifying toppers, and listing students who scored above 75aims to streamline the result analysis process for educational institutions by automating data extraction, analysis, and report generation. The system will be developed using a combination of modern web technologies. The frontend will be built using React.js to ensure a dynamic and user-friendly interface. The backend logic, responsible for handling API requests and processing the data, will be developed using Java or Node.js/Express. Student result data will be stored in a MySQL or PostgreSQL database, allowing efficient data storage and retrieval.*

Keywords: Automated system, student result extraction, PDF parsing, data analysis, React.js, Node.js, MySQL, PostgreSQL, PDFKit