

PROJECT MANAGEMENT PLAN

STUDENT REGISTRATION SYSTEM

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A. INTRODUCTION

As the human population in these modern times grows, so do their educational needs. Therefore, it requires them to register in schools; however, some schools use an outdated student registration system. Since the number of students has increased, schools with outdated registration systems have an increased chance of overwhelming manpower, resulting in inefficient registration. Therefore, with the help of modern technology, we created a student registration system to accommodate the number of students registering, ensuring efficient registration.

B. STATEMENT OF THE PROBLEM

The existing student registration procedure confronts substantial problems that limit its effectiveness and user satisfaction, such as the fact that it takes time to register and adds time to the process. With so many students registering, many papers are loaded, making it difficult to find them one by one in all those papers, as well as consuming time and creating uncertainty regarding each student's registration. The existing system has issues with inefficiency and time consumption that affect both administrative staff and students, resulting in errors in student information. Additionally, the potential for errors in data entry and retrieval jeopardizes the overall integrity of academic records.

C. OBJECTIVES

The primary aim of the student registration system is to optimize the efficiency of the registrar's office. This system is designed to securely store comprehensive data and information for all registered students, replacing manual record-keeping and minimizing errors. By implementing this digital platform, we intend to simplify the registration process, offering a user-friendly alternative to face-to-face registration. The system also serves as a centralized hub for accessing and updating student details, ensuring accuracy and ease of retrieval. Overall, the student registration system reflects our commitment to leveraging technology for administrative improvements, creating a more streamlined and secure educational environment.

D. SCOPES AND LIMITATIONS

In our student registration system, we equip it with a secure login requiring a username and password to access its array of functionalities. The functions accessible upon logging into the system primarily involve the ability to register and view the registered student within the system. The limitation of the program is its reliance on a fixed array size, limiting its capacity to accommodate a maximum of 50 student registrations. This constraint arises from the predetermined array size implemented in the code. Additionally, the program faces a limitation regarding data storage, as it needs to retain information permanently. Once the program terminates, all registered student data is lost due to the absence of a database system. Another constraint lies in the program's handling of errors, particularly its limited capability to gracefully manage unexpected user inputs. For instance, if a user enters a string instead of a numeric value for a student's age in the student details, the program may encounter errors.

E. FLOWCHART

