
Programming Fundamentals: Project Proposal

- **Group Members:**
 1. Hasan Yahya (22L-7971)
 2. M. Gulrez Amin (22L-7952)
 3. M. Ammar Haider (22L-7985)
 - **Section: 1B**
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It is becoming increasingly important for schools to have a student management system. As the number of students increases, it becomes hard to keep track of them.

There are many benefits to having such a system, including the following:

1. ***Increased efficiency and accuracy in tracking student data***
2. ***The ability to quickly generate reports on student performance***
3. ***Improved communication between teachers, administrators, and parents***

A student management system can be implemented in many different ways. One popular option is to use a software program such as *Microsoft Excel* or *Access*. However, these programs can be expensive and difficult to use. Another option is to develop a student management system using a programming language such as C++.

This option has the advantage of being more affordable and easier to use. In addition, a C++ system can be customized to meet the specific needs of a school.

The system would be designed to track student information, including contact information, academic progress, and financial aid status. The system would also allow for the generation of reports and the creation of customized user views.

The SMS would be designed using an object-oriented approach, making use of the many features of C++. The system would be modular, so that new features could be added as needed.

The SMS would provide a number of benefits over existing systems. First, it would be specifically designed for use in educational institutions. Second, it would be more flexible and extensible than most existing systems. Third, it would be easier to use, due to its use of C++.

Such a system would thus offer many benefits over existing systems. The development of an SMS in C++ is therefore proposed.

The following Proposed Features will be added to the program:

1. Enter Record
2. Show Record
3. Search Record
4. Update Record
5. Delete Record

>>*The Program will also have a login-password system if Possible.*

[illegible]