Covid Management System

CS3CO23 Object Oriented Programming

CS3CO23 OBJECT ORIENTED PROGRAMMING

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INTRODUCTION

- 1)The COVID-19 pandemic has led to a dramatic loss of human life.

- 2) As the pandemic raged, we found new ways of supporting each other. Time flies and now The availability of a safe and effective vaccine for COVID-19 is well-recognized as an additional tool to contribute to the control of the pandemic.

- 3)But there were other challenges also and our project is based on these few challenges faced by the people which we get to know in further slides of this presentation.

REAL WORLD PROBLEM STATEMENT

- Here are the few statements said by the people. They are:-

- 1) "I am perfectly confident about the vaccine. After all, the PM also took it today. However, getting registered is a problem. I tried the CO-WIN portal at home but it was not working, and now the staff at the hospital is insisting that we need to be registered," said retired Air India employee Rajesh Kumar Chandhock.

- 2) Issues in online registration was a common complaint from the people. Prasoon Narain Agarwal (70) said he tried registering through the CO-WIN portal, but did not receive any intimation about the location of the hospital.

- 3) "As the location of hospital is not properly available that's why he was forced to come there physically because that was the nearest hospital available. said by the Jasola-based businessman.
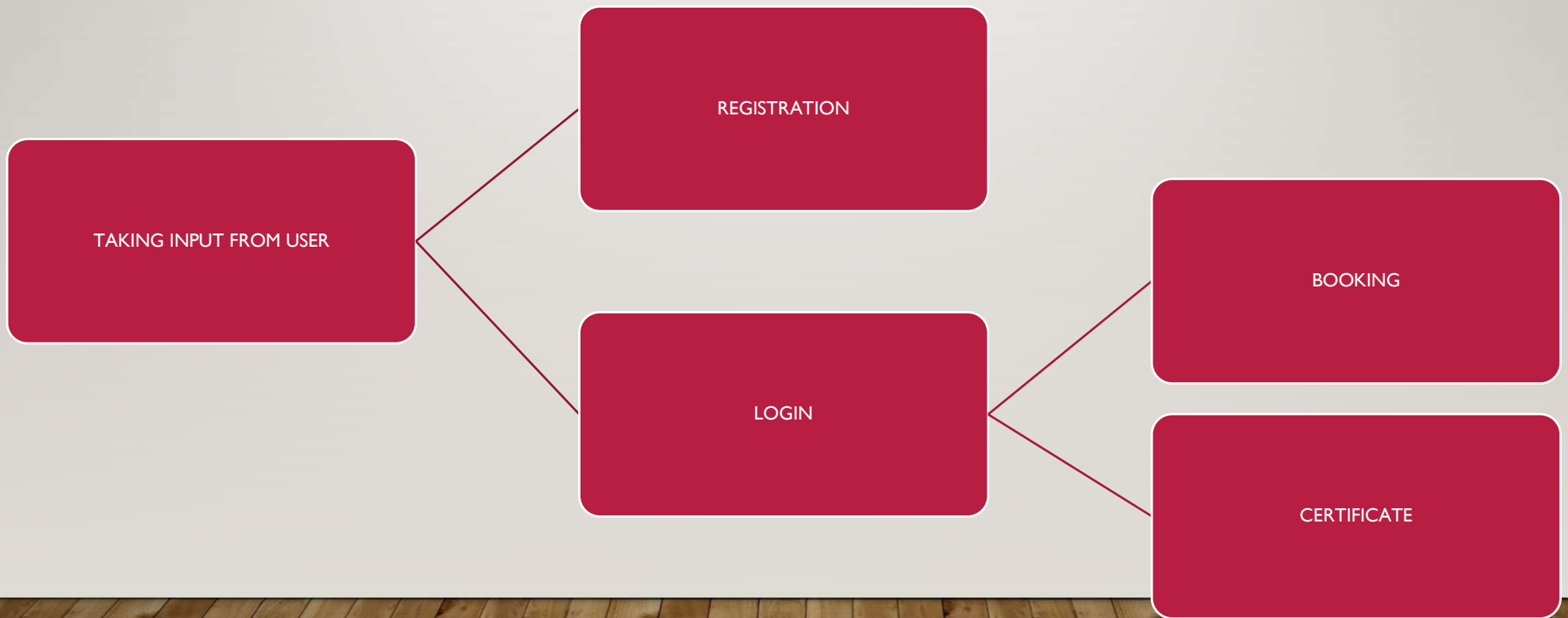
SOLUTION

- Keeping in view the above problems we have made this mini project which helps:-

- 1) To get registered easily.

- 2) To get login successfully.

- 3) It also help to get the proper date of vaccination with wide range of centre's availability.
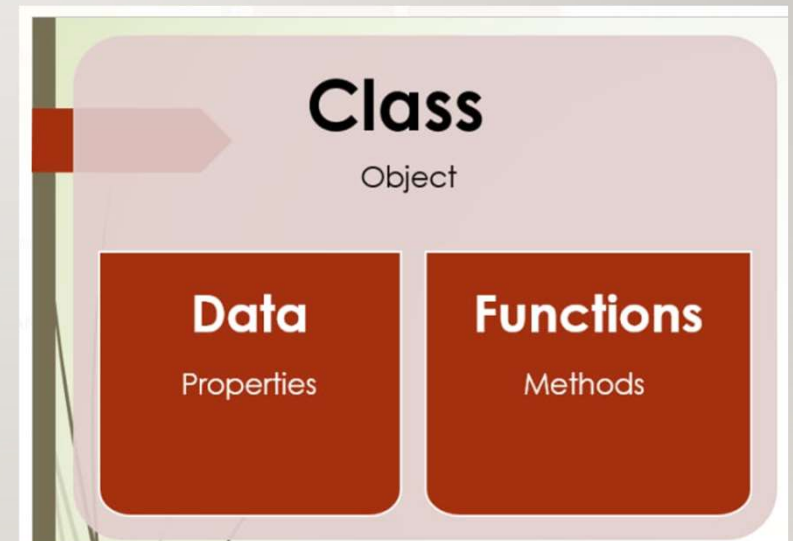
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FUNDAMENTAL'S OF OOP USED IN PROJECT

•A class in C++ is the building block, that leads to Object-Oriented programming.

•It is a user-defined data type, which holds its own data members and member functions.

FUNDAMENTAL'S OF OOP USED IN PROJECT

- OBJECTS

- Object is an instance of a class. ... All the members of the class can be accessed through object.

- For example: in real life, a car is an object. The car has attributes, such as weight and color, and methods, such as drive and brake.
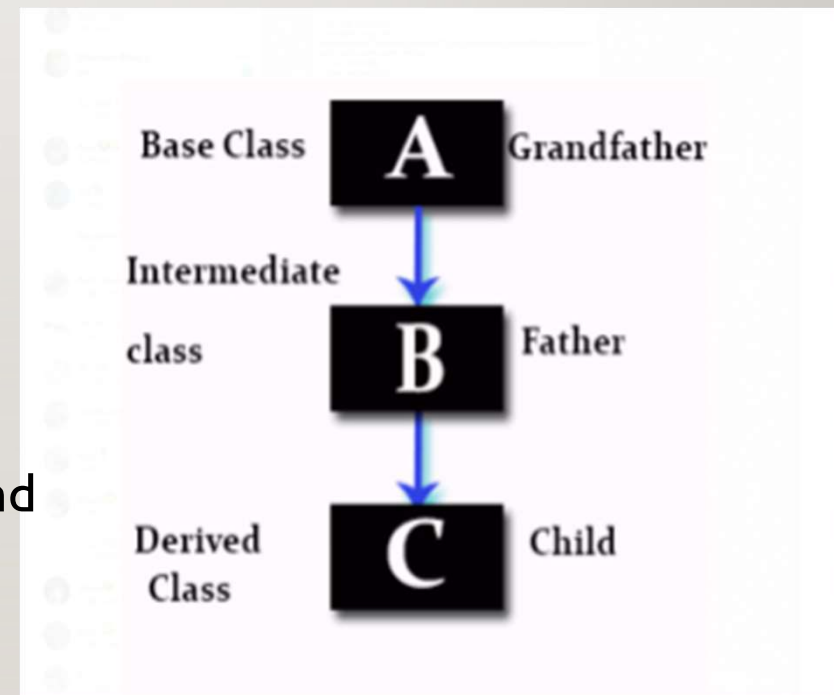
FUNDAMENTAL'S OF OOP USED IN PROJECT

Inheritance

• Inheritance is a process in which one object acquires all the properties and behaviors of its parent object automatically.

•You can reuse, extend or modify the attributes and behaviors which are defined in other class.

FILE HANDLING

- File   Handling provides mechanism to store output of a program.

- C++ provides a set of file handling methods (if stream , of stream and fstream).

- If stream :- This Stream class signifies the output file stream and is applied to create files for writing information to files.

- Of stream:- This Stream class signifies the input file stream and is applied for reading information from files.

- Fstream:- This Stream class can be used for both read and write from or to files.

BENEFITS

➢ Registration And Login System…

➢ Private backend Processing.

➢ Access Data By File Handling .

THANK YOU

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