Object Oriented Programming C++

Term Project Report

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PROJECT NAME

"Application to enter, store and delete information regarding any of sportsmen"

Introduction:

This application is based on the concept to enter, store and delete the detail of the sportsmen. At first, the user has to pass through main menu then the user can add, view and remove the record. The whole project is designed in 'object oriented programming using C++' language and different variables and strings have been used for the development of this project. This project is easy to operate and understand by the users.

Methodology:

Basic method and logical steps used in the project are below:

- **Class date** //simple class
- **Class sportsmen** //composite class //Parent class
- **Class cricket** //child class
- **Class hockey** //child class
- **Class games** //child class
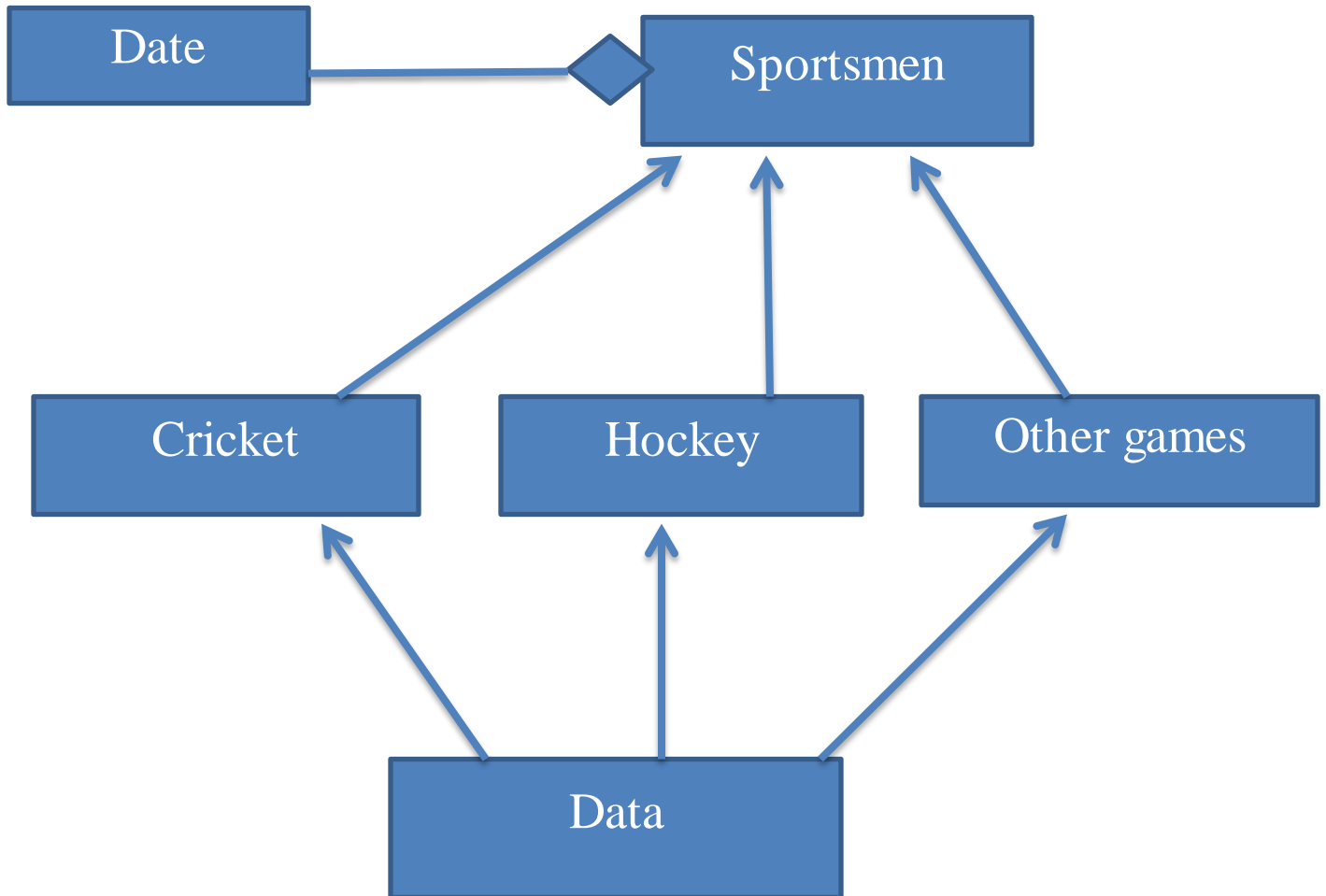- **Class data** //child class
- **main()**

Files:

Multiple files used in this program is:

- **date.h**
- **date.cpp**
- **sportsmen.h**
- **sportsmen.cpp**
- **cricket.h**
- **cricket.cpp**
- **hockey.h**
- **hockey.cpp**
- **games.h**
- **games.cpp**
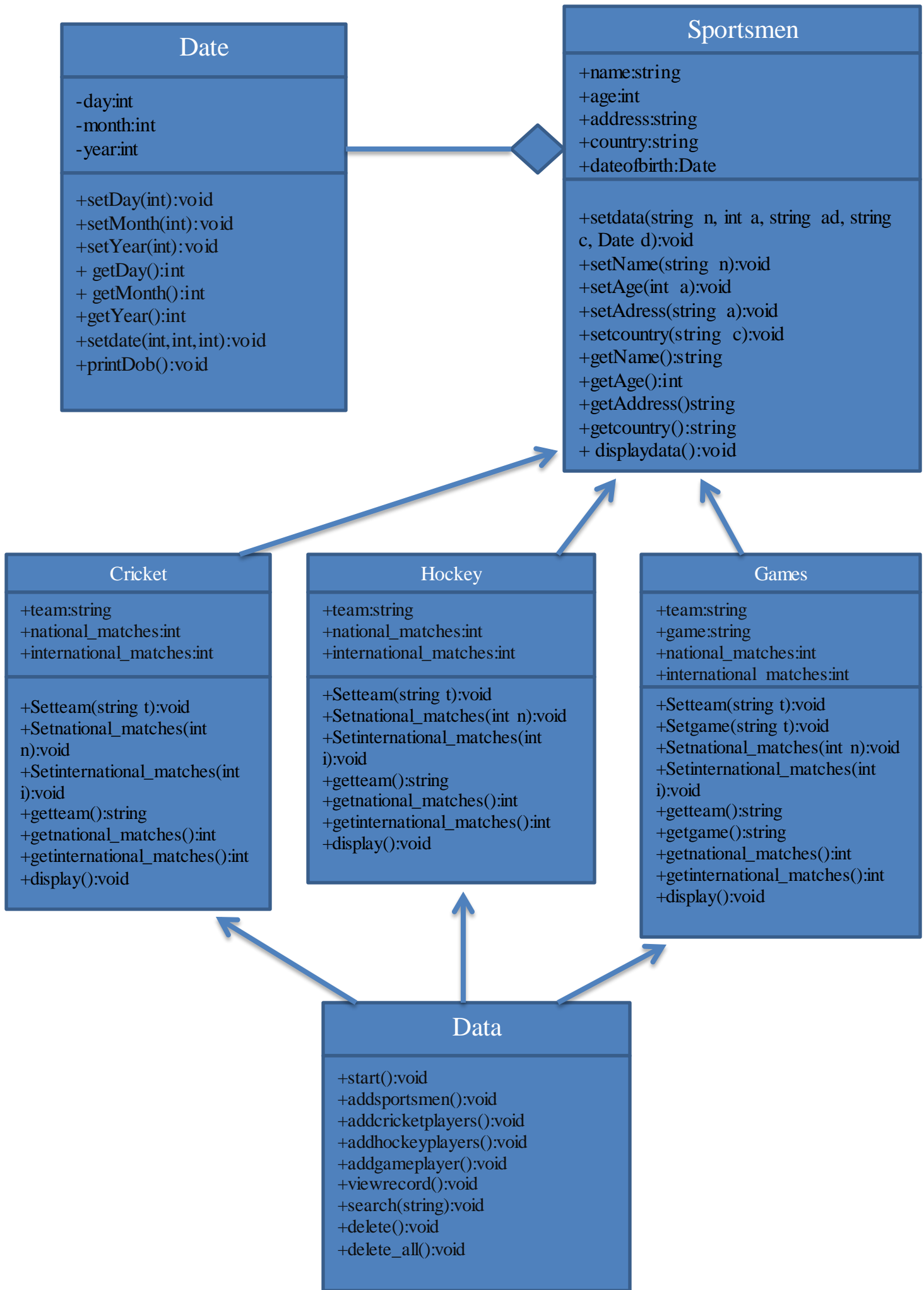- **inputdata.h**
- **inputdata.cpp**
- **source.cpp**

Helping Material:

- Internet
- Book: Object oriented programming using c++

Flowchart:

| Date | ◇——— | Sportsmen |

| Cricket | | Hockey | | Other games |

| Data |

UML diagram:

Date

-day:int
-month:int
-year:int

+setDay(int):void
+setMonth(int):void
+setYear(int):void
+ getDay():int
+ getMonth():int
+getYear():int
+setdate(int,int,int):void
+printDob():void

Sportsmen

+name:string
+age:int
+address:string
+country:string
+dateofbirth:Date

+setdata(string n, int a, string ad, string c, Date d):void
+setName(string n):void
+setAge(int a):void
+setAdress(string a):void
+setcountry(string c):void
+getName():string
+getAge():int
+getAddress()string
+getcountry():string
+ displaydata():void

Cricket

+team:string
+national_matches:int
+international_matches:int

+Setteam(string t):void
+Setnational_matches(int n):void
+Setinternational_matches(int i):void
+getteam():string
+getnational_matches():int
+getinternational_matches():int
+display():void

Hockey

+team:string
+national_matches:int
+international_matches:int

+Setteam(string t):void
+Setnational_matches(int n):void
+Setinternational_matches(int i):void
+getteam():string
+getnational_matches():int
+getinternational_matches():int
+display():void

Games

+team:string
+game:string
+national_matches:int
+international_matches:int

+Setteam(string t):void
+Setgame(string t):void
+Setnational_matches(int n):void
+Setinternational_matches(int i):void
+getteam():string
+getgame():string
+getnational_matches():int
+getinternational_matches():int
+display():void

Data

+start():void
+addsportsmen():void
+addcricketplayers():void
+addhockeyplayers():void
+addgameplayer():void
+viewrecord():void
+search(string):void
+delete():void
+delete_all():void

Code:

Source.cpp:

```cpp
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdio.h>
#include<stdlib.h>
#include"date.h"
#include"sportsmen.h"
#include"cricket.h"
#include"hockey.h"
#include"games.h"
#include"inputdata.h"
using namespace std;

int main()
{
	Data da;
	char choice, choice1;

	while (1) {
		da.start();
		system("pause");
		system("cls");
		cout << "\n\n\n\t\t\t====== MAIN MENU ======\n\t\t";
		cout << "\t\t\t\t\n\t\t\t==>>   SHOW MENU\t[1]\n\t";;
		cout << "\n\t\t\t==>>   EXIT\t[2]\t\t";
		cout << "\n\n\t\t\t====================\n\t\t";
		cout << "\n\n  ==>>  Enter your choice : ";
		fflush(stdin);
		choice = _getche();
		int q = 1;
		string n;
		switch (choice)
		{
		case '1':
			while (q == 1) {
				system("cls");
				cout << "\n\t==>>   Add cricketplayers.\t[1]  \n";
				cout << "\n\t==>>   Add hockeyplayers.\t[2]  \n";
				cout << "\n\t==>>   Add other game players.\t[3]  \n";
				cout << "\n\t==>>   search record.\t[4] \n";
				cout << "\n\t==>>   Veiw record.\t[5] \n";
				cout << "\n\t==>>   Delete record of your choice.\t[6]  \n";
				cout << "\n\t==>>   DELETE all record.\t[7]  \n";
				cout << "\n\t==>>   EXIT.\t[0]\n";
				cout << "\n\n  ==>>  Enter your choice : ";
				choice1 = _getche();

				switch (choice1)
				{
				case '1':

					cout << "\n\nEnter detail of cricket players\n\n";
					da.addcricketplayers();
					break;
				case '2':
					cout << " \n \n Enter detail of hockey players \n \n ";
					da.addhockeyplayers();
```

```cpp
                                break;

                        case '3':
                                cout << " \n \n Enter detail of other game players \n
\n ";

                                da.addgameplayer();
                                break;
                        case '4':
                                cout << "\n\nEnter the name of player to search\n\n";
                                cin >> n;
                                da.search(n);
                                break;
                        case '5':
                                cout << "\n\nVeiw all record\n\n";
                                da.viewrecord();
                                break;
                        case '6':
                                cout << "\n\nDelete player of your choice\n\n";
                                da.deleteP();
                                break;
                        case '7':
                                cout << "\n\nDelete all record\n\n";
                                da.delete_all();
                                break;
                        case '0':
                                exit(1);
                                break;
                        }
                }

                system("pause");
                return 0;
        }
}
```

Date.h:

```cpp
#pragma once
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdlib.h>
using namespace std;
class Date //Simple class
{
private:
        int day;
        int month;
        int year;
public:
        Date();

        Date(int day, int month, int year);

        void setDay(int day);

        void setMonth(int month);

        void setYear(int year);

        int getDay();

        int getMonth();
```

```cpp
        int getYear();

        void setdate();

        void printDob();
};
```

Date.cpp:

```cpp
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdlib.h>
#include"date.h"
using namespace std;

Date::Date()
{
        day = 0;
        month = 0;
        year = 0;
}
Date::Date(int day, int month, int year)
{
        this->day = day;
        this->month = month;
        this->year = year;
}
void Date::setDay(int day)
{
        this->day = day;
}
void Date::setMonth(int month)
{
        this->month = month;
}
void Date::setYear(int year)
{
        this->year = year;
}
int Date::getDay()
{
        return day;
}
int Date::getMonth()
{
        return month;
}
int Date::getYear()
{
        return year;
}
void Date::setdate()
{
        cout << "Enter date of birth : [yyyy - mm - dd] : ";
        cin >> day;
        cin >> month;
        cin >> year;
}
void Date::printDob()
{
        if ((day > 0 && day <= 31) || (month > 0 && month < 13))
        {
                cout << day << "-" << month << "-" << year << endl;
        }
```

```
}
```

Sportsmen.h:

```cpp
#pragma once
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdlib.h>
#include"date.h"
using namespace std;
class sportsmen //composite class  //Parent class
{
public:
    string name;
        int age;
        string address;
        string country;
        Date dateofbirth;

        sportsmen();

        sportsmen(string n, int a, string ad, string c, Date d);

        void setdata(string n, int a, string ad, string c, Date d);

        void setName(string n);

        void setAge(int a);

        void setAdress(string a);

        void setcountry(string c);

        string getName();

        int getAge();

        string getAddress();

        string getcountry();

        void displaydata();
};
```

Sportsmen.cpp:

```cpp
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdlib.h>
#include"date.h"
#include"sportsmen.h"
using namespace std;

sportsmen::sportsmen()
{
        name = "";
        age = 0;
        address = "";
        country = "";
        dateofbirth;
}
```

```cpp
sportsmen::sportsmen(string n, int a, string ad, string c, Date d)
{
    this->name = n;
    this->age = a;
    this->address = ad;
    this->country = c;
    this->dateofbirth = d;
}
void sportsmen::setdata(string n, int a, string ad, string c, Date d)
{
    this->name = n;
    this->age = a;
    this->address = ad;
    this->country = c;
    dateofbirth = d;
}
void sportsmen::setName(string n)
{
    this->name = n;
}
void sportsmen::setAge(int a)
{
    this->age = a;
}
void sportsmen::setAdress(string a)
{
    this->address = a;
}
void sportsmen::setcountry(string c)
{
    this->country = c;
}
string sportsmen::getName()
{
    return name;
}
int sportsmen::getAge()
{
    return age;
}
string sportsmen::getAddress()
{
    return address;
}
string sportsmen::getcountry()
{
    return country;
}
void sportsmen::displaydata()
{
    cout << "Name : " << getName() << endl;
    cout << "Age : " << getAge() << endl;
    cout << "Country : " << getcountry() << endl;
    cout << "Address : " << getAddress() << endl;
    cout << "Date of birth : "; dateofbirth.printDob();
}
```

Cricket.h:

```cpp
#pragma once
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdlib.h>
```

```cpp
#include"sportsmen.h"
using namespace std;
class cricketplayers : public sportsmen//Child class
{
public:
        string team;
        int national_matches;
        int international_matches;

        cricketplayers();

        cricketplayers(string n, int a, string ad, string c, Date d,string t, int na, int
i);

        void Setteam(string t);

        void Setnational_matches(int n);

        void Setinternational_matches(int i);

        string getteam();

        int getnational_matches();

        int getinternational_matches();

        void display();
};
```

Cricket.cpp:

```cpp
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdlib.h>
#include"sportsmen.h"
#include"cricket.h"

using namespace std;

cricketplayers::cricketplayers()
{
        team = "";
        national_matches = 0;
        international_matches = 0;
}
cricketplayers::cricketplayers(string n, int a, string ad, string c, Date d,string t, int
na, int i)
{
        this->team = t;
        this->national_matches = na;
        this->international_matches = i;
}
void cricketplayers::Setteam(string t)
{
        this->team = t;
}
void cricketplayers::Setnational_matches(int n)
{
        this->national_matches = n;
}
void cricketplayers::Setinternational_matches(int i)
{
        this->international_matches = i;
}
```

```cpp
string cricketplayers::getteam()
{
        return team;
}
int cricketplayers::getnational_matches()
{
        return national_matches;
}
int cricketplayers::getinternational_matches()
{
        return international_matches;
}
void cricketplayers::display()
{
        sportsmen::displaydata();
        cout << "team : " << team << endl;
        cout << "National matches played : " << national_matches << endl;
        cout << "International matches played: " << international_matches << endl;
}
```

Hockey.h:

```cpp
#pragma once
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdlib.h>
#include"sportsmen.h"
using namespace std;
class hockeyplayers : public sportsmen//child class
{
public:
        string team;
        int national_matches;
        int international_matches;

        hockeyplayers();

        hockeyplayers(string n, int a, string ad, string c, Date d,string t, int na, int i);

        void Setteam(string t);

        void Setnational_matches(int n);

        void Setinternational_matches(int i);

        string getteam();

        int getnational_matches();

        int getinternational_matches();

        void display();

};
```

Hockey.cpp:

```cpp
#include<iostream>
#include<string>
#include<fstream>
```

```cpp
#include<conio.h>
#include<stdlib.h>
#include"sportsmen.h"
#include"hockey.h"
using namespace std;

hockeyplayers::hockeyplayers()
{
        team = "";
        national_matches = 0;
        international_matches = 0;
}
hockeyplayers::hockeyplayers(string n, int a, string ad, string c, Date d,string t, int
na, int i)
{
        this->team = t;
        this->national_matches = na;
        this->international_matches = i;
}
void hockeyplayers::Setteam(string t)
{
        this->team = t;
}
void hockeyplayers::Setnational_matches(int n)
{
        this->national_matches = n;
}
void hockeyplayers::Setinternational_matches(int i)
{
        this->international_matches = i;
}
string hockeyplayers::getteam()
{
        return team;
}
int hockeyplayers::getnational_matches()
{
        return national_matches;
}
int hockeyplayers::getinternational_matches()
{
        return international_matches;
}
void hockeyplayers::display()
{
        sportsmen::displaydata();
        cout << "team : " << team << endl;
        cout << "National matches played : " << national_matches << endl;
        cout << "International matches played: " << international_matches << endl;
}
```

Game.h:

```cpp
#pragma once
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdlib.h>
#include"sportsmen.h"
using namespace std;

class games : public sportsmen//child class
```

```cpp
{
public:
        string team;
        string game;
        int national_matches;
        int international_matches;

        games();

        games(string n, int a, string ad, string c, Date d,string t, string g, int na, int
i);

        void Setteam(string t);

        void Setgame(string g);

        void Setnational_matches(int n);

        void Setinternational_matches(int i);

        string getteam();

        string getgame();

        int getnational_matches();

        int getinternational_matches();

        void display();

};
```

Game.cpp:

```cpp
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdlib.h>
#include"games.h"

games::games()
{
        team = "";
        game = "";
        national_matches = 0;
        international_matches = 0;
}
games::games(string n, int a, string ad, string c, Date d,string t, string g, int na, int
i)
{
        this->team = t;
        this->game = g;
        this->national_matches = na;
        this->international_matches = i;
}
void games::Setteam(string t)
{
        this->team = t;
}
void games::Setgame(string g)
{
        this->game = g;
}
void games::Setnational_matches(int n)
{
```

```cpp
        this->national_matches = n;
}
void games::Setinternational_matches(int i)
{
        this->international_matches = i;
}
string games::getteam()
{
        return team;
}
string games::getgame()
{
        return game;
}
int games::getnational_matches()
{
        return national_matches;
}
int games::getinternational_matches()
{
        return international_matches;
}
void games::display()
{
        sportsmen::displaydata();
        cout << "team : " << team << endl;
        cout << "Game : " << game << endl;
        cout << "National matches played : " << national_matches << endl;
        cout << "International matches played: " << international_matches << endl;
}
```

Inputdata.h:

```cpp
#pragma once
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdlib.h>
#include"date.h"
#include"sportsmen.h"
#include"cricket.h"
#include"hockey.h"
#include"games.h"

using namespace std;
class Data : public cricketplayers, public hockeyplayers,public games //child class
{
public:
        void start();
        void addsportsmen();
        void addcricketplayers();
        void addhockeyplayers();
        void addgameplayer();
        void viewrecord();
        void search(string);
        void deleteP();
        void delete_all();
};
```

Inputdata.cpp:

```cpp
#include<iostream>
#include<string>
#include<fstream>
#include<conio.h>
#include<stdlib.h>
#include"date.h"
#include"sportsmen.h"
#include"cricket.h"
#include"hockey.h"
#include"games.h"
#include"inputdata.h"
using namespace std;

void Data::start()
{
    cout << endl;
    cout << "\t\t================================================================" <<
endl;
    cout << endl;
    cout << "\t\t\tOBJECT ORIENTED PROGRAMMING PROJECT" << endl;
    cout << endl;
    cout << "\t\t\t\t2nd SEMESTER" << endl;
    cout << endl;
    cout << "\t\t\t  BACHELOUR OF COMPUTER SCIENCE" << endl;
    cout << endl;
    cout << "\t\t APPLICATION TO ENTER, STORE AND DELETE INFORMATION REGARDING ANY OF
SPORTSMEN" << endl;
    cout << endl;
    cout << "\t\t\t\t DESIGNED BY" << endl;
    cout << endl;
    cout << "\t\t\tBushra Masood";
    cout << "\t\t01-134202-110" << endl;
    cout << endl;
    cout << "\t\t\t\tSUBMITTED TO" << endl;
    cout << endl;
    cout << "\t\t\t\tDr Imran Siddiqi" << endl;
    cout << endl;
    cout << "\t\t\t\t12 - JUNE - 2021" << endl;
    cout << endl;
    cout << "\t\t================================================================" <<
endl;
    system("pause");
    system("cls");
}
void Data::addsportsmen()
{
    sportsmen s;
    Date d;
    ofstream ofile;
    ofile.open("record.txt", ios::app);
    int a = 1;
    if (ofile.is_open())
    {
        //while (a)
        {
            cout << "Enter the name of player:  ";
            cin >> s.name;
            cout << "Enter the age : ";
            cin >> s.age;
            cout << "Enter country : ";
            cin >> s.country;
            cout << "Enter address: ";
            cin >> s.address;
            d.setdate();
            //Writing with in the file
            ofile << "------------------------------------\n";
            ofile << "Name : " << s.name << endl;
            ofile << "Age : " << s.age << endl;
```

```cpp
			ofile << "Address : " << s.address << endl;
			ofile << "Country : " << s.country << endl;
			ofile << "Date of birth: "; d.printDob();
			cout << endl;

		}
	}
}
void Data::addcricketplayers()
{
	cricketplayers c;
	ofstream ofile;
	ofile.open("record.txt", ios::app);
	int a = 1;
	if (ofile.is_open())
	{
		//while (a)
		{
			cout << "-------------------------------------------------------------
\n";
			cout << "/////////////////////////////////////////////////////////////
\n";
			cout << "-------------------------------------------------------------
\n";
			cout << "*****Record of cricket players*****" << endl;
			Data::addsportsmen();
			cout << "Enter team: ";
			cin >> c.team;
			cout << "Enter national_matches played : ";
			cin >> c.national_matches;
			cout << "Enter international_matches played : ";
			cin >> c.international_matches;
			cout << "-------------------------------------------------------------
\n";
			cout << "/////////////////////////////////////////////////////////////
\n";
			cout << "-------------------------------------------------------------
\n";
			//Writing with in the file

			ofile << "team : " << c.team << endl;
			ofile << "national_matches : " << c.national_matches << endl;
			ofile << "international_matches : " << c.international_matches <<
endl;
			ofile << "-----------------------------------\n";

		}
	}
}
void Data::addhockeyplayers()
{
	hockeyplayers h;
	ofstream ofile;
	ofile.open("record.txt", ios::app);
	int a = 1;
	if (ofile.is_open())
	{
		//while (a)
		{
			cout << "-------------------------------------------------------------
\n";
			cout << "/////////////////////////////////////////////////////////////
\n";
			cout << "-------------------------------------------------------------
\n";
			cout << "*****Record of Hockey players*****" << endl;
			Data::addsportsmen();
			cout << "Enter team: ";
```

```cpp
                    cin >> h.team;
                    cout << "Enter national_matches played : ";
                    cin >> h.national_matches;
                    cout << "Enter international_matches played : ";
                    cin >> h.international_matches;
                    cout << "-------------------------------------------------------
\n";
                    cout << "////////////////////////////////////////////////////////
\n";
                    cout << "-------------------------------------------------------
\n";
                    //Writing with in the file
                    ofile << "team : " << h.team << endl;
                    ofile << "national_matches : " << h.national_matches << endl;
                    ofile << "international_matches : " << h.international_matches <<
endl;
                    ofile << "---------------------------------\n";

            }
        }
}
void Data::addgameplayer()
{
        games g;
        ofstream ofile;
        ofile.open("record.txt", ios::app);
        int a = 1;
        if (ofile.is_open())
        {
            //while (a)
            {
                    cout << "-------------------------------------------------------
\n";
                    cout << "////////////////////////////////////////////////////////
\n";
                    cout << "-------------------------------------------------------
\n";
                    cout << "*****Record of game players*****" << endl;
                    Data::addsportsmen();
                    cout << "Enter team: ";
                    cin >> g.team;
                    cout << "Enter game : ";
                    cin >> g.game;
                    cout << "Enter national_matches played : ";
                    cin >> g.national_matches;
                    cout << "Enter international_matches played : ";
                    cin >> g.international_matches;
                    cout << "-------------------------------------------------------
\n";
                    cout << "////////////////////////////////////////////////////////
\n";
                    cout << "-------------------------------------------------------
\n";
                    //Writing with in the file
                    ofile << "team : " << g.team << endl;
                    ofile << "game : " << g.game << endl;
                    ofile << "national_matches : " << g.national_matches << endl;
                    ofile << "international_matches : " << g.international_matches <<
endl;
                    ofile << "---------------------------------\n";

            }
        }
}
void Data::viewrecord()
{
            string a;
            ifstream in;
```

```cpp
                in.open("record.txt");
                while (!in.eof())
                {
                        getline(in, a);
                        if (a == "")
                                cout << "Empty Record" << endl;
                        else
                                cout << a << endl;
                }

                in.close();

                system("pause");

        }
void Data::search(string m)
{
        system("cls");
        bool found = false;
        ifstream ifile;
        string s = "";
        ifile.open("record.txt");
        if (ifile.is_open())
        {
                while (!ifile.eof())
                {
                        ifile >> s;
                        if (s == m)
                        {
                                found = true;
                                cout << s;
                                getline(ifile, s);
                                cout << s << endl;
                                getline(ifile, s);
                                cout << s << endl;
                                getline(ifile, s);
                                cout << s << endl;
                                getline(ifile, s);
                                cout << s << endl;
                                getline(ifile, s);
                                cout << s << endl;
                                getline(ifile, s);
                                cout << s << endl;
                                getline(ifile, s);
                                cout << s << endl;
                                getline(ifile, s);
                                cout << s << endl;
                                getline(ifile, s);
                                cout << s << endl;
                                break;
                        }

                }
                if (found == false) {
                        cout << "\n\nRecord Not Found!!\n\n";
                }
                system("pause");
        }
}

void Data::deleteP()
{
        bool found = false;
        system("cls");
        string s = "";
        char another = 'y';
        do
        {
```

```cpp
                string nam;
                ifstream rec;
                ofstream temp;
                int count = 0;
                cout << "\n\nEnter sportsman name to delete : ";
                cin >> nam;
                temp.open("temp.txt");
                rec.open("record.txt");
                while (!rec.eof()) {

                        rec >> s;
                        if (nam != s) {
                                temp << s;
                                count++;

                                if (count == 3) {
                                        temp << "\n";
                                        count = 0;
                                }
                        }
                        else if (nam == s) {
                                found = true;
                                for (int i = 0; i < 8; i++) {
                                        getline(rec, s);
                                }
                        }
                }

                }
                rec.close();
                temp.close();
                remove("record.txt");
                rename("temp.txt", "record.txt");
                if (found == true) {
                        cout << "Record deleted successfully.";
                }
                else {
                        cout << "\n\nRecord Not Found.\n\n";
                }
                cout << "\n\nDo you want to delete another? y/n :   ";
                cin >> another;
        } while (another == 'Y' || another == 'y');
        system("pause");
}
void Data::delete_all()
{
        string a;
        ofstream in;
        in.open("record.txt", ios::trunc);
        while (in)
        {
                in << "";
                break;
        }
        in.close();
        system("pause");
}
```

Output:

```
================================================================

                OBJECT ORIENTED PROGRAMMING PROJECT

                        2nd SEMESTER

                BACHELOUR OF COMPUTER SCIENCE

    APPLICATION TO ENTER, STORE AND DELETE INFORMATION REGARDING ANY OF SPORTSMEN

                        DESIGNED BY

            Bushra Masood            01-134202-110

                        SUBMITTED TO

                        Dr Imran Siddiqi

                        12 - JUNE - 2021


        ================================================================
Press any key to continue . . .
```

```
                ====== MAIN MENU ======

                ==>>   SHOW MENU        [1]

                ==>>   EXIT     [2]

                =====================

  ==>>   Enter your choice :
```

```
    ==>>      Add cricketplayers.      [1]

    ==>>      Add hockeyplayers.       [2]

    ==>>      Add other game players. [3]

    ==>>      search record.   [4]

    ==>>      Veiw record.     [5]

    ==>>      Delete record of your choice.   [6]

    ==>>      DELETE all record.       [7]

    ==>>      EXIT.   [0]


 ==>>   Enter your choice : 1
Enter detail of cricket players


------------------------------------------------------------
////////////////////////////////////////////////////////////
------------------------------------------------------------
*****Record of cricket players*****
Enter the name of player:  Ali
Enter the age : 23
Enter country : pakistan
Enter address: karachi
Enter date of birth : [yyyy - mm - dd] : 24-5-2000
24--5--2000

Enter team: pakistani
Enter national_matches played : 5
Enter international_matches played : 4
```

```
        ==>>      Add cricketplayers.      [1]

        ==>>      Add hockeyplayers.       [2]

        ==>>      Add other game players. [3]

        ==>>      search record.   [4]

        ==>>      Veiw record.     [5]

        ==>>      Delete record of your choice.   [6]

        ==>>      DELETE all record.       [7]

        ==>>      EXIT.   [0]


  ==>>   Enter your choice : 3

 Enter detail of other game players

 ------------------------------------------------------------
/////////////////////////////////////////////////////////////
 ------------------------------------------------------------
*****Record of game players*****
Enter the name of player:  usman
Enter the age : 25
Enter country : England
Enter address: London
Enter date of birth : [yyyy - mm - dd] : 23-6-1994
23--6--1994

Enter team: England
Enter game : Badmenton
Enter national_matches played : 6
Enter international_matches played : 4
```

```
    ==>>    Add cricketplayers.      [1]

    ==>>    Add hockeyplayers.       [2]

    ==>>    Add other game players. [3]

    ==>>    search record.   [4]

    ==>>    Veiw record.     [5]

    ==>>    Delete record of your choice.    [6]

    ==>>    DELETE all record.       [7]

    ==>>    EXIT.    [0]


  ==>>   Enter your choice : 4

Enter the name of player to search

Ali
```

```
Ali
Age : 23
Address : karachi
Country : pakistan
Date of birth: team : pakistani
national_matches : 5
international_matches : 4
---------------------------------
---------------------------------
Press any key to continue . . .
```

```
        ==>>    Add cricketplayers.     [1]

        ==>>    Add hockeyplayers.      [2]

        ==>>    Add other game players. [3]

        ==>>    search record.   [4]

        ==>>    Veiw record.     [5]

        ==>>    Delete record of your choice.   [6]

        ==>>    DELETE all record.      [7]

        ==>>    EXIT.   [0]


  ==>>  Enter your choice : 5

Veiw all record

-----------------------------------
Name : Ali
Age : 23
Address : karachi
Country : pakistan
Date of birth: team : pakistani
national_matches : 5
international_matches : 4
-----------------------------------
-----------------------------------
Name : Usman
Age : 25
Address : england
Country : England
Date of birth: team : England
game : Badmenton
national_matches : 6
international_matches : 4
-----------------------------------
-----------------------------------
```

```
Enter sportsman name to delete : Ali
Record deleted successfully.

Do you want to delete another? y/n :  n
```

```
        ==>>     Add cricketplayers.      [1]

        ==>>     Add hockeyplayers.       [2]

        ==>>     Add other game players. [3]

        ==>>     search record.   [4]

        ==>>     Veiw record.     [5]

        ==>>     Delete record of your choice.    [6]

        ==>>     DELETE all record.       [7]

        ==>>     EXIT.    [0]


  ==>>   Enter your choice : 7

Delete all record

Press any key to continue . . .
```

*record - Notepad

File   Edit   Format   View   Help

```
------------------------------------
Name : Ali
Age : 23
Address : karachi
Country : pakistan
Date of birth: team : pakistan
national_matches : 5
international_matches : 3
------------------------------------
------------------------------------
Name : uu
Age : 0
Address :
Country :
Date of birth: team :
game :
national_matches : 0
international_matches : 0
------------------------------------
------------------------------------
|
Name : usman
Age : 25
Address : laondon
Country : England
Date of birth: team : England
game : Badmenton
national_matches : 6
international_matches : 4
------------------------------------
```