Object Oriented Concepts (OOC) Assignment 2

INDIVIDUAL SUBMISSION

Topic   :Diet Planning & Health Check-up System

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Group no   :MLB_04.2_09

Campus   : Malabe

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We declare that this is our own work and this Assignment does not incorporate without acknowledgment any material previously submitted by anyone else in SLIIT or any other university/Institute. And we declare that each one of us equally contributed to the completion of this Assignment.

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Supplier.h

```cpp
//supplier.h

#include"customer.h"

#include"purchase"

#define SIZE[5];

class Supplier : public user {

private:

        int supplierID;

        char supplierEmail[20];

        char supplyDetails[50];

        int supplyFee;

        int purchase_services;

        purchase* supply_services[SIZE];

public:

        Supplier();

        Supplier(int psupplierID, const char psupplierEmail[], const char

                psupplyDetails[], int psupplyFee, int purchase_services;);

        void calculateSupplyFee();

        void displaysupplyFee();

        void displaySupplyDetails();

        void addsupplies();

        ~Supplier();

}; #pragma once
```

Stocks.h

```cpp
//stocks.h

#include"payment.h"

#define SIZE 3

class Stocks {

private:

        int stockID;

        char stockType[20];

        char stockDate[6];

        char stockDetails[30];

        double stockPrice;

        payment* pay[SIZE];

public:

        Stocks();

        Stocks(int stockID, const char pstockType[], const char stockDate, const char
                pstockDetails[], double stockPrice, int pay1, int pay2);

        void calculateSellAmt(int prod_id, const char prod_type, double prod_amt);

        void addStocks();

        void checkStocks();

        void updateStockDetails();

        void displayStockDetails();

        void addStocks();

        ~Stocks();

};
```

Main.cpp

```cpp
#include"stocks.h"
#include"supplier.h"

#include<iostream>
using namespace std;
int main()
{
    //Object creation

    user* supplier = new supplier();

    stocks* stock = new stocks();


    supplier->login();
    supplier->displaySupplyDetails();

    stock->addStocks();
    stock->displayStockDetails();



    delete supplier;

    delete stocks;

    return 0;
}
```