

Topic : Diet Planning and Health Check-up System

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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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**appointment.h**

/ //Appointment.h

#include "payment"

#define SIZE 3

class appointent {

private:

char appointmentID[10];

char appointmentDate[20];

char appointmentDescription[50];

char app\_doctor[50];

double appontmentPrice;

int counter = 0;

payment\* pay[SIZE]

public:

appointment();

appointment(const char appointmentID[], const char appointmentDate[]), const char appointmentDescription[], const char app\_doctor[], double appontmentPrice, int pay1, int pay2);

void calculate\_appPrice(int app\_id, char app\_type, double pAmnt);

void displayAppointmentDetails();

void addAppointment();

void displayAppointmentPayment();

~appointment();

**Doctor.h**

//Doctor.h

#include "Doctor.h"

class doctor : public staff

{

private:

char doctorUserName[20];

char doctorPassword[20];

char doctorID[10];

public:

doctor();

doctor(const char pdoctorUserName[], const char pdoctorPassword[], const char pdoctorID[]);

void doctorLogin();

void checkPatientDetails();

void updateProfile();

void udpateAvailability();

void requestSalary();

void requestPatientDetails();

~doctor();

};