GITHUB UPLOAD STATUS OF PPS MINI

PROJECT

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Y1 SECTION

CSE CORE

MOVIE TICKET BOOKING SYSTEM

   SAMPLE CODE

#include<stdio.h>

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#include <stdlib.h>

#include<string.h>

//STRUCTURE

typedef struct{

        char showname[20];

        char date[12];

        char time[6];

        char gate[2];

}Show;

Show show={"Avengers: Endgame","22-4-2019","20:30","7"};

typedef struct{

        char name[30];

        char booking\_ID[3];

        int seats;

}Seat;

Seat choice[4][5];

void displaymenu();

void booking();

void cancel();

void seat();

void ticket();

void records();

void looping();

void exit\_();

//Variables

int selection;

int i;

int j;

int seats\_num[20]={0};

int booking\_ID=100;

int seatsAvailable=20;

int main(void)

{

        displaymenu();

        while(selection!=5)

        {

                looping();

        }

        return 0;

}

        void displaymenu()

{

        printf("\n");

        printf("\t  THEATRE SEAT RESERVATION\n"

                  "\t=============================\n"

                  "\tNow Showing: Avengers:Endgame\n"

                  "\t=============================\n"

                  "\n\t1=> FOR BOOKINGS\n"

                  "\n\t2=> FOR CANCELLING RESERVATION\n"

                  "\n\t3=> VIEW TOTAL SEATS\n"

                  "\n\t4=> VIEW RECORDS\n"

                  "\n\t5=> EXIT\n\n");

 printf("\t=============================\n");

        printf("\tPlease Enter Any : ");

        scanf("%d",&selection);

        looping();

        return;

        }

        //looping()

        void looping()

        {

        switch(selection)

                {

                case 1:

                        booking();

                        break;

                case 2:

                        cancel();

                        break;

                case 3:

                        seat();

                        break;

                case 4:

                        records();

                        break;

                case 5:

                        exit\_();

                        break;

                default:

                printf("\tInvalid selecion.Try again\n");

        }

        return;

        }

        //booking

        void booking()

        {

                for(i=0;i<4;i++)

                        for(j=0;j<5;j++)

                {

                printf("\n\tPlease enter seats number   : ");

                scanf("%d",&choice[i][j].seats);

                fflush(stdin);

                if(choice[i][j].seats<=seatsAvailable)

                {

                printf("\tPlease enter customer name : ");

                scanf("%[^\n]",choice[i][j].name);

                fflush(stdin);

                ticket();

                booking\_ID++;

                        }

                seatsAvailable=seatsAvailable-choice[i][j].seats;

                system("pause");

                system("cls");

                displaymenu();

                }

                if(seatsAvailable<0)

                {

                        printf("\n");

                        printf("\tSORRY, The Show Is Fully Booked\n");

                        printf("\t=================END=================\n\n");

                        displaymenu();

                }

                if(choice[i][j].seats>seatsAvailable)

                        {

                                printf("\n");

                                printf("\tThe show leave %d seats\n",seatsAvailable);

                                displaymenu();

                        }

        return;

        }

        void ticket()

        {

        printf("\n\n");

        printf("\t\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb THEATER BOOKED SEATS  \xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\xdb\n");

        printf("\t===================================================================\n");

        printf("\t Booking ID : %d \t\t\tShow Name : %s\n",booking\_ID,show.showname);

        printf("\t Customer  : %s\n",choice[i][j].name);

        printf("\t\t\t                              Date      : %s\n",show.date);

        printf("\t                                              Time      : %s\n",show.time);

        printf("\t                                              Hall      : %s\n",show.gate);

        printf("\t                                              Seats No. : %d%c  \n\n",i+1,j+65);

        printf("\t====================================================================\n");

        return;}

        //Brought to you by CodeAstro - codeastro.com

        // cancel

         void cancel()

         {

              char cancelcustomername[80];

              printf("Enter customer name to be cancel:");

              scanf("%s",&cancelcustomername);

              for(int i=0; i<4 ; i++)

              {

                      for (int j =0 ; j<5; j++)

                      {

                          if (strcmp(choice[i][j].name , cancelcustomername) == 0)

                          {

                                         //seats\_num++;

                                         choice[i][j].seats = 1 ;

                                         system("pause");

                                         system("cls");

                                         displaymenu();

                                         return ;

                          }

                      }

              }

          }

        //seat

        void seat()

        {

                printf("  A   B   C       D     E\n");

                for(j=0;j<5;j++)

                {

                printf("%d  ",booking\_ID);

                }

                for(i=0;i<4;i++)

                {

                        printf("\n");

                        printf("%d\n",i+1);

                }

                system("pause");

                system("cls");

                displaymenu();

        return;

        }

        void records()   //For Staff to View the Show's records

        {

                printf("\t====================================\n");

                printf("\tDISPLAYING ALL RECORDS\n");

                printf("\t====================================\n");

                printf("\tSeats Available left : %d \n",seatsAvailable);

                ticket();

                system("pause");

                system("cls");

                displaymenu();

        return;

        }

        void exit\_()

        {

        printf("\tThank you for using this system\n");

        exit(1);

        return;

        }

OUTPUT



