UML Diagrma

allUsers

-fristname: string
-lastname:string
-email: string
-username:string
-password:string
-zipcode:string
+get_username():string
+get_password():string
+get_email():string
+get_firstname():string
+get_lastname():string
+get_zipcode():string

Home:public Gtk::Window

+Gtk::Image
+on_login_clicked()
+on_signup_clicked()
#Gtk::Label
#Gtk::Button
#Gtk::VBox

readFromFile

+data: vector<allUsers>
+readFile(): vector<allUsers>
+get_index_user(username: string)

Login:public Gtk::Window, public readFromFile

+on_login()
+on_signup()
#Gtk::Label
#Gtk::Button
#Gtk::VBox
#user1:string
#user2:string
#status:int
#Gtk::Entry
#isValid:bool

class display:public Gtk::Window, public readFromFile

+on_logout()
+on_mov()
+on_theat()
+on_job()
+on_job()
+on_rent()
+val : vector<allUsers>
+i:int
#Gtk::Label
#Gtk::Button
#Gtk::VBox

Employment:public Gtk::Window, public readFromFile

+on_submit()
+on_back()
+answe:int
+val:vector<allusers>
#Gtk::Entry
#Gtk::Lable
#Gtk::Button
#Gtk::VBox

displayT:public Gtk::Window

+on_click1()
+on_click2()
+on_click3()
+on_click4()
+on_click5()
+on_click6()
+on_click7()
+on_back()
#Gtk::Button
#Gtk::Label
#Gtk::VBox

Signup:public Gtk::Window, public readFromFile

+saveUser()
+checkUser():int
+on_signedup()
+on_same()
on_home()
#fristname:string
#lastname:String
#username:string
#zipcode:string
#status:int
#Gtk::Entry
#Gtk::Lable
#Gtk::Button
#Gtk::VBox

Movie

-moviename:string
-runtime:String
-showTime1, showtime2, showTime3 :string
-val:vector<allUsers>
+get_moivename():string
+get_runtime():string
+get_showTime1():sting
+get_showTime2():string
+get_showTime3():String

MovieFromFile

+movindex:int
+movData:vector<Moive>
+readformovie():vecor<Movie>
+get_index_movie(movie:string)

displayM:public Gtk::Window

+on_click1()
+on_click2()
+on_click3()
+on_click4()
+on_click5()
+on_click6()
+on_click7()
+on_click8()
+on_click9()
+on_click10()
+on_click11()
+on_click12()
+on_click13()
+on_click14()
+on_click15()
+on_back()
#Gtk::Button
#Gtk::Grid
#Gtk::Label
#Gtk::VBox

RentMovie:public Gtk::Window, public readFromFile

-rentmoviename:string
-address:string
-city:string
-state:string
-zipcode:string
-valid:int
+on_submit()
+on_back()
+val:vector<allUsers>
#Gtk::VBox
#Gtk::Label
#Gtk::Button
#Gtk::Entry
#Gtk::Label

Seatwindow:public Gtk::Window

+on_confirm()
+on_cancle()
+on_button_clicked()
+close_button()
+send_value():string
#Gtk::box
#Gtk::HBox
#Gtk::Frame
#Gtk::Label
#Gtk::Grid
#Gtk::CheckButton
#Gtk::Entry

Billing

+billname:string
+cardnum: signed long
+billsc:int
+billmonth:int
+billyear:int

Billingwindow:public Gtk::Window, public billing

#Gtk::VBox
#Gtk::Hbox
#Gtk::Label
#Gtk::Entry
#Glib::RefPtr<Gtk::Adjustment>
#Gtk::SpinButton
#on_submit()
#on_exit()

Coupon :public Gtk::Window

#Gtk::VBox
#Gtk::Hbox
#Gtk::Label
#Gtk::Entry
#Glib::RefPtr<Gtk::Adjustment>
#Gtk::SpinButton
#on_submit()
#on_exit()

Confirm:public Gtk::Window, public readFromFile

+on_confirm()
+on_cancel()
+set_allvalue();
fir, emai, moviename, time, theaterinfo
#total :float
#seat:int
#val:vector<allUsers>
#Gtk::Button
#Gtk::Label
#Gtk::VBox