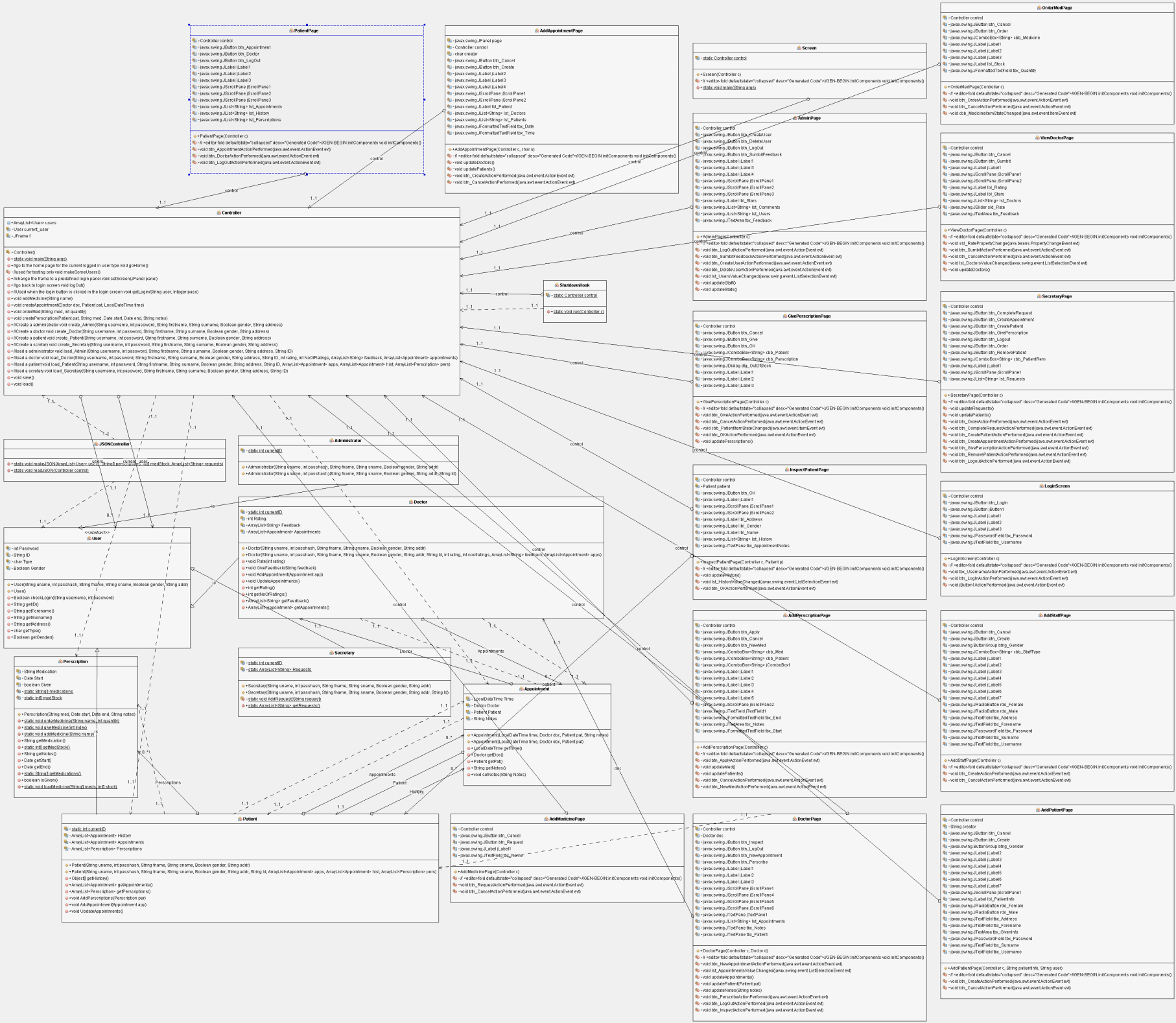
PatientPage
- Controller control
- javax.swing.JButton btn_Appointment
- javax.swing.JButton btn_Doctor
- javax.swing.JButton btn_LogOut
- javax.swing.JLabel jLabel1
- javax.swing.JLabel jLabel2
- javax.swing.JLabel jLabel3
- javax.swing.JScrollPane jScrollPane1
- javax.swing.JScrollPane jScrollPane2
- javax.swing.JScrollPane jScrollPane3
- javax.swing.JList<String> lst_Appointments
- javax.swing.JList<String> lst_History
- javax.swing.JList<String> lst_Perscriptions
+ PatientPage(Controller c)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void btn_AppointmentActionPerformed(java.awt.event.ActionEvent evt)
- void btn_DoctorActionPerformed(java.awt.event.ActionEvent evt)
- void btn_LogOutActionPerformed(java.awt.event.ActionEvent evt)
AddAppointmentPage
- javax.swing.JPanel page
- Controller control
- char creator
- javax.swing.JButton btn_Cancel
- javax.swing.JButton btn_Create
- javax.swing.JLabel jLabel2
- javax.swing.JLabel jLabel3
- javax.swing.JLabel jLabel4
- javax.swing.JScrollPane jScrollPane1
- javax.swing.JScrollPane jScrollPane2
- javax.swing.JLabel lbl_Patient
- javax.swing.JList<String> lst_Doctors
- javax.swing.JList<String> lst_Patients
- javax.swing.JFormattedTextField ttx_Date
- javax.swing.JFormattedTextField ttx_Time
+ AddAppointmentPage(Controller c, char u)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void updateDoctors()
- void updatePatients()
- void btn_CreateActionPerformed(java.awt.event.ActionEvent evt)
- void btn_CancelActionPerformed(java.awt.event.ActionEvent evt)
Screen
- static Controller control
+ Screen(Controller c)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
+ static void main(String args)
AdminPage
- Controller control
- javax.swing.JButton btn_CreateUser
- javax.swing.JButton btn_DeleteUser
- javax.swing.JButton btn_LogOut
- javax.swing.JButton btn_SumbitFeedback
- javax.swing.JLabel jLabel1
- javax.swing.JLabel jLabel3
- javax.swing.JLabel jLabel4
- javax.swing.JScrollPane jScrollPane1
- javax.swing.JScrollPane jScrollPane2
- javax.swing.JScrollPane jScrollPane3
- javax.swing.JLabel lbl_Stars
- javax.swing.JLabel lbl_Stars
- javax.swing.JList<String> lst_Comments
- javax.swing.JList<String> lst_Users
- javax.swing.JTextArea ttx_Feedback
+ AdminPage(Controller c)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void btn_LogOutActionPerformed(java.awt.event.ActionEvent evt)
- void btn_SumbitFeedbackActionPerformed(java.awt.event.ActionEvent evt)
- void btn_CreateUserActionPerformed(java.awt.event.ActionEvent evt)
- void btn_DeleteUserActionPerformed(java.awt.event.ActionEvent evt)
- void lst_UsersValueChanged(javax.swing.event.ListSelectionEvent evt)
- void updateStaff()
- void updateStats()
OrderMedPage
- Controller control
- javax.swing.JButton btn_Cancel
- javax.swing.JButton btn_Order
- javax.swing.JComboBox<String> cbb_Medicine
- javax.swing.JLabel jLabel1
- javax.swing.JLabel jLabel2
- javax.swing.JLabel jLabel3
- javax.swing.JLabel lbl_Stock
- javax.swing.JFormattedTextField ttx_Quantity
+ OrderMedPage(Controller c)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void btn_OrderActionPerformed(java.awt.event.ActionEvent evt)
- void btn_CancelActionPerformed(java.awt.event.ActionEvent evt)
- void cbb_MedicineItemStateChanged(java.awt.event.ItemEvent evt)
ViewDoctorPage
- Controller control
- javax.swing.JButton btn_Cancel
- javax.swing.JButton btn_Sumbit
- javax.swing.JLabel jLabel1
- javax.swing.JScrollPane jScrollPane1
- javax.swing.JScrollPane jScrollPane2
- javax.swing.JLabel lbl_Rating
- javax.swing.JLabel lbl_Stars
- javax.swing.JList<String> lst_Doctors
- javax.swing.JSlider sld_Rate
- javax.swing.JTextArea ttx_Feedback
+ ViewDoctorPage(Controller c)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void sld_RatePropertyChange(java.beans.PropertyChangeEvent evt)
- void btn_SumbitActionPerformed(java.awt.event.ActionEvent evt)
- void btn_CancelActionPerformed(java.awt.event.ActionEvent evt)
- void lst_DoctorsValueChanged(javax.swing.event.ListSelectionEvent evt)
- void updateDoctors()
Controller
- ArrayList<User> users
- User current_user
- JFrame f
- Controller()
+ static void main(String args)
+ //go to the home page for the current logged in user type void goHome()
- //used for testing only void makeSomeUsers()
+ //change the frame to a predefined login panel void setScreen(JPanel panel)
+ //go back to login screen void logOut()
+ //Used when the login button is clicked in the login screen void getLogin(String user, Integer pass)
+ void addMedicine(String name)
+ void createAppointment(Doctor doc, Patient pat, LocalDateTime time)
+ void orderMed(String med, int quantity)
+ void createPerscription(Patient pat, String med, Date start, Date end, String notes)
+ //Create a administrator void create_Admin(String username, int password, String firstname, String surname, Boolean gender, String address)
+ //Create a doctor void create_Doctor(String username, int password, String firstname, String surname, Boolean gender, String address)
+ //Create a patient void create_Patient(String username, int password, String firstname, String surname, Boolean gender, String address)
+ //Create a secretary void create_Secretary(String username, int password, String firstname, String surname, Boolean gender, String address)
+ //load a administrator void load_Admin(String username, int password, String firstname, String surname, Boolean gender, String address, String ID)
+ //load a doctor void load_Doctor(String username, int password, String firstname, String surname, Boolean gender, String address, String ID, int rating, int NoOfRatings, ArrayList<String> feedback, ArrayList<Appointment> appointments)
+ //load a patient void load_Patient(String username, int password, String firstname, String surname, Boolean gender, String address, String ID, ArrayList<Appointment> apps, ArrayList<Appointment> hist, ArrayList<Perscription> pers)
+ //load a secretary void load_Secretary(String username, int password, String firstname, String surname, Boolean gender, String address, String ID)
+ void save()
+ void load()
ShutdownHook
- static Controller control
+ static void run(Controller c)
GivePerscriptionPage
- Controller control
- javax.swing.JButton btn_Cancel
- javax.swing.JButton btn_Give
- javax.swing.JButton btn_OK
- javax.swing.JComboBox<String> cbb_Patient
- javax.swing.JComboBox<String> cbb_Perscription
- javax.swing.JDialog dlg_OutOfStock
- javax.swing.JLabel jLabel1
- javax.swing.JLabel jLabel2
- javax.swing.JLabel jLabel3
+ GivePerscriptionPage(Controller c)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void btn_GiveActionPerformed(java.awt.event.ActionEvent evt)
- void btn_CancelActionPerformed(java.awt.event.ActionEvent evt)
- void cbb_PatientItemStateChanged(java.awt.event.ItemEvent evt)
- void btn_OKActionPerformed(java.awt.event.ActionEvent evt)
- void updatePerscriptions()
SecretaryPage
- Controller control
- javax.swing.JButton btn_CompleteRequest
- javax.swing.JButton btn_CreateAppointment
- javax.swing.JButton btn_CreatePatient
- javax.swing.JButton btn_GivePerscription
- javax.swing.JButton btn_Logout
- javax.swing.JButton btn_Order
- javax.swing.JButton btn_RemovePatient
- javax.swing.JComboBox<String> cbb_PatientRem
- javax.swing.JLabel jLabel1
- javax.swing.JScrollPane jScrollPane1
- javax.swing.JList<String> lst_Requests
+ SecretaryPage(Controller c)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void updateRequests()
- void updatePatients()
- void btn_OrderActionPerformed(java.awt.event.ActionEvent evt)
- void btn_CompleteRequestActionPerformed(java.awt.event.ActionEvent evt)
- void btn_CreatePatientActionPerformed(java.awt.event.ActionEvent evt)
- void btn_CreateAppointmentActionPerformed(java.awt.event.ActionEvent evt)
- void btn_GivePerscriptionActionPerformed(java.awt.event.ActionEvent evt)
- void btn_RemovePatientActionPerformed(java.awt.event.ActionEvent evt)
- void btn_LogoutActionPerformed(java.awt.event.ActionEvent evt)
JSONController
+ static void makeJSON(ArrayList<User> users, String[] perscriptions, int[] medStock, ArrayList<String> requests)
+ static void readJSON(Controller control)
Administrator
- static int currentID
+ Administrator(String uname, int passhash, String fname, String sname, Boolean gender, String addr)
+ Administrator(String uname, int passhash, String fname, String sname, Boolean gender, String addr, String Id)
InspectPatientPage
- Controller control
- Patient patient
- javax.swing.JButton btn_OK
- javax.swing.JLabel jLabel1
- javax.swing.JScrollPane jScrollPane1
- javax.swing.JScrollPane jScrollPane2
- javax.swing.JLabel lbl_Address
- javax.swing.JLabel lbl_Gender
- javax.swing.JLabel lbl_Name
- javax.swing.JList<String> lst_History
- javax.swing.JTextPane ttx_AppointmentNotes
+ InspectPatientPage(Controller c, Patient p)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void updateHistory()
- void lst_HistoryValueChanged(javax.swing.event.ListSelectionEvent evt)
- void btn_OKActionPerformed(java.awt.event.ActionEvent evt)
LoginScreen
- Controller control
- javax.swing.JButton btn_Login
- javax.swing.JButton jButton1
- javax.swing.JLabel jLabel1
- javax.swing.JLabel jLabel2
- javax.swing.JLabel jLabel3
- javax.swing.JPasswordField ttx_Password
- javax.swing.JTextField ttx_Username
+ LoginScreen(Controller c)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void ttx_UsernameActionPerformed(java.awt.event.ActionEvent evt)
- void btn_LoginActionPerformed(java.awt.event.ActionEvent evt)
- void jButton1ActionPerformed(java.awt.event.ActionEvent evt)
User
- int Password
- String ID
- char Type
- Boolean Gender
+ User(String uname, int passhash, String fname, String sname, Boolean gender, String addr)
+ User()
+ Boolean checkLogin(String username, int password)
+ String getID()
+ String getFirstname()
+ String getSurname()
+ String getAddress()
+ char getType()
+ Boolean getGender()
Doctor
- static int currentID
- int Rating
- ArrayList<String> Feedback
- ArrayList<Appointment> Appointments
+ Doctor(String uname, int passhash, String fname, String sname, Boolean gender, String addr)
+ Doctor(String uname, int passhash, String fname, String sname, Boolean gender, String addr, String Id, int rating, int noofratings, ArrayList<String> feedback, ArrayList<Appointment> apps)
+ void Rate(int rating)
+ void GiveFeedback(String feedback)
+ void AddAppointment(Appointment app)
+ void UpdateAppointments()
+ int getRating()
+ int getNoOfRatings()
+ ArrayList<String> getFeedback()
+ ArrayList<Appointment> getAppointments()
AddPerscriptionPage
- Controller control
- javax.swing.JButton btn_Apply
- javax.swing.JButton btn_Cancel
- javax.swing.JButton btn_NewMed
- javax.swing.JComboBox<String> cbb_Med
- javax.swing.JComboBox<String> cbb_Patient
- javax.swing.JComboBox<String> jComboBox1
- javax.swing.JLabel jLabel1
- javax.swing.JLabel jLabel2
- javax.swing.JLabel jLabel3
- javax.swing.JLabel jLabel4
- javax.swing.JLabel jLabel5
- javax.swing.JScrollPane jScrollPane2
- javax.swing.JTextField jTextField1
- javax.swing.JFormattedTextField ttx_End
- javax.swing.JTextArea ttx_Notes
- javax.swing.JFormattedTextField ttx_Start
+ AddPerscriptionPage(Controller c)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void btn_ApplyActionPerformed(java.awt.event.ActionEvent evt)
- void updateMeds()
- void updatePatients()
- void btn_CancelActionPerformed(java.awt.event.ActionEvent evt)
- void btn_NewMedActionPerformed(java.awt.event.ActionEvent evt)
AddStaffPage
- Controller control
- javax.swing.JButton btn_Cancel
- javax.swing.JButton btn_Create
- javax.swing.ButtonGroup btng_Gender
- javax.swing.JComboBox<String> cbb_StaffType
- javax.swing.JLabel jLabel1
- javax.swing.JLabel jLabel2
- javax.swing.JLabel jLabel3
- javax.swing.JLabel jLabel4
- javax.swing.JLabel jLabel5
- javax.swing.JLabel jLabel6
- javax.swing.JLabel jLabel7
- javax.swing.JRadioButton rdo_Female
- javax.swing.JRadioButton rdo_Male
- javax.swing.JTextField ttx_Address
- javax.swing.JTextField ttx_Forename
- javax.swing.JPasswordField ttx_Password
- javax.swing.JTextField ttx_Surname
- javax.swing.JTextField ttx_Username
+ AddStaffPage(Controller c)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void btn_CreateActionPerformed(java.awt.event.ActionEvent evt)
- void btn_CancelActionPerformed(java.awt.event.ActionEvent evt)
Secretary
- static int currentID
- static ArrayList<String> Requests
+ Secretary(String uname, int passhash, String fname, String sname, Boolean gender, String addr)
+ Secretary(String uname, int passhash, String fname, String sname, Boolean gender, String addr, String Id)
- static void AddRequest(String request)
+ static ArrayList<String> getRequests()
Appointment
- LocalDateTime Time
- Doctor Doctor
- Patient Patient
- String Notes
+ Appointment(LocalDateTime time, Doctor doc, Patient pat, String notes)
+ Appointment(LocalDateTime time, Doctor doc, Patient pat)
+ LocalDateTime getTime()
+ Doctor getDoc()
+ Patient getPat()
+ String getNotes()
+ void setNotes(String Notes)
Perscription
- String Medication
- Date Start
- boolean Given
- static String[] medications
- static int[] medStock
+ Perscription(String med, Date start, Date end, String notes)
+ static void orderMedicine(String name, int quantity)
+ static void giveMedicine(int index)
+ static void addMedicine(String name)
+ String getMedication()
+ static int[] getMedStock()
+ String getNotes()
+ Date getStart()
+ Date getEnd()
+ static String[] getMedications()
+ boolean isGiven()
+ static void loadMedicine(String[] meds, int[] stock)
Patient
- static int currentID
- ArrayList<Appointment> History
- ArrayList<Appointment> Appointments
- ArrayList<Perscription> Perscriptions
+ Patient(String uname, int passhash, String fname, String sname, Boolean gender, String addr)
+ Patient(String uname, int passhash, String fname, String sname, Boolean gender, String addr, String Id, ArrayList<Appointment> apps, ArrayList<Appointment> hist, ArrayList<Perscription> pers)
+ Object[] getHistory()
+ ArrayList<Appointment> getAppointments()
+ ArrayList<Perscription> getPerscriptions()
+ void AddPerscriptions(Perscription per)
+ void AddAppointment(Appointment app)
+ void UpdateAppointments()
AddMedicinePage
- Controller control
- javax.swing.JButton btn_Cancel
- javax.swing.JButton btn_Request
- javax.swing.JLabel jLabel1
- javax.swing.JTextField ttx_Name
+ AddMedicinePage(Controller c)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void btn_RequestActionPerformed(java.awt.event.ActionEvent evt)
- void btn_CancelActionPerformed(java.awt.event.ActionEvent evt)
DoctorPage
- Controller control
- Doctor doc
- javax.swing.JButton btn_Inspect
- javax.swing.JButton btn_LogOut
- javax.swing.JButton btn_NewAppointment
- javax.swing.JButton btn_Perscribe
- javax.swing.JLabel jLabel1
- javax.swing.JLabel jLabel2
- javax.swing.JLabel jLabel3
- javax.swing.JScrollPane jScrollPane1
- javax.swing.JScrollPane jScrollPane4
- javax.swing.JScrollPane jScrollPane5
- javax.swing.JScrollPane jScrollPane6
- javax.swing.JTextPane jTextPane1
- javax.swing.JList<String> lst_Appointments
- javax.swing.JTextPane ttx_Notes
- javax.swing.JTextPane ttx_Patient
+ DoctorPage(Controller c, Doctor d)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void btn_NewAppointmentActionPerformed(java.awt.event.ActionEvent evt)
- void lst_AppointmentsValueChanged(javax.swing.event.ListSelectionEvent evt)
- void updateAppointments()
- void updatePatient(Patient pat)
- void updateNotes(String notes)
- void btn_PerscribeActionPerformed(java.awt.event.ActionEvent evt)
- void btn_LogOutActionPerformed(java.awt.event.ActionEvent evt)
- void btn_InspectActionPerformed(java.awt.event.ActionEvent evt)
AddPatientPage
- Controller control
- String creator
- javax.swing.JButton btn_Cancel
- javax.swing.JButton btn_Create
- javax.swing.ButtonGroup btng_Gender
- javax.swing.JLabel jLabel2
- javax.swing.JLabel jLabel3
- javax.swing.JLabel jLabel4
- javax.swing.JLabel jLabel5
- javax.swing.JLabel jLabel6
- javax.swing.JLabel jLabel7
- javax.swing.JScrollPane jScrollPane1
- javax.swing.JLabel lbl_PatientInfo
- javax.swing.JRadioButton rdo_Female
- javax.swing.JRadioButton rdo_Male
- javax.swing.JTextField ttx_Address
- javax.swing.JTextField ttx_Forename
- javax.swing.JTextArea ttx_OwnerInfo
- javax.swing.JPasswordField ttx_Password
- javax.swing.JTextField ttx_Surname
- javax.swing.JTextField ttx_Username
+ AddPatientPage(Controller c, String patientInfo, String user)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponents()
- void btn_CreateActionPerformed(java.awt.event.ActionEvent evt)
- void btn_CancelActionPerformed(java.awt.event.ActionEvent evt)
control
1..1
0..*
Appointments
Patient
History
Perscriptions
doc