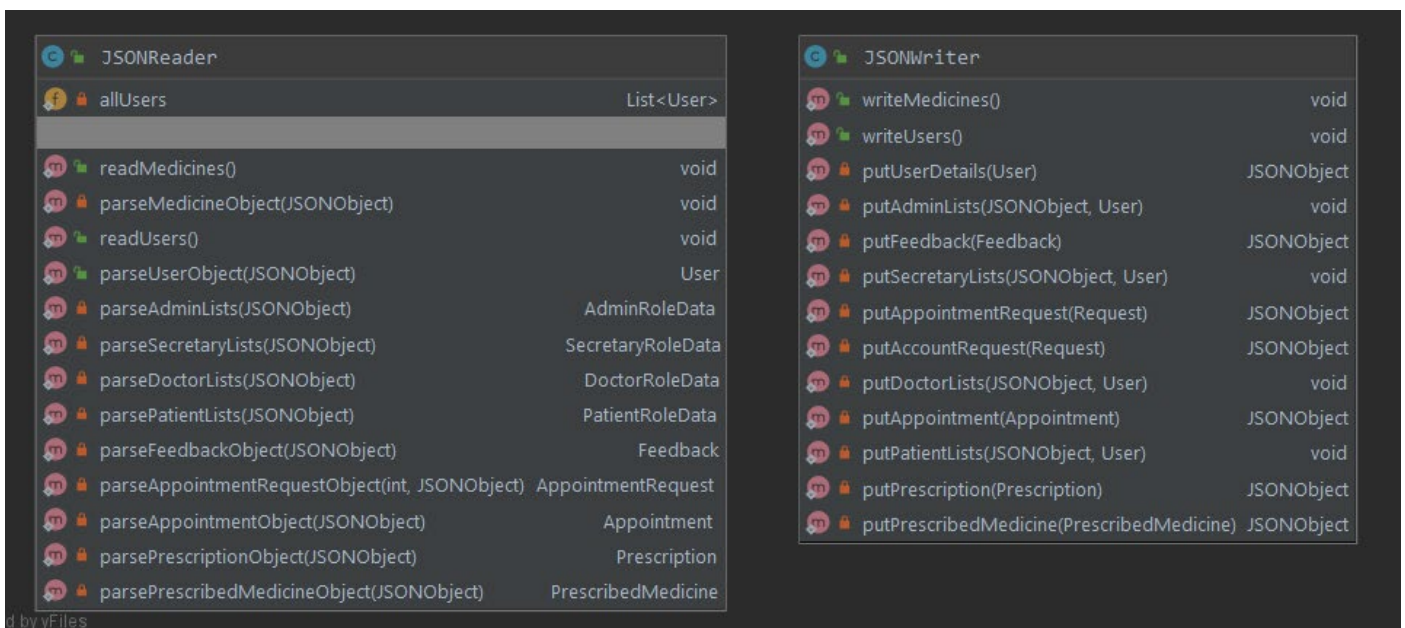
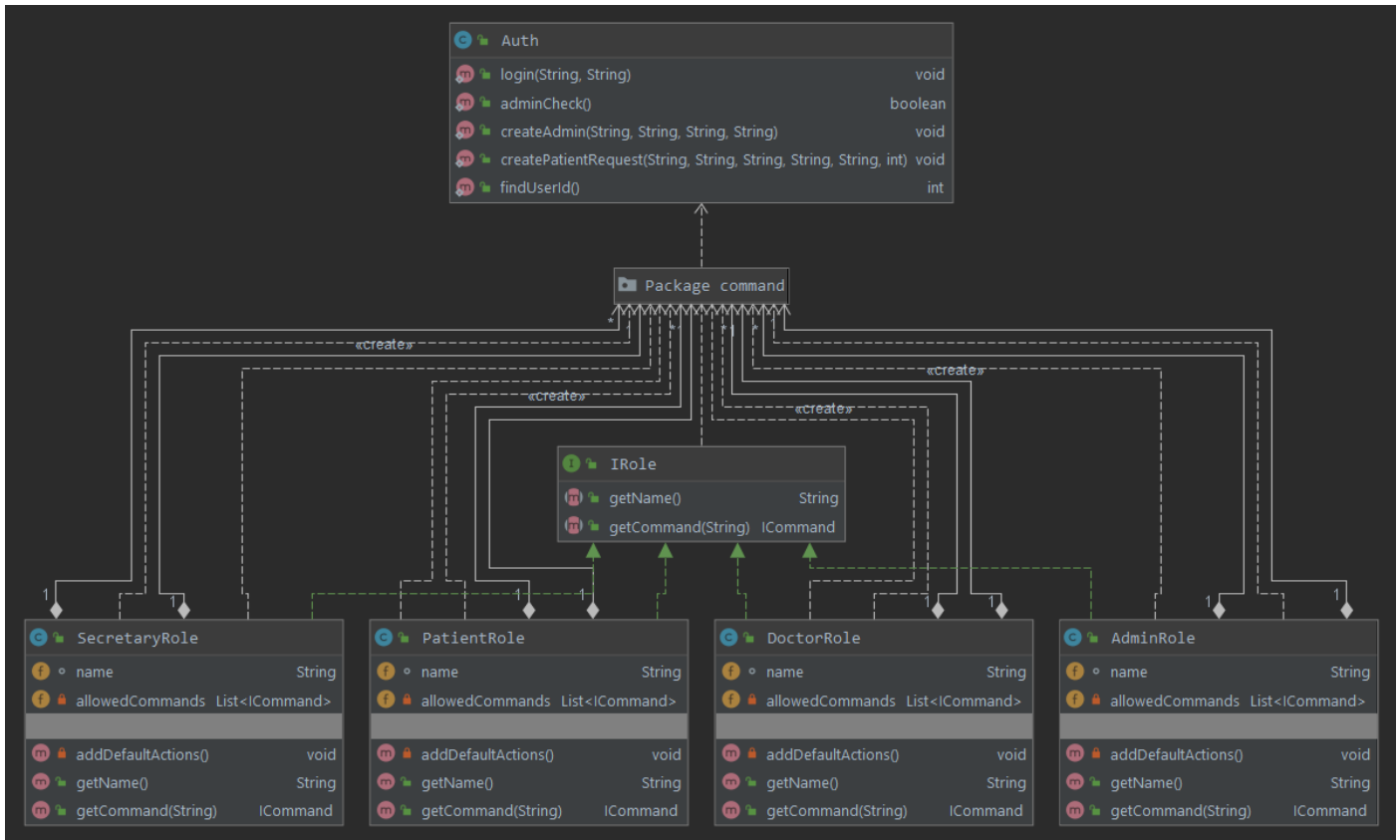


UML Diagrams SOFT252

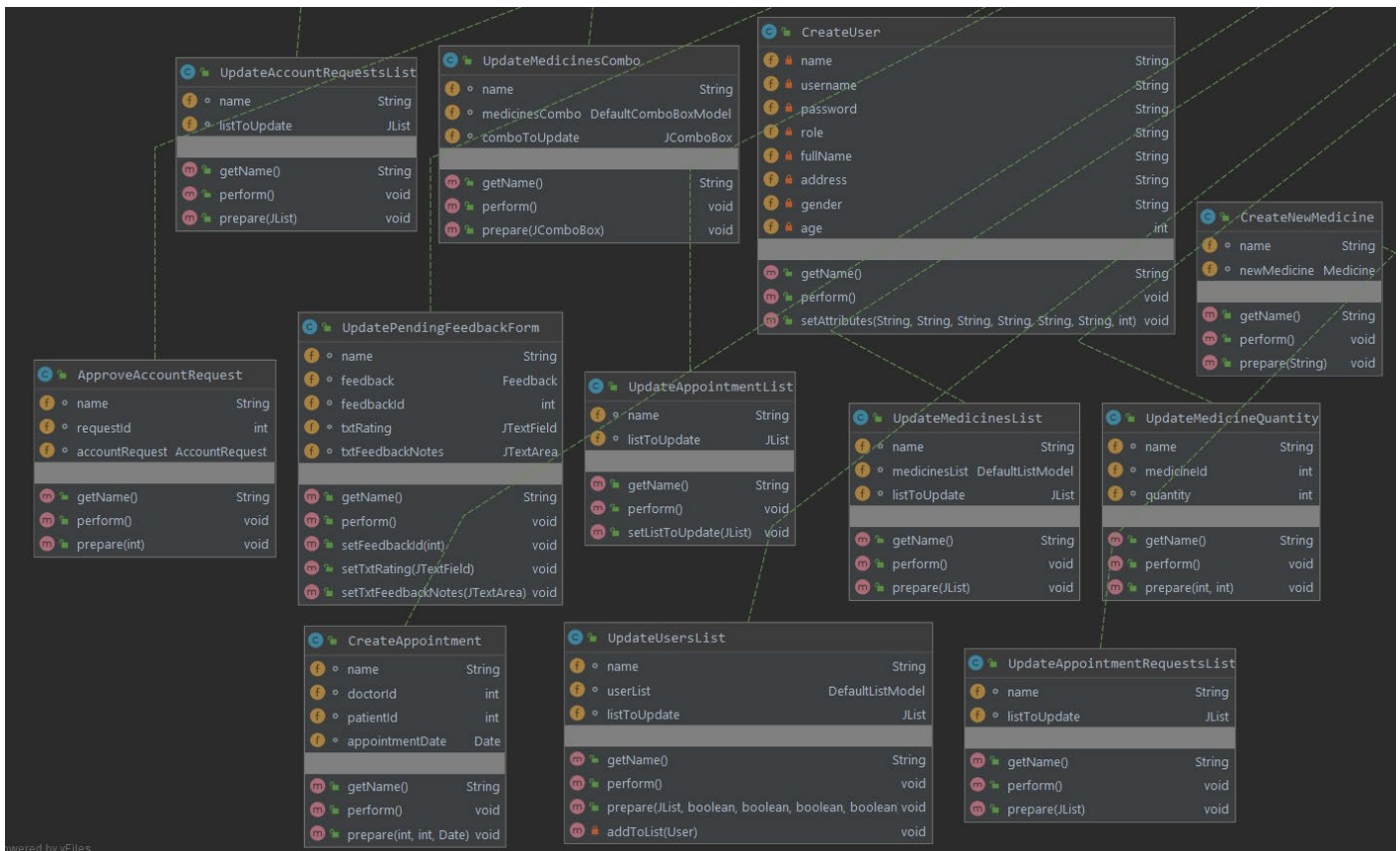
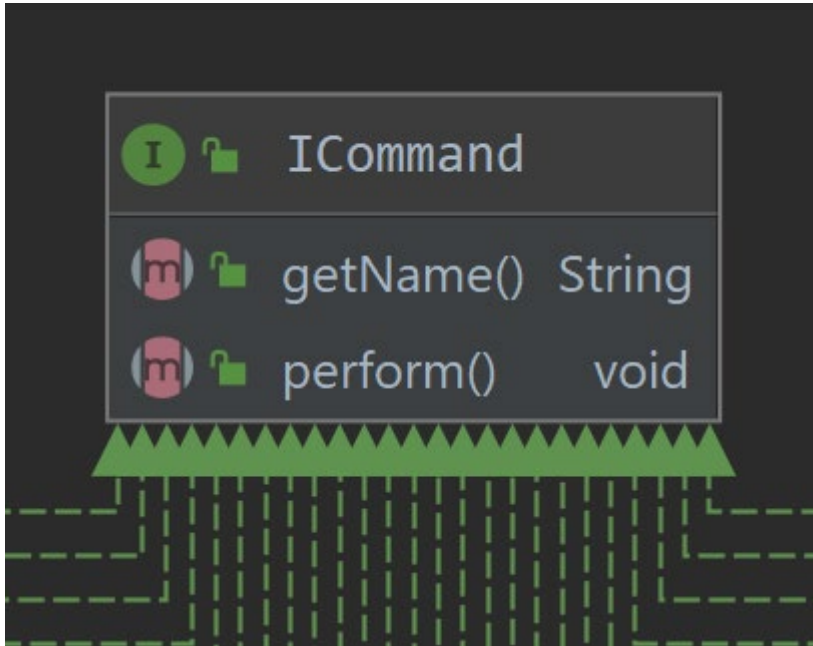
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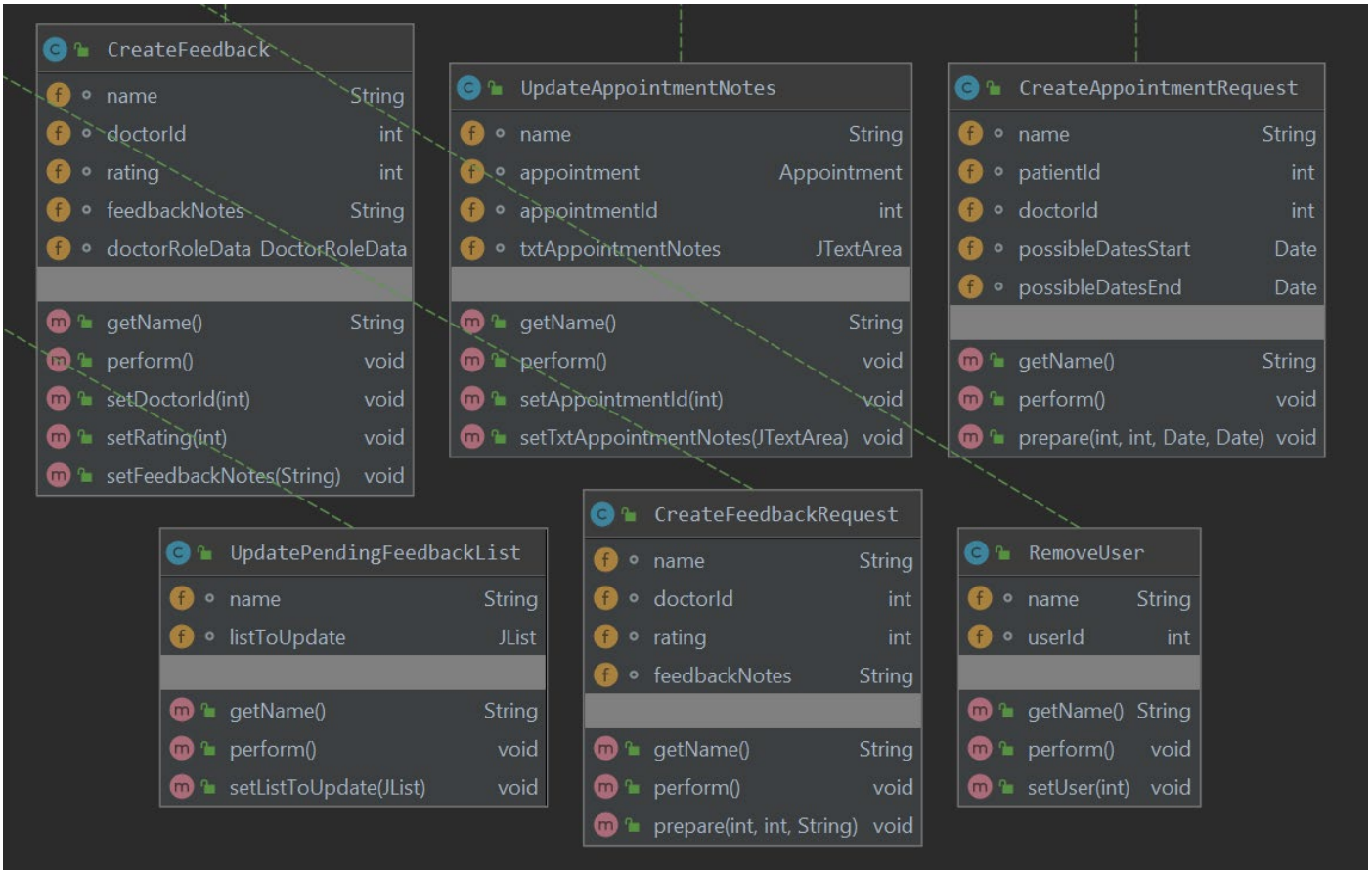
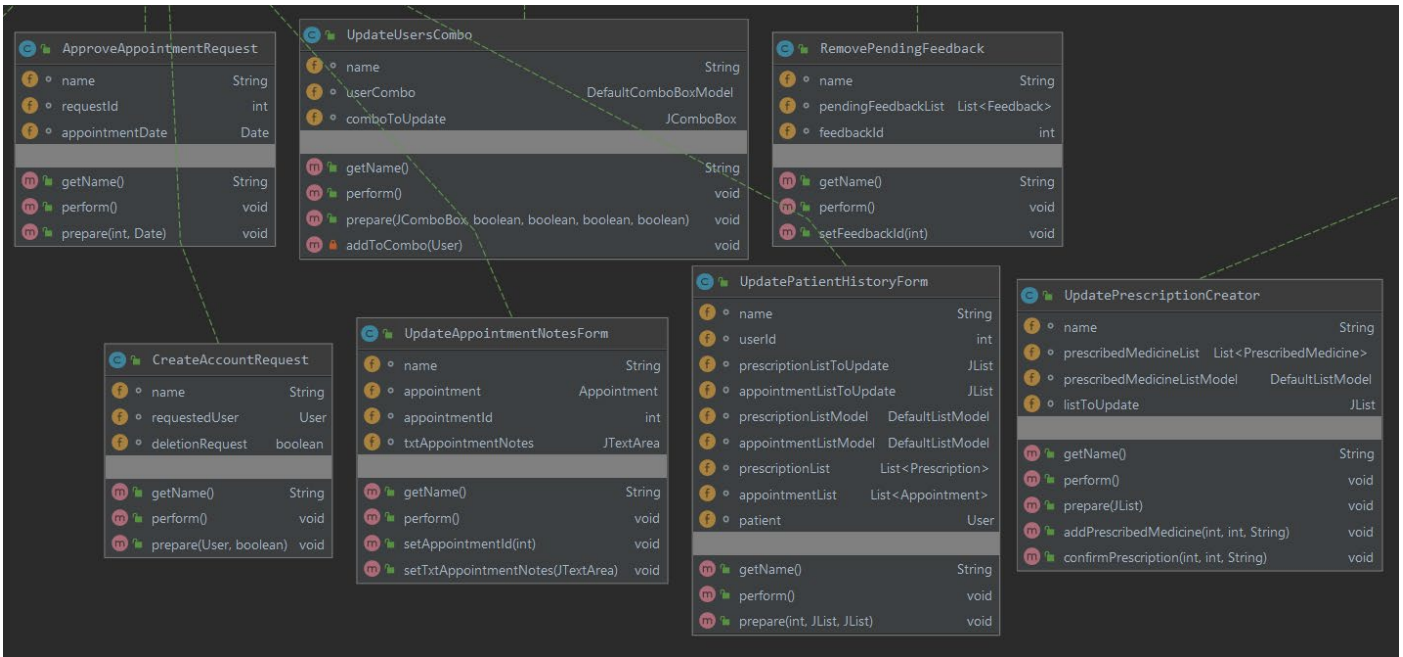
Controller	2
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Controller

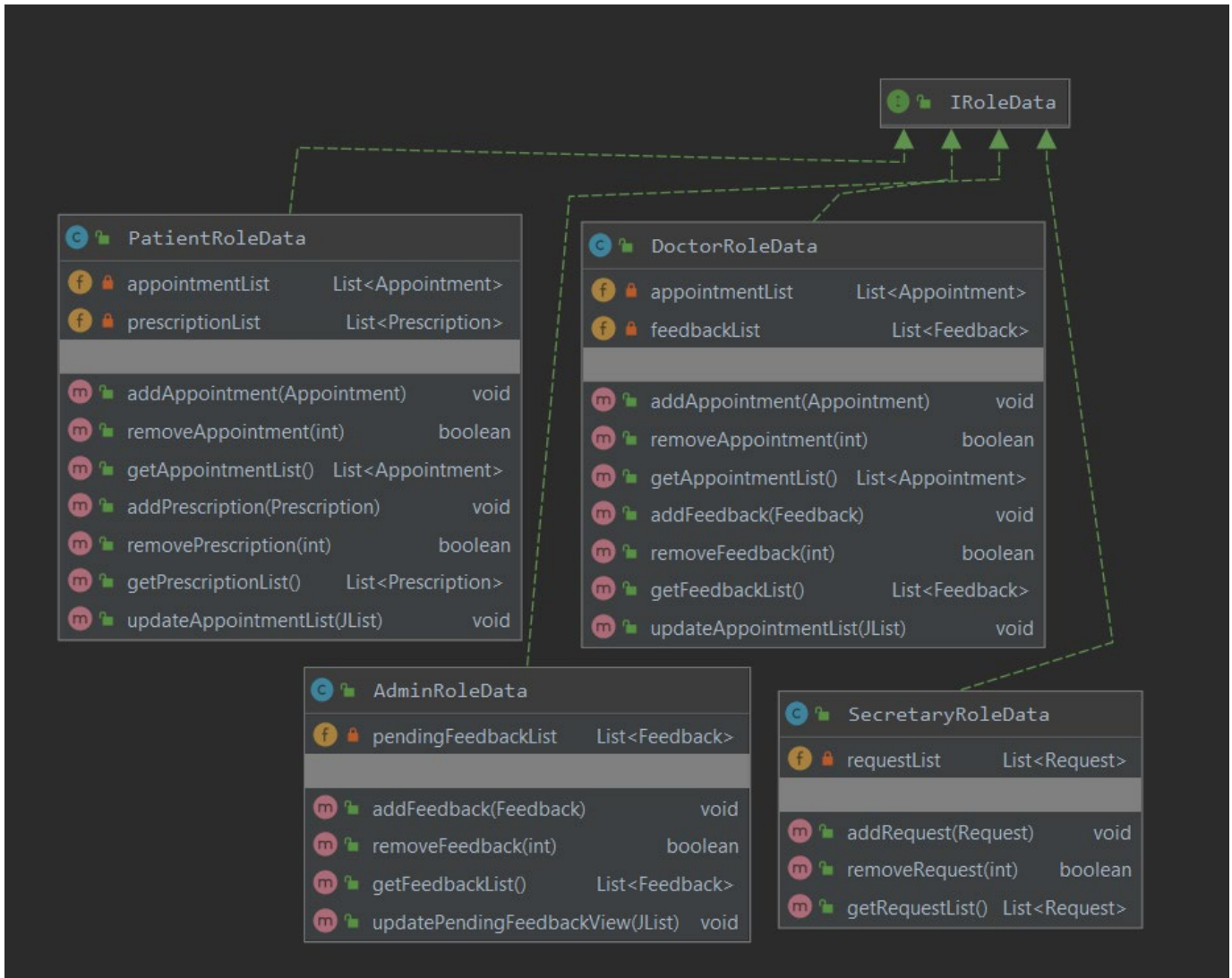


Command (Within controller)





Model



User	
role	String
username	String
password	String
roleData	IRoleData
userId	int
name	String
address	String
gender	String
age	int
getRole()	String
getUserId()	int
getUsername()	String
getPassword()	String
getName()	String
getAddress()	String
getGender()	String
getAge()	int
getRoleData()	IRoleData
setRole(String)	void
setPassword(String)	void
setName(String)	void
setAddress(String)	void
setGender(String)	void
setAge(int)	void

Prescription	
prescriptionId	int
doctorId	int
patientId	int
doctorNotes	String
prescribedMedicineList	List<PrescribedMedicine>
getPrescriptionId()	int
getPrescribedMedicineList()	List<PrescribedMedicine>
addMedicine(Medicine, int, String)	boolean
removeMedicine(int)	boolean
getDoctorId()	int
getPatientId()	int
getDoctorNotes()	String
setDoctorNotes(String)	void

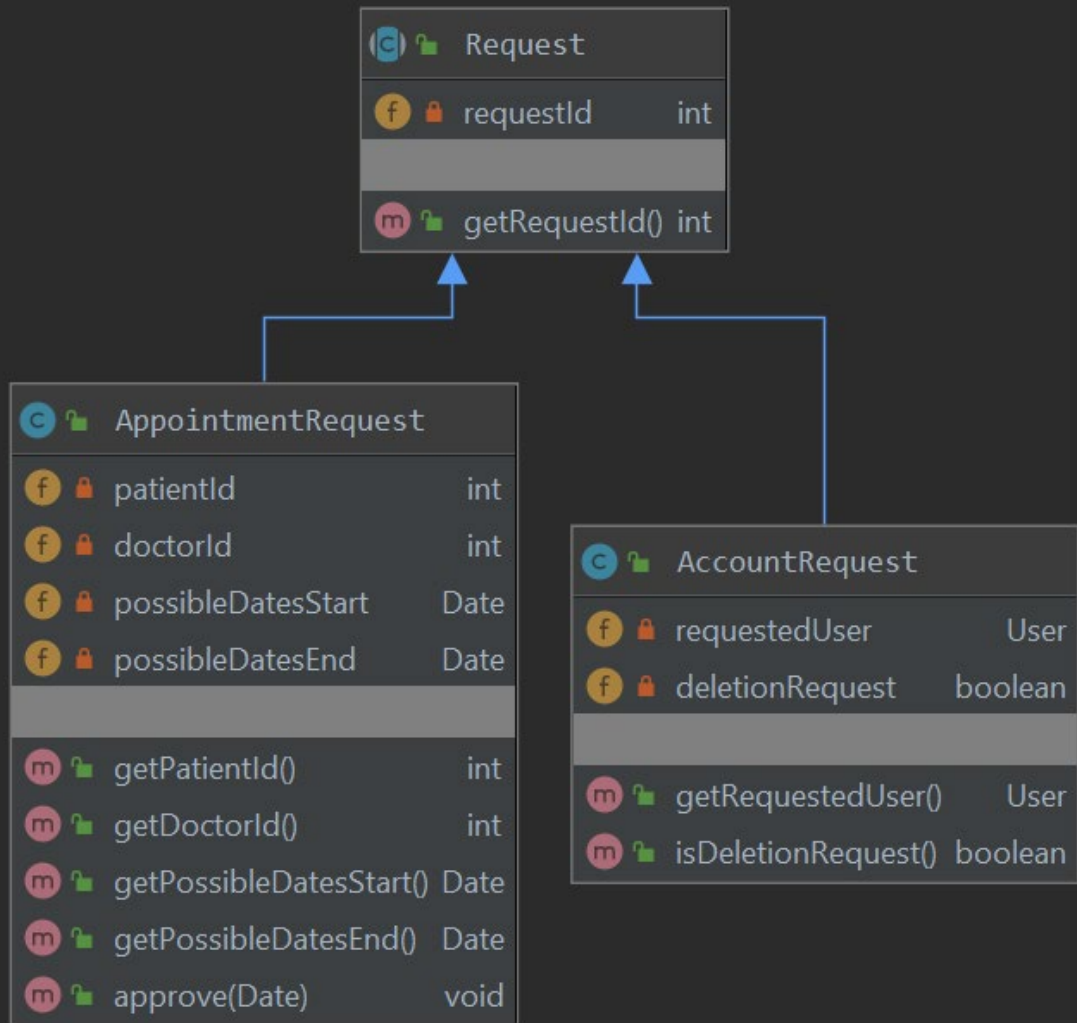
Appointment	
appointmentId	int
doctorId	int
patientId	int
appointmentDate	Date
appointmentNotes	String
getAppointmentId()	int
getDoctorId()	int
getPatientId()	int
getAppointmentDate()	Date
getAppointmentNotes()	String
setAppointmentNotes(String)	void

CurrentData	
allUsers	List<User>
allMedicines	List<Medicine>
getAllUsers()	List<User>
getAllMedicines()	List<Medicine>
setAllUsers(List<User>)	void
setAllMedicines(List<Medicine>)	void
addUser(User)	void
removeUser(int)	boolean
addMedicine(Medicine)	void
removeMedicine(int)	boolean

Feedback	
feedbackId	int
doctorUserId	int
rating	int
feedbackNotes	String
getFeedbackId()	int
getDoctorUserId()	int
getRating()	int
getFeedbackNotes()	String

PrescribedMedicine	
medicine	Medicine
quantity	int
dosage	String
getMedicine()	Medicine
getQuantity()	int
getDosage()	String

Medicine	
medicineId	int
medicineName	String
quantityInStock	int
getMedicineId()	int
getMedicineName()	String
getQuantityInStock()	int
setQuantityInStock(int)	void



View

CreatePrescription	CreatePatientAccountRequest	CreateFeedback	CreateAppointment
lblCreatePrescription JLabel	pnlCreatePatientAccount JPanel	lblCreateFeedback JLabel	pnlCreateAppointment JPanel
lblPatient JLabel	lblRegister JLabel	lblPatientRating JLabel	lblCreateAppointment JLabel
cmbPatient JComboBox	lblUsername JLabel	txtRating JTextField	lblDoctor JLabel
lblNotes JLabel	lblPassword JLabel	lblNotes JLabel	lblPatient JLabel
txtNotes JTextField	lblFullName JLabel	txtFeedbackNotes JTextArea	cmbPatient JComboBox
lblAddMedicine JLabel	lblGender JLabel	btnCreateFeedback JButton	cmbDoctor JComboBox
cmbMedicines JComboBox	lblAge JLabel	btnCancel JButton	lblDate JLabel
lblQuantity JLabel	lblAddress JLabel	btnDelete JButton	txtDate JTextField
txtQuantity JTextField	txtUsername JTextField	btnCreateFeedback JPanel	btnCreate JButton
lblDosage JLabel	txtName JTextField	frame JFrame	btnCancel JButton
txtDosage JTextField	txtGender JTextField	updatePendingFeedbackList UpdatePendingFeedbackList	frame JFrame
lblAdd JButton	txtAge JTextField	pendingFeedbackList JList	doctorId int
lblConfirm JButton	txtPassword JPasswordField	oldForm JFrame	patientId int
lblCancel JButton	txtAddress JTextArea	feedbackId int	listToUpdate JList
pnlCreatePrescription JPanel	txtRegister JButton		
scrMedicineList JScrollPane	txtCancel JButton		
lstPrescribedMedicines JList	frame JFrame		
frame JFrame	oldForm JFrame		
updatePrescriptionCreator UpdatePrescriptionCreator			
prepare(JFrame) void		updateParent() void	runForm(JFrame, JList) void
		removePendingFeedback() void	updateUserCombos() void

MainSecretary	CreateAdmin	ViewPatientHistory	RequestAppointment	CreateUser
pnlMainSecretary JPanel	txtPassword JPasswordField	lblViewPatientHistory JLabel	pnlRequestAppointment JPanel	lblCreateUser JLabel
btnLogout JButton	txtUsername JTextField	lblSelectPatient JLabel	lblAppointmentRequest JLabel	lblUserRole JLabel
btnApprove JButton	txtFullName JTextField	cmbSelectPatient JComboBox	btnRequest JButton	lblUsername JLabel
scrRequests JScrollPane	txtAddress JTextField	lblPrescriptions JLabel	btnCancel JButton	lblPassword JLabel
scrMedicines JScrollPane	btnCreate JButton	lblPastAppointments JLabel	chkChooseDoctor JCheckBox	lblFullName JLabel
btnDispense JButton	pnlStart JPanel	pnlViewPatientHistory JPanel	cmbChooseDoctor JComboBox	lblAddress JLabel
btnStock JButton	lblUsername JLabel	btnBack JButton	lblDoctor JLabel	txtUsername JTextField
btnAppointment JButton	lblPassword JLabel	scrPrescriptions JScrollPane	txtDateRangeEnd JTextField	txtFullName JTextField
btnRemovePatient JButton	lblFullName JLabel	scrPastAppointments JScrollPane	txtDateRangeStart JTextField	txtAddress JTextArea
lstAccountRequests JList	lblAddress JLabel	lstPrescriptions JList	lblStartDate JLabel	cmbRole JComboBox
lstMedicines JList	lblUsernameRequired JLabel	lstPastAppointments JList	lblEndDate JLabel	txtPassword JPasswordField
lblMedicines JLabel	lblPasswordRequired JLabel	frame JFrame	lblFormat1 JLabel	btnCreateUser JButton
lblAccountRequests JLabel	lblFullNameRequired JLabel		lblFormat2 JLabel	btnCancel JButton
frame JFrame	lblAddressRequired JLabel		frame JFrame	pnlCreateUser JPanel
oldForm JFrame	lblCreateAdmin JLabel			frame JFrame
updateLists() void	thisFrame JFrame	prepare(JFrame) void	updateUserCombos() void	
		updatePatientList() void		
		updatePatientHistory() void		

MainAdmin	ManageAppointmentRequests	RemoveUser	MainPatient	CreateFeedbackRequest
frame JFrame	pnlAppointmentRequests JPanel	lblRemoveUser JLabel	pnlMainPatient JPanel	pnlCreateFeedbackRequest JPanel
pnlAdmin JPanel	lblManageAppointmentRequests JLabel	btnRemoveUser JButton	btnLogout JButton	lblCreateFeedbackRequest JLabel
btnAddUser JButton	scrAppointmentRequests JScrollPane	btnCancel JButton	scrAppointment JScrollPane	cmbDoctor JComboBox
btnRemoveUser JButton	lstAppointmentRequests JList	lstUsers JList	lstAppointment JList	lblDoctor JLabel
btnLogout JButton	lblDate JLabel	pnlRemoveUser JPanel	lblAppointments JLabel	cmbRating JComboBox
btnCreateFeedback JButton	txtDate JTextField	scrUsers JScrollPane	btnViewPrescriptionsAndHistory JButton	lblNotes JLabel
lstPendingFeedback JList	btnConfirm JButton	frame JFrame	btnRequestAppointment JButton	lblRating JLabel
scrFeedback JScrollPane	btnCancel JButton	admin boolean	btnCreatePendingFeedback JButton	txtNotes JTextArea
lblPendingFeedback JLabel	lblAppointmentRequestList JLabel	secretary boolean	btnTerminate JButton	btnConfirm JButton
createUser CreateUser	frame JFrame	doctor boolean	frame JFrame	btnCancel JButton
removeUser RemoveUser	oldForm JFrame	patient boolean		frame JFrame
createFeedback CreateFeedback				
updateList() void	updateList() void	updateList() void	updateList() void	

CurrentUser

currentUser	User
userRole	IRole
getCurrentUser()	User
getRoleName()	String
getCommand(String)	ICommand
setCurrentUser(User)	void
clearCurrentUser()	void

StartForm

pnlStart	JPanel
lblLogin	JLabel
txtUsername	TextField
txtPassword	PasswordField
btnLogin	Button
lblUsername	JLabel
lblPassword	JLabel
btnRegister	Button
frame	JFrame
adminForm	MainAdmin
secretaryForm	MainSecretary
doctorForm	MainDoctor
patientForm	MainPatient
getFrame()	JFrame
main(String[])	void
initializeData()	void

MainDoctor

frame	JFrame
pnlDoctor	JPanel
btnLogout	Button
scrAppointment	ScrollPane
lstAppointment	JList
btnAddNotes	Button
btnViewHistory	Button
btnCreateAppointment	Button
btnCreatePrescription	Button
btnCreateMedicine	Button
lblAppointments	JLabel
addConsultationNotes	AddConsultationNotes
updateList()	void

AddConsultationNotes

frame	JFrame
panelAddNotes	JPanel
lblAddNotes	JLabel
txtAppointmentNotes	TextArea
btnCancel	Button
btnAddNotes	Button
appointmentId	int
updateNotes(int)	void