

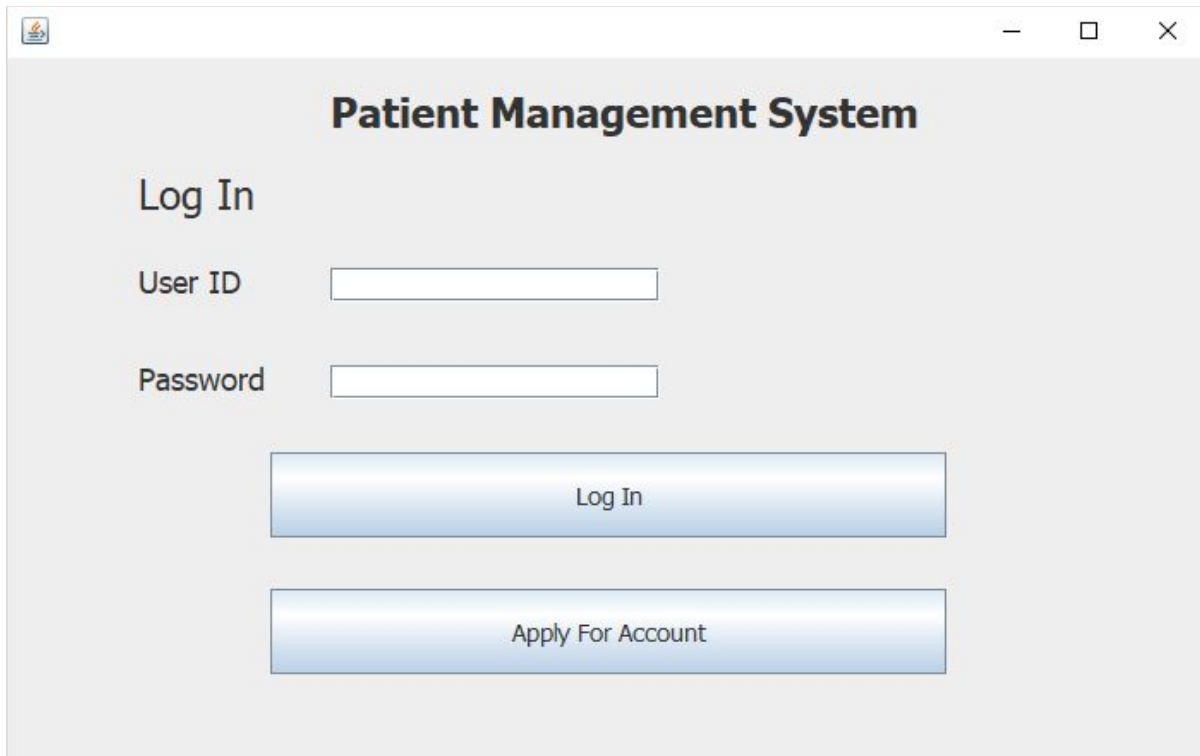
SOFT252 Coursework User Guide

Login Details for Existing Accounts

Name	Account Type	ID	Password
Kaira Warner	Admin	A0000	admin
Ryder Kelley	Secretary	S0001	secretary
Carlie Roman	Doctor	D0002	doctor
Byron Cooley	Doctor	D0003	password
Daniela Sharpe	Doctor	D0004	password
Kurtis Dudley	Patient	P0005	patient
Derrick Mathews	Patient	P0006	pass
Meg Key	Patient	P0007	1234

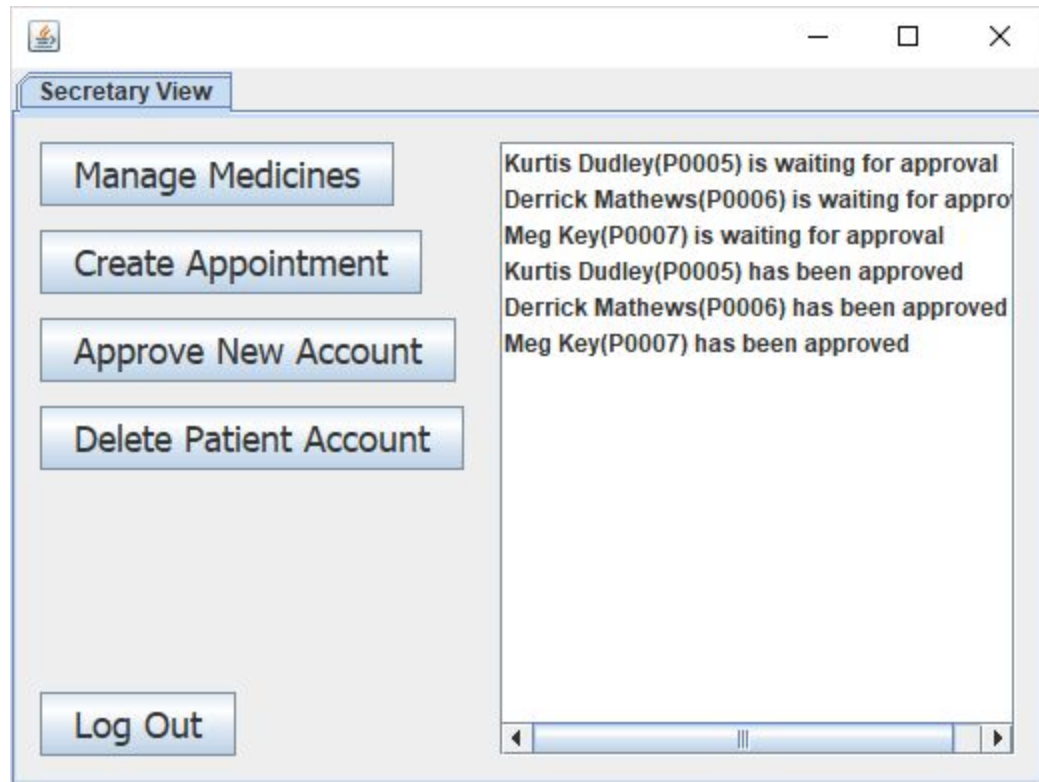
To run the program, open the projects classLib and PatientManagementSystem in NetBeans, then run the main method of class PatientManagementSystem in the project PatientManagementSystem

Upon opening the program, the login form will be displayed. You can login using the ID and password of the above users, or create a new patient account.

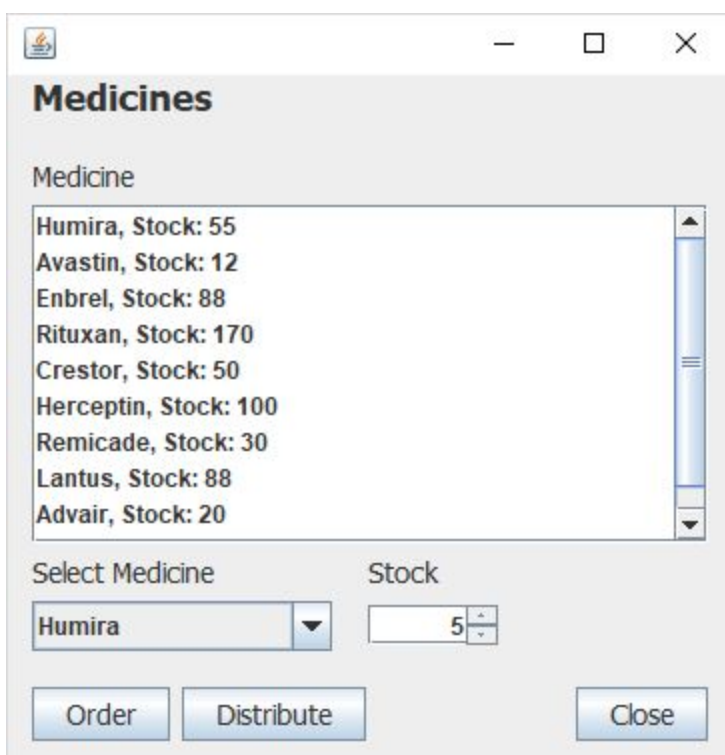


The screenshot shows a Java Swing window titled "Patient Management System". The window has a standard title bar with minimize, maximize, and close buttons. The main content area has a light gray background. At the top, the title "Patient Management System" is displayed in a bold, black, sans-serif font. Below the title, the text "Log In" is centered. Underneath, there are two labels, "User ID" and "Password", each followed by a white text input field. Below the input fields, there are two blue buttons with white text. The first button is labeled "Log In" and the second button is labeled "Apply For Account".

When creating a new patient account, the ID and password of the new account will be displayed, but the account will not be active until approved by a secretary. To do this, log in as a secretary, press the 'Approve New Account' button, and enter the ID of the pending account. The details of this account can be seen in the notification bar.

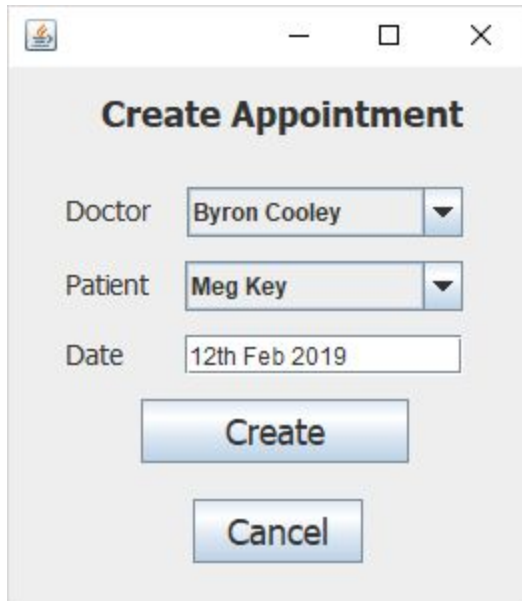


Pressing the 'Manage Medicines' button opens a UI allowing a secretary to dispense or order more of a medicine



The list of medicines and stock can be seen in the upper list box. To edit stock, select a medicine from the lower combo box, set the 'Stock' spinner to the desired value and either press 'Order' to add more medicine or 'Distribute' to remove. Press the 'Close' button to close this UI.

Pressing the 'Create Appointment' button allows appointments between doctors and patients to be created.



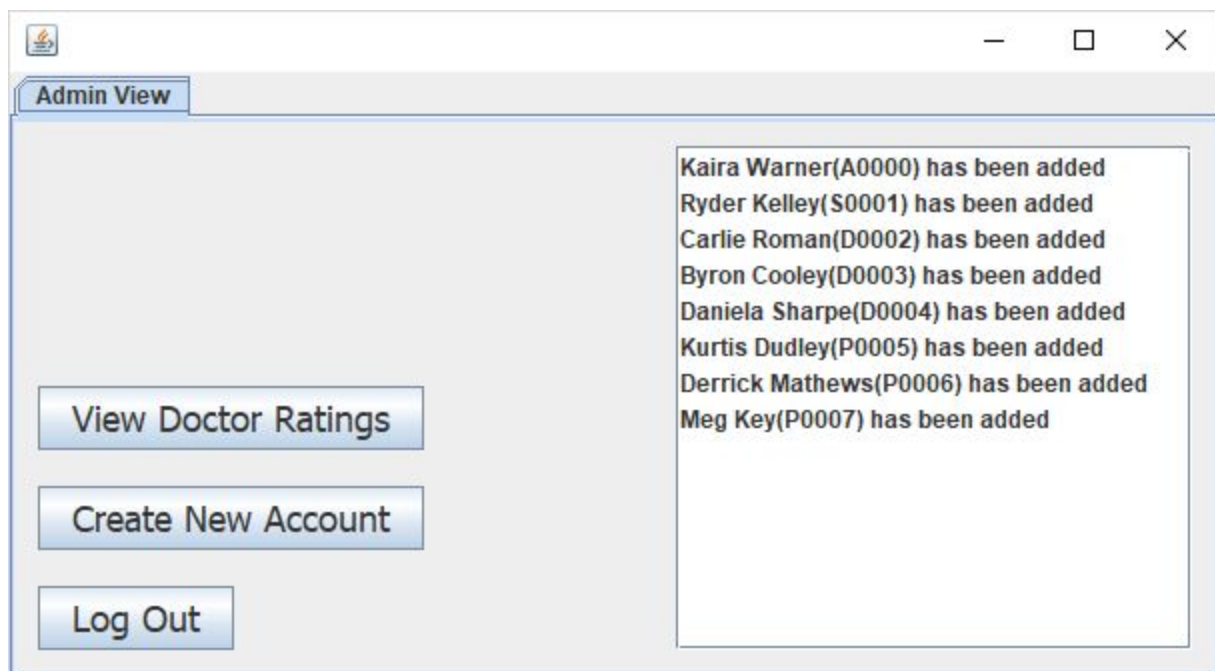
A dialog box titled "Create Appointment" with a standard Windows window frame (minimize, maximize, close buttons). It contains three input fields: "Doctor" with a dropdown menu showing "Byron Cooley", "Patient" with a dropdown menu showing "Meg Key", and "Date" with a text box containing "12th Feb 2019". Below these fields are two buttons: "Create" and "Cancel".

Select the doctor and patient using the combo boxes, enter the date of the appointment in the text box and press 'Create' to add the appointment. This will notify the relevant users.

Requests for account deletion will appear in the notifications list. To delete patient accounts, press the 'Delete Patient Account' button and type in the ID number of the target account. To log out, press the 'Log Out' button. This will return you to the first login screen.

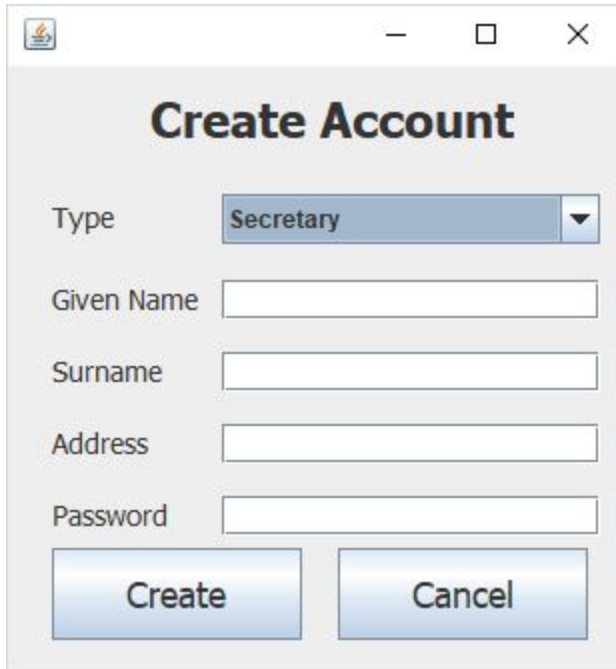
Admin View

After logging on as an admin using the correct login details, the following screen will be displayed:



The "Admin View" screen is a web application interface. It has a title bar with a logo and window controls. Below the title bar is a tab labeled "Admin View". The main content area is divided into two sections. On the left, there are three buttons: "View Doctor Ratings", "Create New Account", and "Log Out". On the right, there is a text box containing a list of notifications: "Kaira Warner(A0000) has been added", "Ryder Kelley(S0001) has been added", "Carlie Roman(D0002) has been added", "Byron Cooley(D0003) has been added", "Daniela Sharpe(D0004) has been added", "Kurtis Dudley(P0005) has been added", "Derrick Mathews(P0006) has been added", and "Meg Key(P0007) has been added".

Pressing 'Create New Account' will bring up the following form and allow the admin to create new Admins, Doctors, or Secretaries.

A screenshot of a web application window titled "Create Account". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. The form contains a "Type" dropdown menu with "Secretary" selected. Below this are four text input fields labeled "Given Name", "Surname", "Address", and "Password". At the bottom of the form are two buttons: "Create" and "Cancel".

User type can be selected using the combo box, then fill out all text boxes and press 'Create' to create the new user.

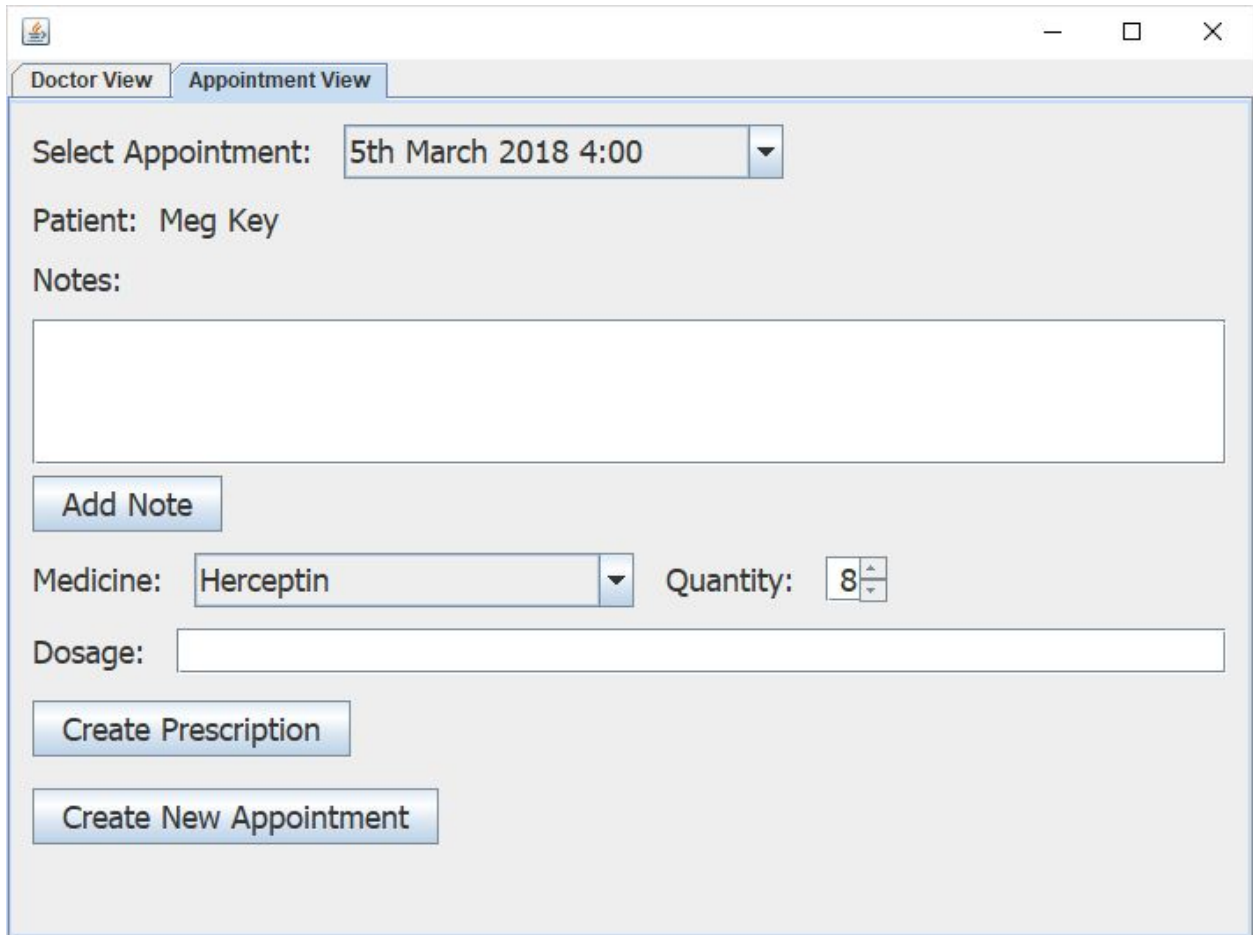
On the main Admin screen, pressing 'View Doctor Ratings' brings up a form to view and add reviews of each doctor:

A screenshot of a web application window titled "Doctor Ratings". The window has a standard Windows-style title bar. The form features a "Doctor:" dropdown menu with "Carlie Roman" selected. Below the dropdown is a large text area containing the text "Good Doctor". At the bottom of the form is a "Submit Review:" label followed by a text input field. Below the input field are three buttons: "Submit as Review", "Submit as Private Feedback", and "Close".

Selecting a doctor using the top combo box will display all public reviews for that doctor. A new review can be written in the text box labelled: 'Submit Review:'. Once text has been added, press 'Submit as Review' to add the public review to the list, or press 'Submit as Private Feedback' to send the review directly to the doctor as a notification. The functions related to doctor reviews are also available when logged in as a patient.

Doctor View

Doctors can add a new medicine by pressing the button 'Order New Medicine'. This brings up an input box to enter the name of the new medicine. Filling this out and continuing will create the new medicine. Navigating the the 'Appointment View' tab in the top left of the doctor view will allow the doctor to complete an appointment.



The screenshot shows a web application window titled "Doctor View" with a sub-tab "Appointment View". The interface includes a "Select Appointment:" dropdown menu showing "5th March 2018 4:00". Below this is a "Patient:" label followed by "Meg Key". A "Notes:" label is followed by a large empty text area. An "Add Note" button is positioned below the notes area. The "Medicine:" label is followed by a dropdown menu showing "Herceptin". The "Quantity:" label is followed by a spinner box showing the value "8". Below these is a "Dosage:" label followed by an empty text input field. At the bottom, there are two buttons: "Create Prescription" and "Create New Appointment".

The appointment can be selected using the combo box at the top of the screen. To add notes to the appointment, fill out the text box marked 'Notes' and press the 'Add Note' button. To create a prescription for the appointment, select a medicine and quantity, then fill out the 'Dosage' text box with instructions for consumption. Press the 'Create Prescription' button to hand the prescription over to the user.

Patient View

Logging in as a patient will display the following screen:

Patient View Appointment View

RequestAppointment

Doctor
Carlie Roman

Date

Doctor Reviews

Log Out

Request Account Deletion

Appointment granted with Carlie Roman at 4t

To request an appointment with a doctor, select them from the combo box marked 'Doctor', along with a suggested date in the text box below, then press the 'Request Appointment' button to notify a secretary of the request. Press the 'Request Account Deletion' button to notify a secretary to delete the patient's account. The appointment view allows the patient to view the details of an appointment as set by a doctor

Patient View Appointment View

Select Appointment: 5th March 2019 4:00

Doctor: Daniela Sharpe

Notes:

Re-prescribed patient

View Prescription

Press 'View Prescription' to view the prescription in more detail



Patient

Derrick Mathews

88 P Street

Male

25

Doctor

Daniela Sharpe

77 Doc Street

Notes

Re-prescribed patient

Prescription

Humira, Quantity x7, Dosage: Once a day for a week

Close