iCare

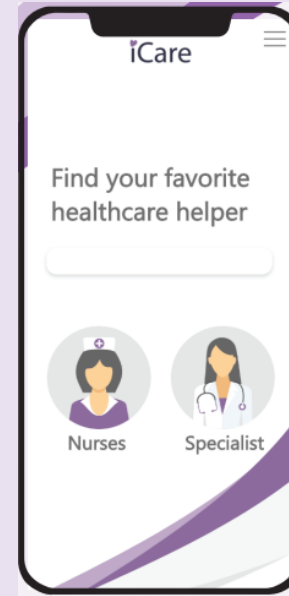Shuruq Baabdullah - Elaf Aloufi - Rahaf Dawoud - Manar Altaiary

Problem

Older adults, people with autism, or people with chronic illnesses need regular home healthcare or assistance with daily tasks for a specified period of time, hours, days, weeks, or other by a nurse or specialist.

Solution

An application that aims to assist a large population, such as the elderly, children, and people with disabilities, by requesting a nurse or specialized assistant to complete daily tasks for the user for hours or days.
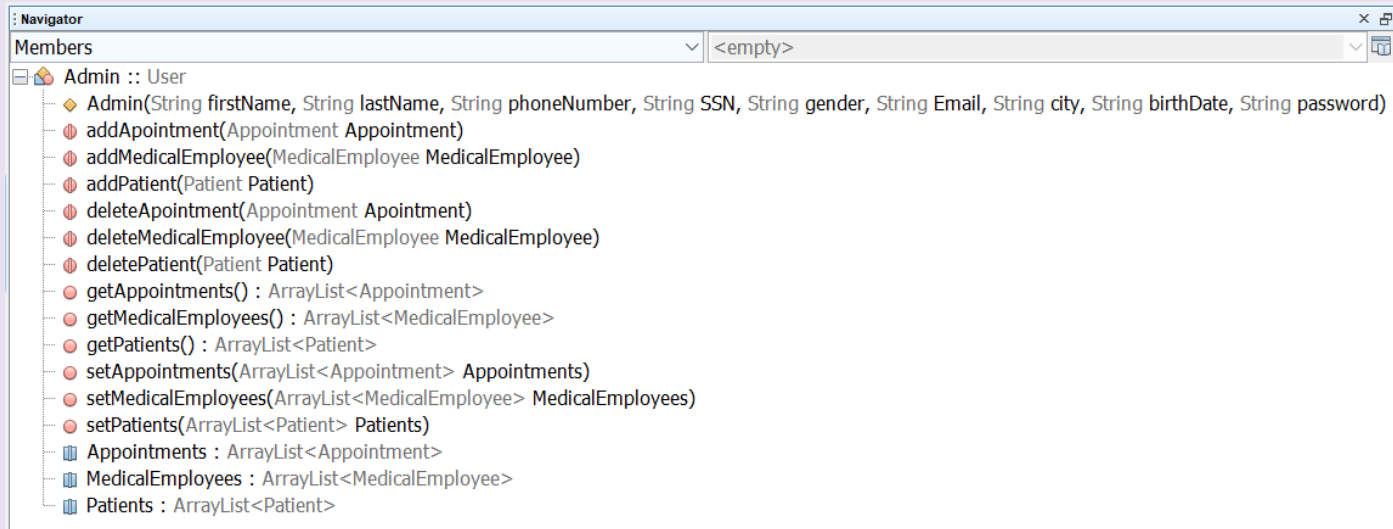
Classes

- Admin
- Application
- Appointment
- ClientHandelr
- DataBase
- ErrorMesagge
- MainApplicationWindow
- Signin

- MedicalEmployee
- Patient
- ServerChat
- User
- BurgerMenu
- ClientChat
- Home
- Login
- Thank_You

- Nurses
- newAppointment
- Nursesprofile
- PatientInfo
- Payment
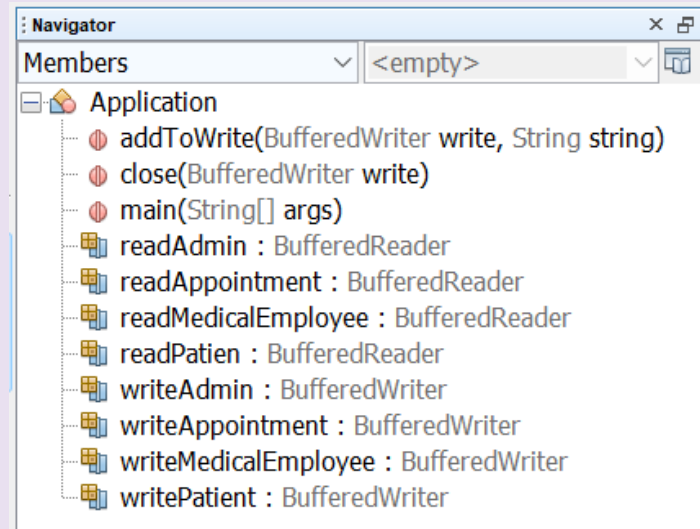- PysicalTherapy
- Specialists
- Start
- Support

Admin Class

To save object of application users and appointment in its array list and add them in array list or delete them.
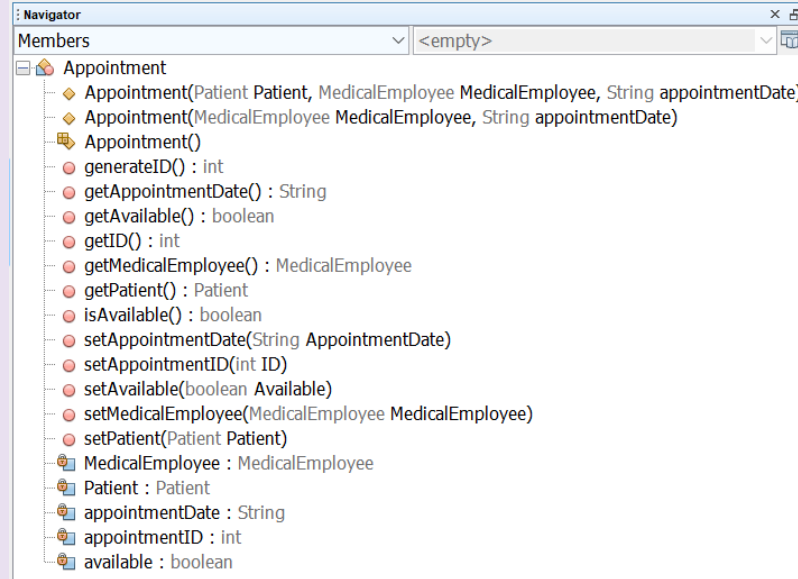
Application Class

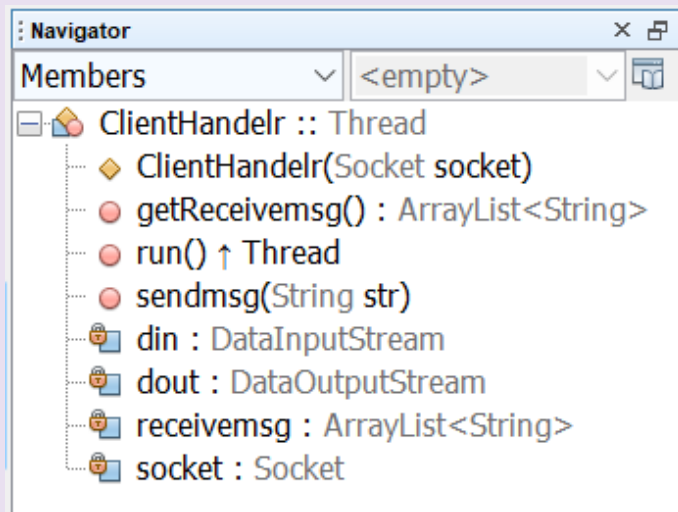The main class of project read users information from file and write there information in the file.

Appointment Class

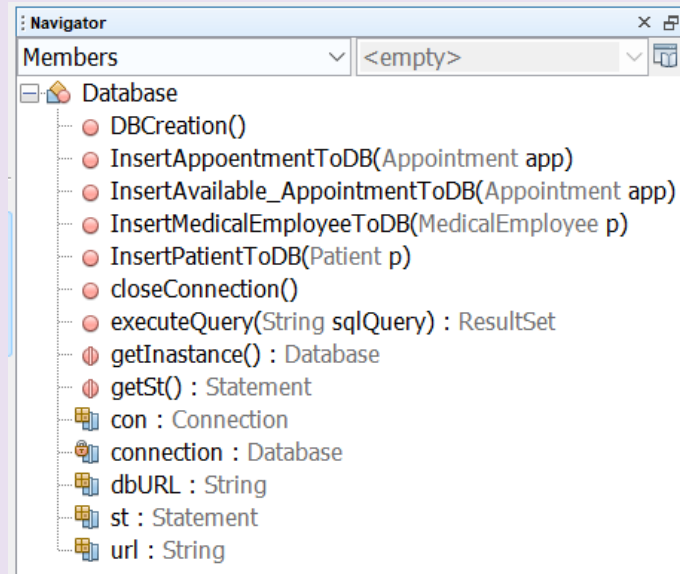To create appointment and deal with its information.

ClientHandelr Class

To make more than client can chatting in same time through Thread.
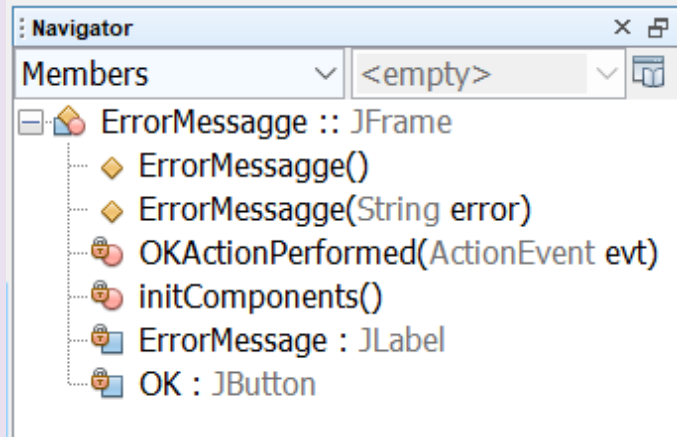
Database Class

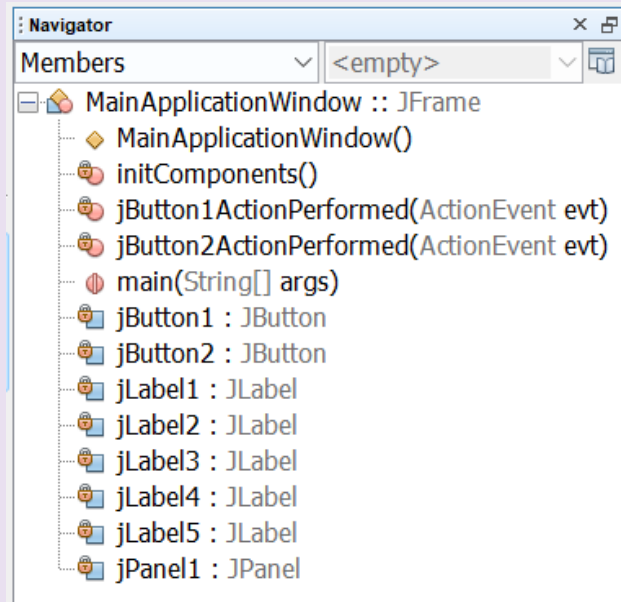To create Database of application and deal with its tables and its operations.

ErrorMessagge Class

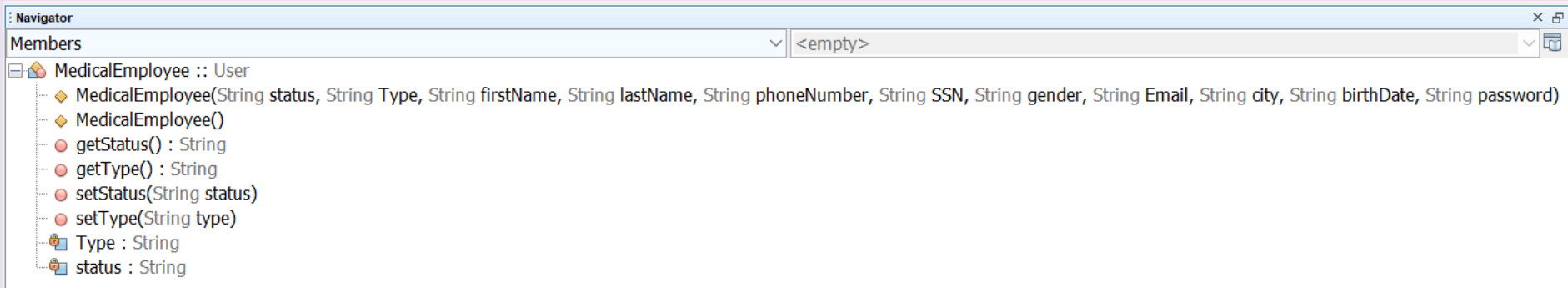The class that shows error message dialog if wrong action happened.

MainApplicationWindow Class
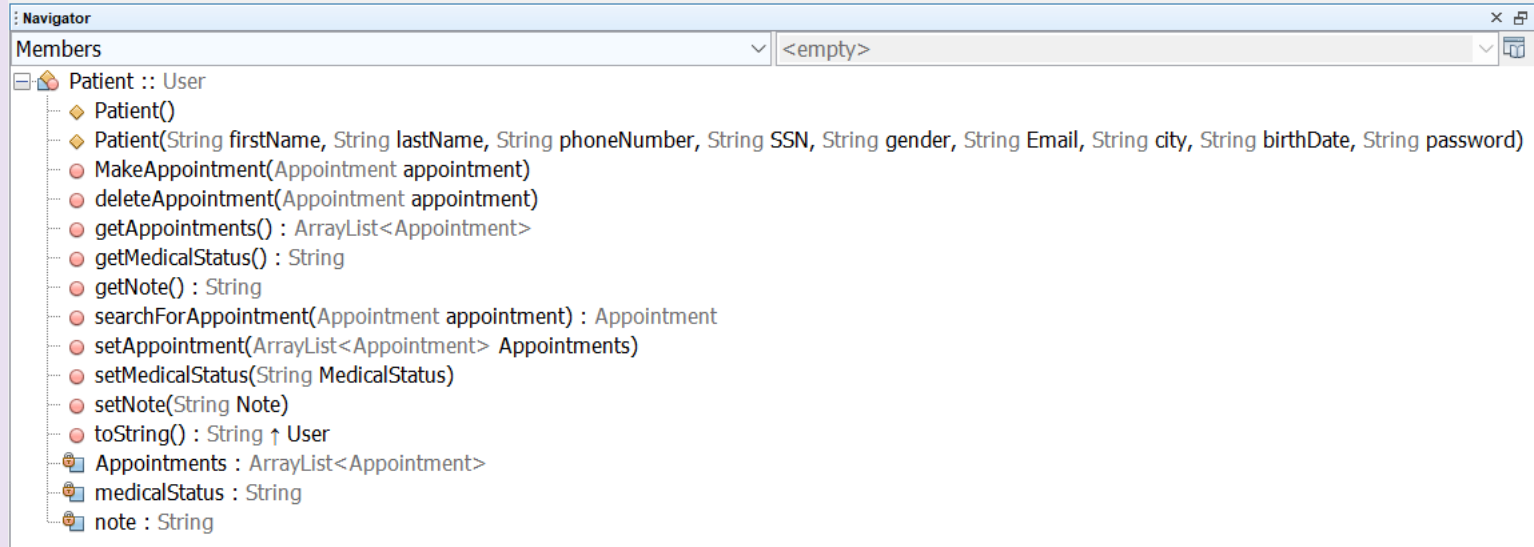
The start page of the application.

MedicalEmployee Class
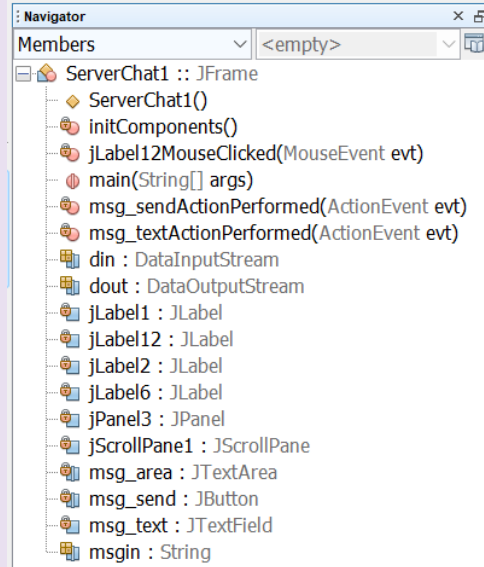
To deal with medical employee's information.

Navigator

Members | <empty>

- MedicalEmployee :: User
  - MedicalEmployee(String status, String Type, String firstName, String lastName, String phoneNumber, String SSN, String gender, String Email, String city, String birthDate, String password)
  - MedicalEmployee()
  - getStatus() : String
  - getType() : String
  - setStatus(String status)
  - setType(String type)
  - Type : String
  - status : String

Patient Class
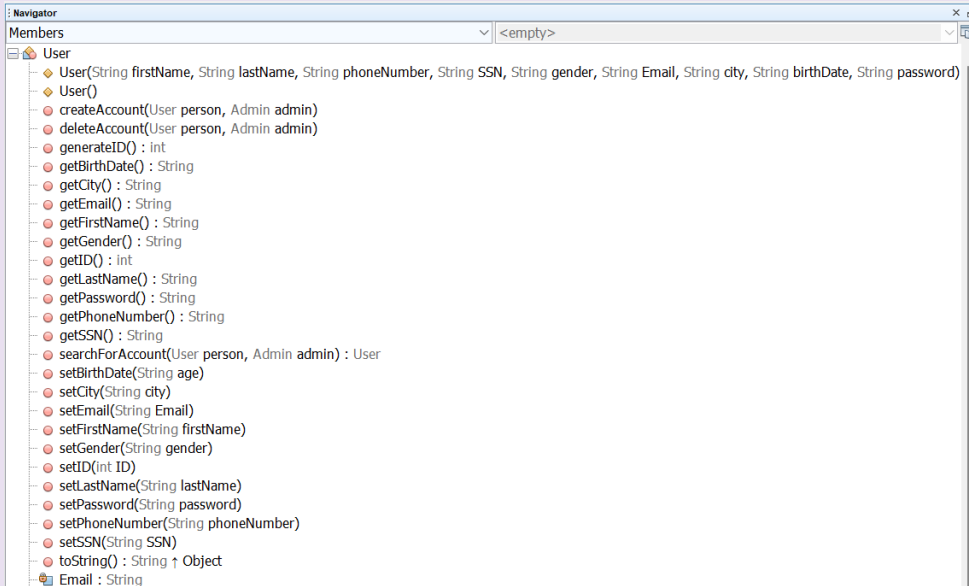
To deal with patient's information.

ServerChat1 Class

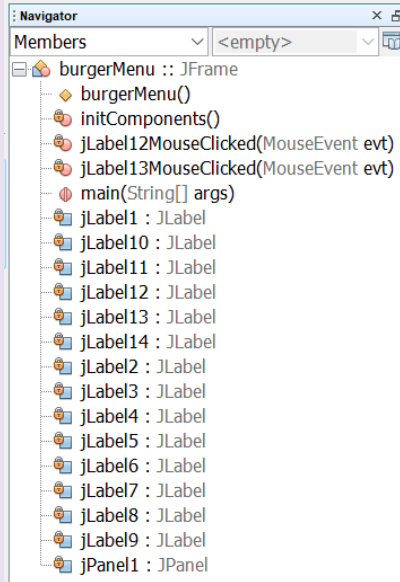To provide chatting service to users application.

User Class

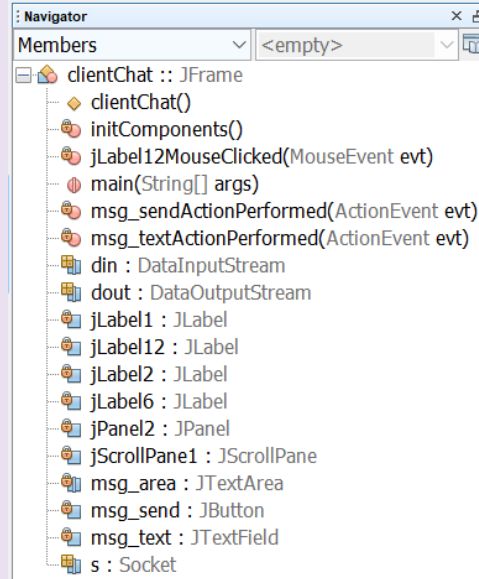To deal with the sheared information about all users of application.

burgerMenu Class

You can replace the image on the screen with your own
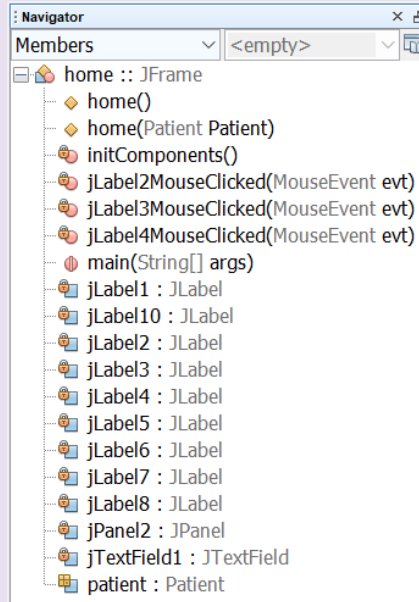
clientChat Class

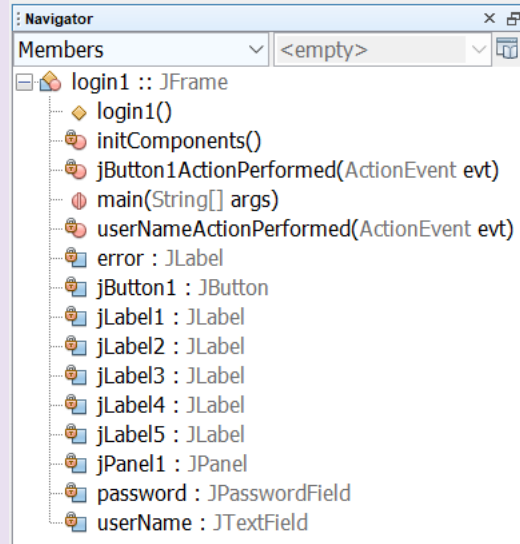The actual class that users chatting through it.

home Class

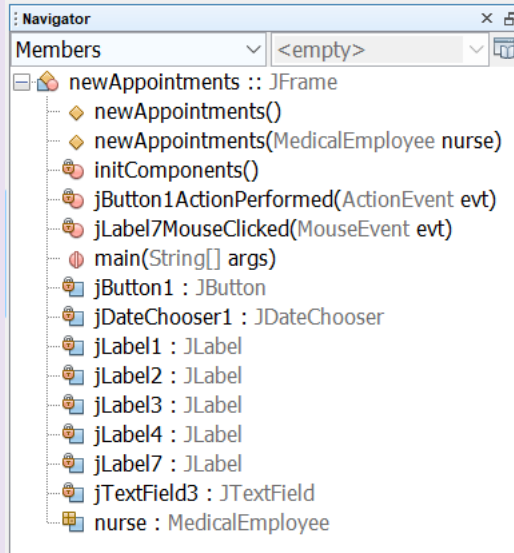You can replace the image on the screen with your own

login1 Class

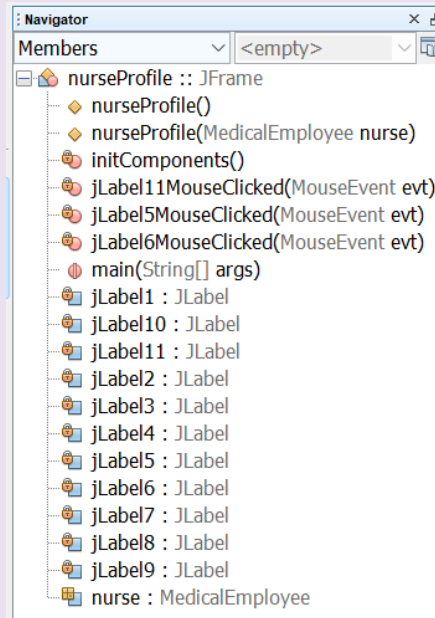Application interface that users can log in to application through it.

newAppointments Class

Medical employee and nurse can enter their available appointment date in application database.
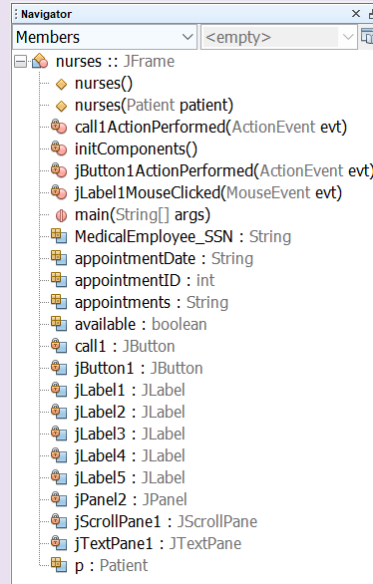
nurseProfile Class

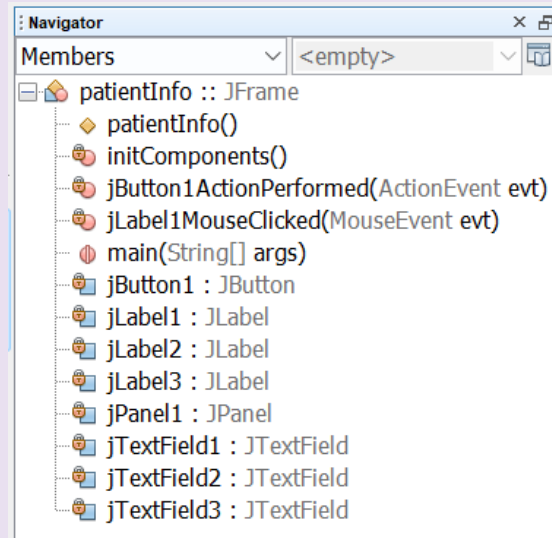Application interface that shows nurse name and their salary.

nurses Class

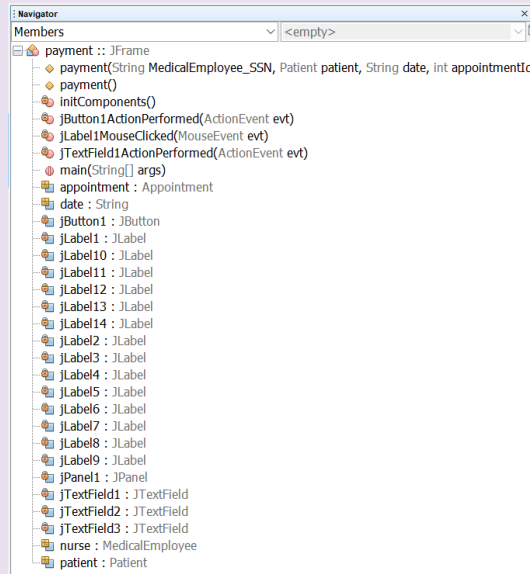To deal with nurse's information.

patientInfo Class

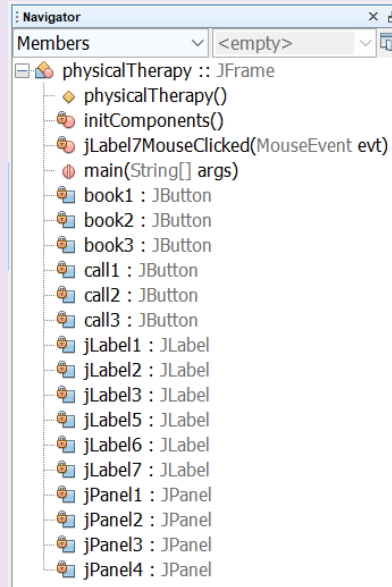This interface requires the patient to fill out their information for payment.

payment Class

This screen is to display the appointment details and requires to fill out the credit card information.
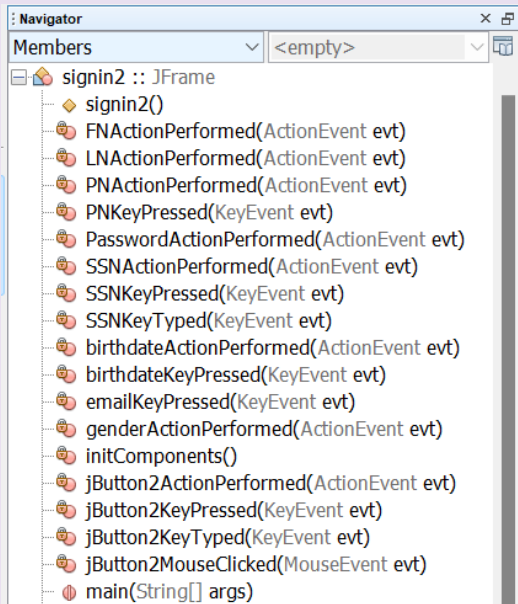
physicalTherapy Class

Screen that displays a list of the Physical Therapists for reservation and contact.

signin2 Class

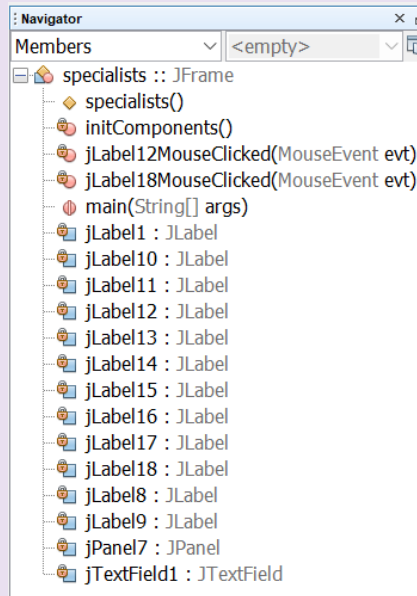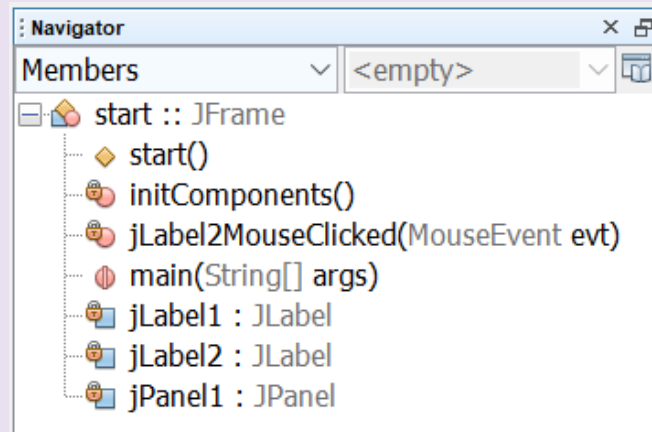Application interface that users can Sign in to application through it.

specialists Class

To search for the type of the specialist desired based on the type of care needed.
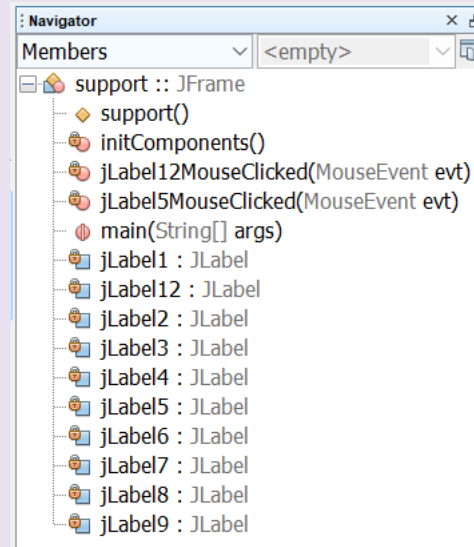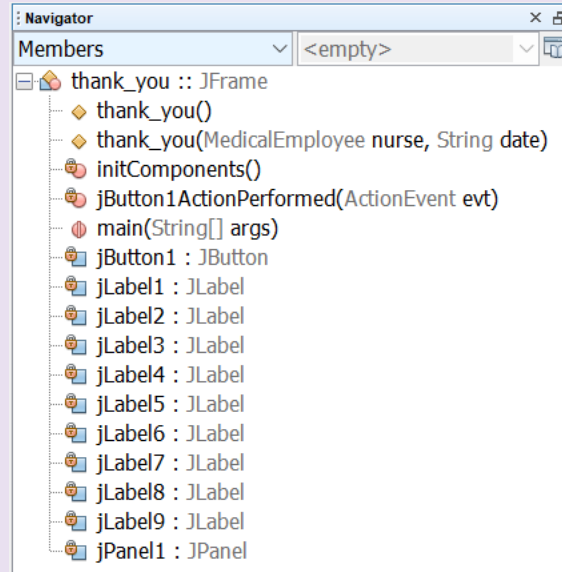
start Class

Splash screen.

support Class

Customer service screen.

thank_you Class

Appointment confirmation screen.

Members Contribution

Shuruq Baabdullah

- Application Class
- Appointment Class
- DataBase Class
- ErrorMesagge Class
- User Class
- Nurses Class
- newAppointment Class
- MedicalEmployee Class
- nursesprofile Class
- Payment Class

Elaf Aloufi

- Admin Class
- Appointment Class
- ClientHandelr Class
- Patient Class
- ServerChat Class
- ClientChat Class
- DataBase Class
- Nurses Class
- PatientInfo Class
- Payment Class

Members Contribution

Rahaf Dawoud

- MainApplicationWindow Class
- BurgerMenu Class
- Home Class
- Login Class
- Signin Class
- newAppointment Class
- PysicalTherapy Class
- Specialists Class
- Start Class
- Thank_You

Manar Altaiary

- Appointment Class
- ClientHandelr Class
- DataBase Class
- MedicalEmployee Class
- ServerChat Class
- ClientChat Class
- Nurses Class
- PatientInfo Class
- Payment Class
- Support Class