

XML Project 2 Report

In project 2, I extend project 1 by adding reservation ability.

Patient can make an appointment on another GUI which I made and send the appointment information to the Server.

I make the Doctor's GUI as the Server and build the connection by adding Java Socket API in it.

Most parts of Doctor's GUI is same as Project 1, the only change is I add a button for consult.

The screenshot shows a Java Swing window titled "Index Patients Setting". The "Patients" tab is selected. The window contains a list box on the left with the following items: aa, ff, gg, ee. Below the list box are three buttons: "Select", "Delete", and "Save". To the right of the list box are four text input fields labeled "Patient name", "SSN", "Address", and "Phone number". Below these fields is a "Consult" button. At the top right of the window is a "Clean" button.

If you press the consult button, another GUI we pop out. This GUI is for doctor to record the information in the appointment.

A screenshot of a GUI window with a light gray background. At the top right is an "Exit" button. On the left is a list box containing three dates: "2017/6/10", "2017/6/12" (which is highlighted in blue), and "2017/6/15". To the right of the list box are three labels: "Date", "Note", and "Prescription". Each label is followed by a text input field. The "Date" field contains "2017/6/12", the "Note" field contains "test", and the "Prescription" field contains "test". At the bottom of the window are two buttons: "Select" and "Finish".

All the appointment time will be sort and display by date. Once you choose the date, Information will come out and the date won't be able to be modified.

The Patient GUI, as a Client, is very simple, patients who want to make an appointment, just filled the information and choose a data then press the reservation button.

A screenshot of a GUI window titled "Appointment". It has a light gray background. At the top, there are two input fields: "Your Name" and "Your SSN". Below these is a horizontal line. Under the line is the text "Informations of Doctor you want to make an appointment". Below this text are two input fields: "First Name" and "Last Name". At the bottom, there is a "Date" label followed by a date input field containing "2017/06/18" and a small dropdown arrow. Below the date field is a "Reservation" button.

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Server is running
A client has connected
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Server is running
A client has connected
We got a reservation from Mr.adam, whose SSN is 1234567.
Would like to make an appointment with Dr.11,11 at 2017/06/22
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Because of some time issue, my project isn't finished. However, I still tried to make things as good as I can. My XML writing code is broke although it work in project 1. Maybe I will figure out why it can't work in this project in this summer if