

**PROJECT:** Appointment System

**SECTION:** SE116/Section3

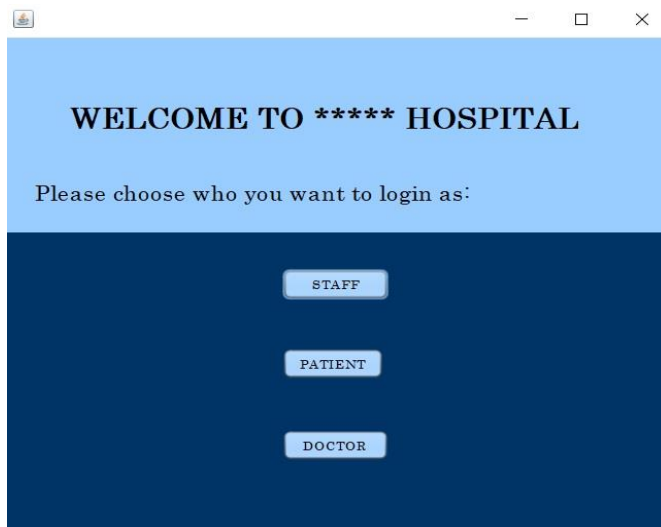
**GROUP MEMBERS:** Buse ÖZEL and Gizem KILIÇ

**THE AIM OF THE SYSTEM:**

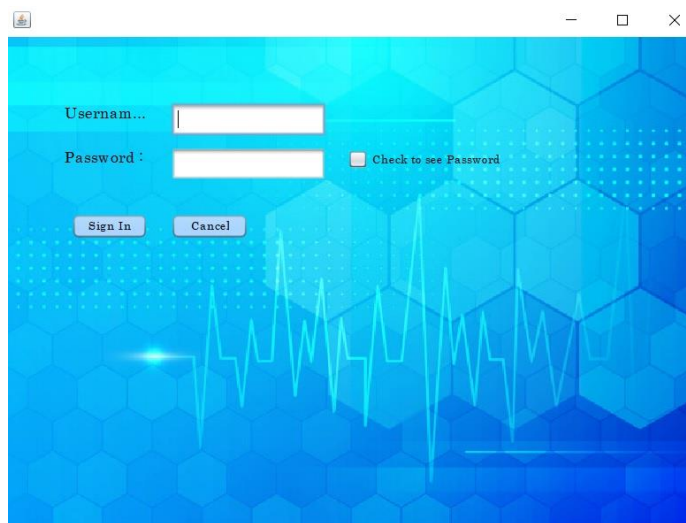
The purpose of our dental appointment information system we have developed is to make the transactions they will perform for the hospital staff and patients who will use this system easy and efficient. This system has 3 main menus consisting of staff, patient, and doctor entries. When we enter the "staff menu", we see that it requests username and password; if we do not enter this information correctly, the system will not let us in, but if we enter it correctly, we will see 3 options. The first option is to see the patient's information if there is a newly made patient record. The second option is to see information about staff, their working positions, salaries and working hours by weekly or hourly employees. The third option is to see the work schedule of the staff. Employees that has logged in to the system can log out by pressing the "cancel" button. When entered the "patient menu" from the 3 main menus mentioned at the beginning, we see two options. The first is the place where patients can see their doctors' information to make their appointment more comfortable. The other is where they enter their personal and contact information to create an appointment. If necessary, the patient can be contacted by using this information. Finally, when we enter the "doctor menu" from the 3 main menus, we see that it requests username and password like the staff menu; If we do not enter this information correctly, the system will not let us in, but if we enter it correctly, we will see 3 options. The first option is where doctors can see the work schedule. The second option is to see the patients' information if there is a newly made patient record like in the staff menu. The third and last option is to change the patients' information or add a new patient record. Doctors that logged in to the system can log out by pressing the "cancel" button.

## HOSPITAL APPOINTMENT SYSTEM:

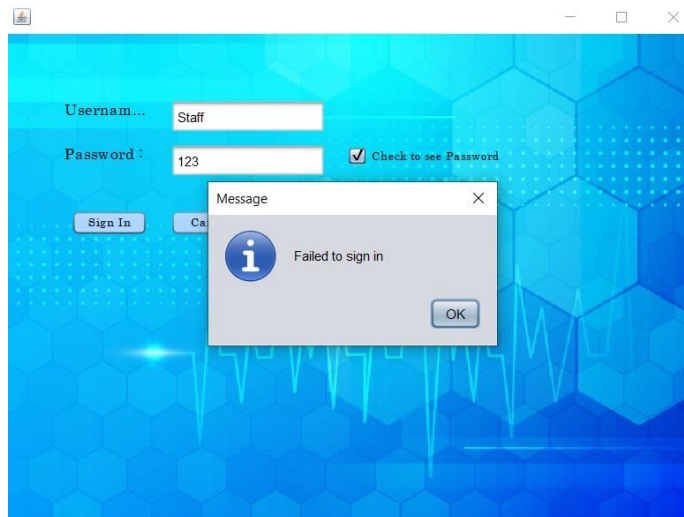
-----Main menu-----



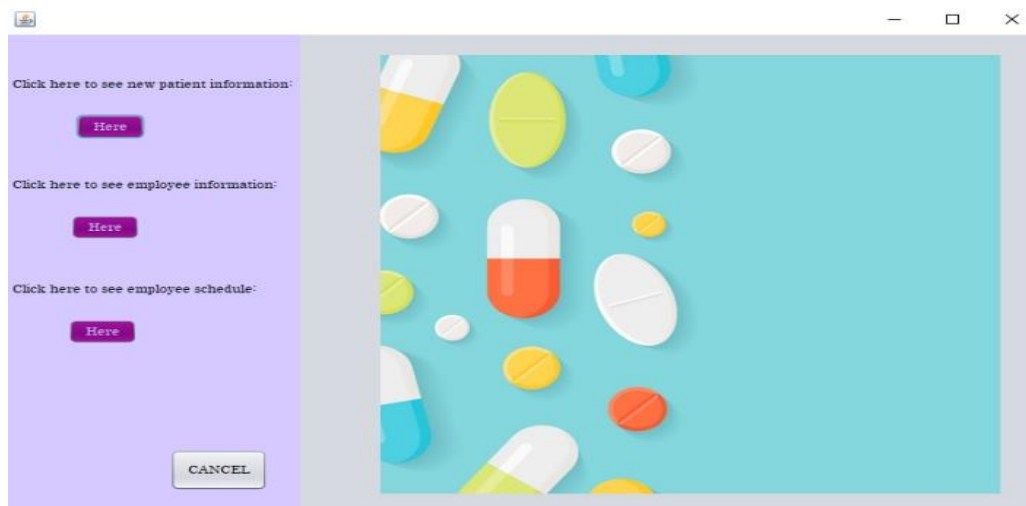
A) When we select the staff menu;



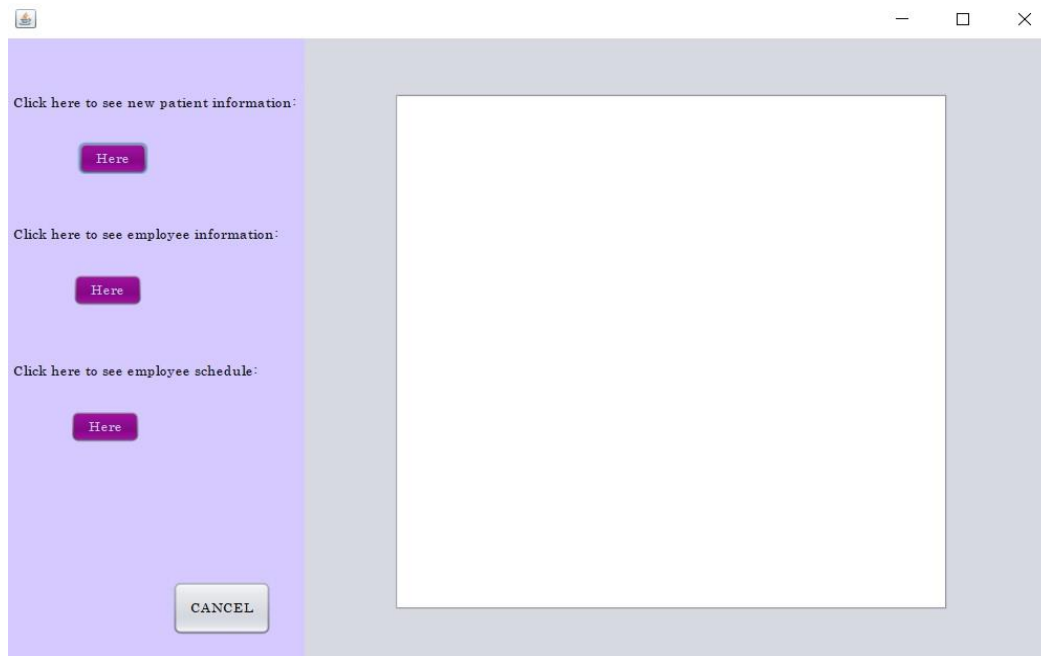
→if we enter the username and password incorrectly, we will receive a warning message



→when we get right, we have 3 options



A,1) If we choose the first option; if there is a new patient record, we can see it by deserialization the "patients.ser" (We tried to get the output on JTextArea but couldn't so the output is on console)



```
INFORMATION OF THE PATIENT
The patient ID: 5
Full name: buse özel
Age: 20
The patient's disturbance: canal treatment for posterior tooth
The patient's contact information
Phone number: 56487932
E-mail address: buseozel@gmail.com
```

➔ And if we don't have a new patient the output will be:

```
File not found
```

A,2) If we choose the second option, we can access the information of the employees. (We used two JTables because abstract class employees IS-A relationship with salaried and hourly employees. Thus overridden printInfo method (which is in an interface) prints out all of the employees that are present.)

Click here to see new patient information

Here

Click here to see employee information:

Here

Click here to see employee schedule

Here

CANCEL

**Salaried Employees**

Full Name	Gender	Age	Position	Weekly Salary
Elif Ölmez	Female	29	Nurse	750.94
Hüseyin Yatır	Male	41	Nurse	810.1
Ayşe Öksüz	Female	35	Nurse	790.65

**Hourly Employees**

Full Name	Gender	Age	Position	Wage	Hours
Kadir Uilm...	Male	36	Cleaning st...	16.75	36.0
Neslihan İn...	Female	21	Intern	13.9	19.0
Suna Dur...	Female	47	Cleaning st...	19.23	40.0

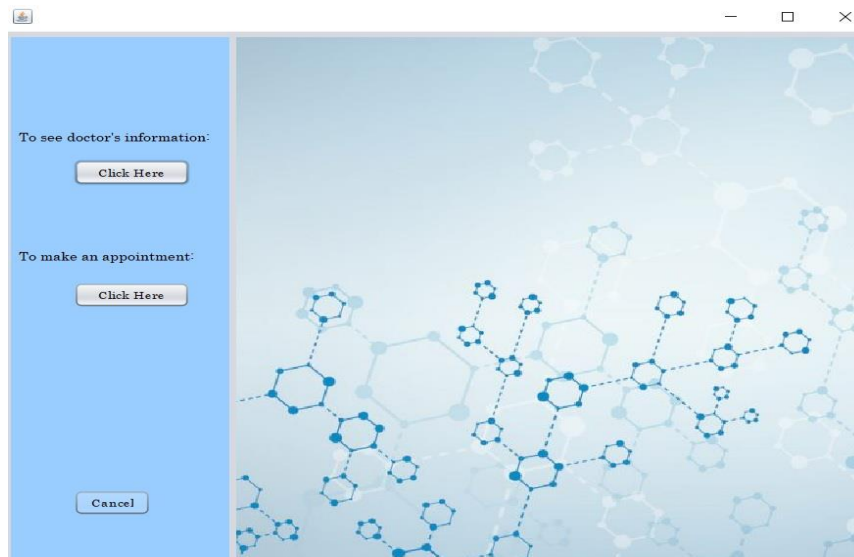
INFORMATION OF THE EMPLOYEE  
First name: Elif Ölmez  
Gender: Female  
Age: 29  
Employee's position: Nurse  
Weekly salary: 750.94

INFORMATION OF THE EMPLOYEE  
First name: Hüseyin Yatır  
Gender: Male  
Age: 41  
Employee's position: Nurse  
Weekly salary: 810.1

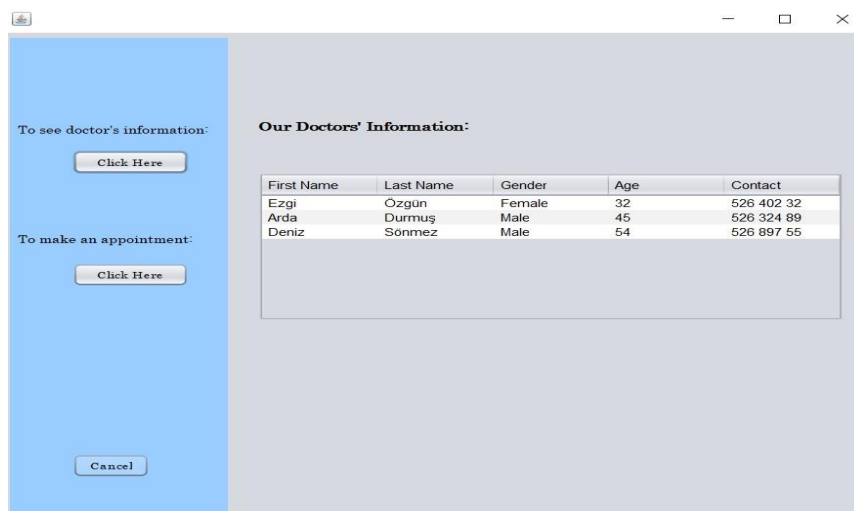
A,3) If we choose the third option, we can see the working schedule of the employees with an Excel file opened

	A	B	C	D	E	F	G	H	I	J	K	L	M
1		VARDİYA TAKVİMİ											
2		PAZARTESİ											
3		Hafta: TARİH Bölüm Adı: BÖLÜM											
4		Çalışan Adı	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	Hastalık izni?	TOPLAM
5		Deniz A	yönetici	yönetici	yönetici	yönetici	yönetici	yönetici	yönetici	yönetici	yönetici		9
6		Abdullah K		kasiyer	kasiyer	kasiyer	kasiyer						4
7		Ali Y		ön büro	ön büro	ön büro	ön büro	ön büro	ön büro	ön büro			7
8		Engin O		ön büro	ön büro	ön büro	ön büro	ön büro	ön büro	ön büro			7
9		Faruk G											0
10		Pınar K						kasiyer	kasiyer	kasiyer	kasiyer		4

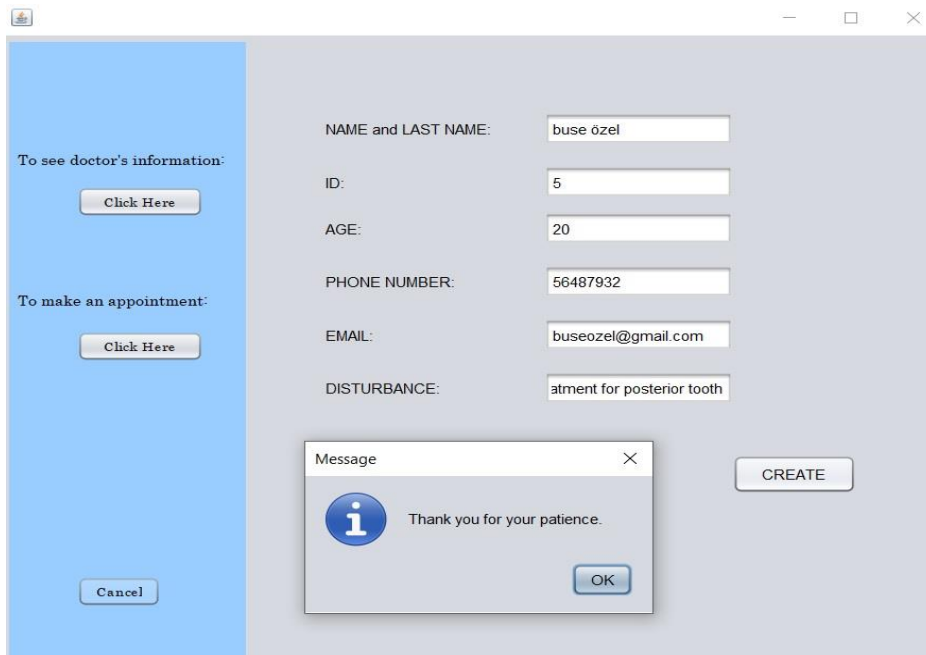
B) When we select the patient menu, we see 2 options directly;



B,1) If we choose the first option, we see the doctor information (We used an ArrayList of doctors)



B,2) If we choose the second option, we see the information that the patient needs to enter in order to create an appointment, and when we enter the patient information and click on the "create" button, we see a notification that the record has been taken. (This data gets serialized as "patients.ser")

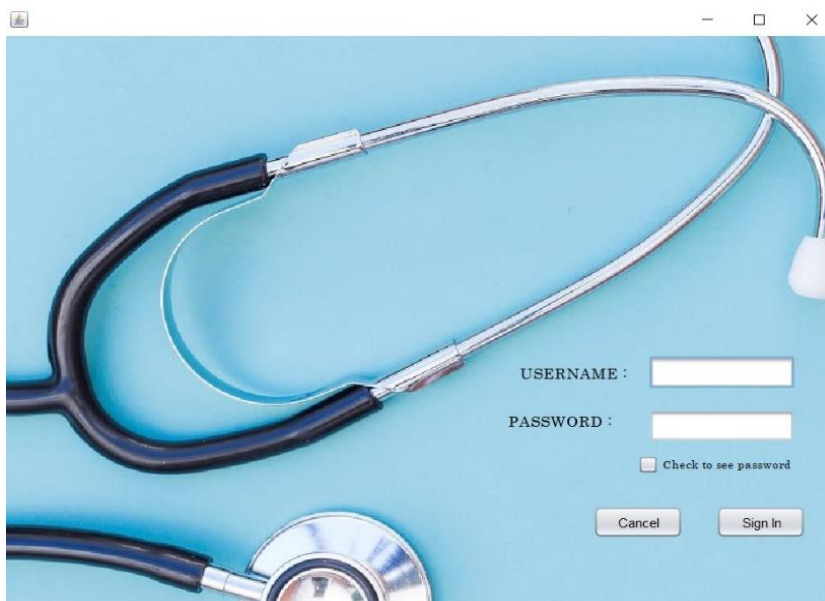


The screenshot shows a web application window with a light blue sidebar on the left and a white main content area. The sidebar contains two links: "To see doctor's information:" with a "Click Here" button, and "To make an appointment:" with a "Click Here" button. At the bottom of the sidebar is a "Cancel" button. The main content area contains a form for creating an appointment. The form fields are: "NAME and LAST NAME:" (buse özel), "ID:" (5), "AGE:" (20), "PHONE NUMBER:" (56487932), "EMAIL:" (buseozel@gmail.com), and "DISTURBANCE:" (atment for posterior tooth). A "CREATE" button is located at the bottom right of the form. A modal message box is open in the center, titled "Message", with an information icon and the text "Thank you for your patience." and an "OK" button.

NAME and LAST NAME:	buse özel
ID:	5
AGE:	20
PHONE NUMBER:	56487932
EMAIL:	buseozel@gmail.com
DISTURBANCE:	atment for posterior tooth

Message  
Thank you for your patience.  
OK

C) When we select the doctor menu;



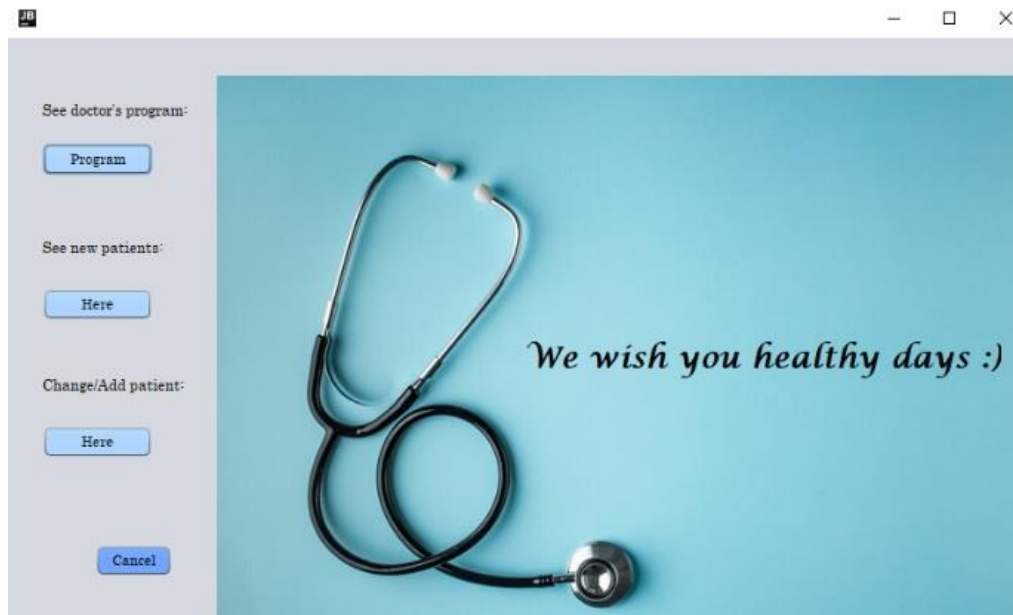
The screenshot shows a web application window with a light blue background featuring a stethoscope. The login form is located in the bottom right corner. It includes fields for "USERNAME:" and "PASSWORD:", a checkbox labeled "Check to see password", and "Cancel" and "Sign In" buttons.

USERNAME :	
PASSWORD :	
<input type="checkbox"/> Check to see password	

Cancel Sign In



➔ If we enter the username and password correctly, we will see 3 options

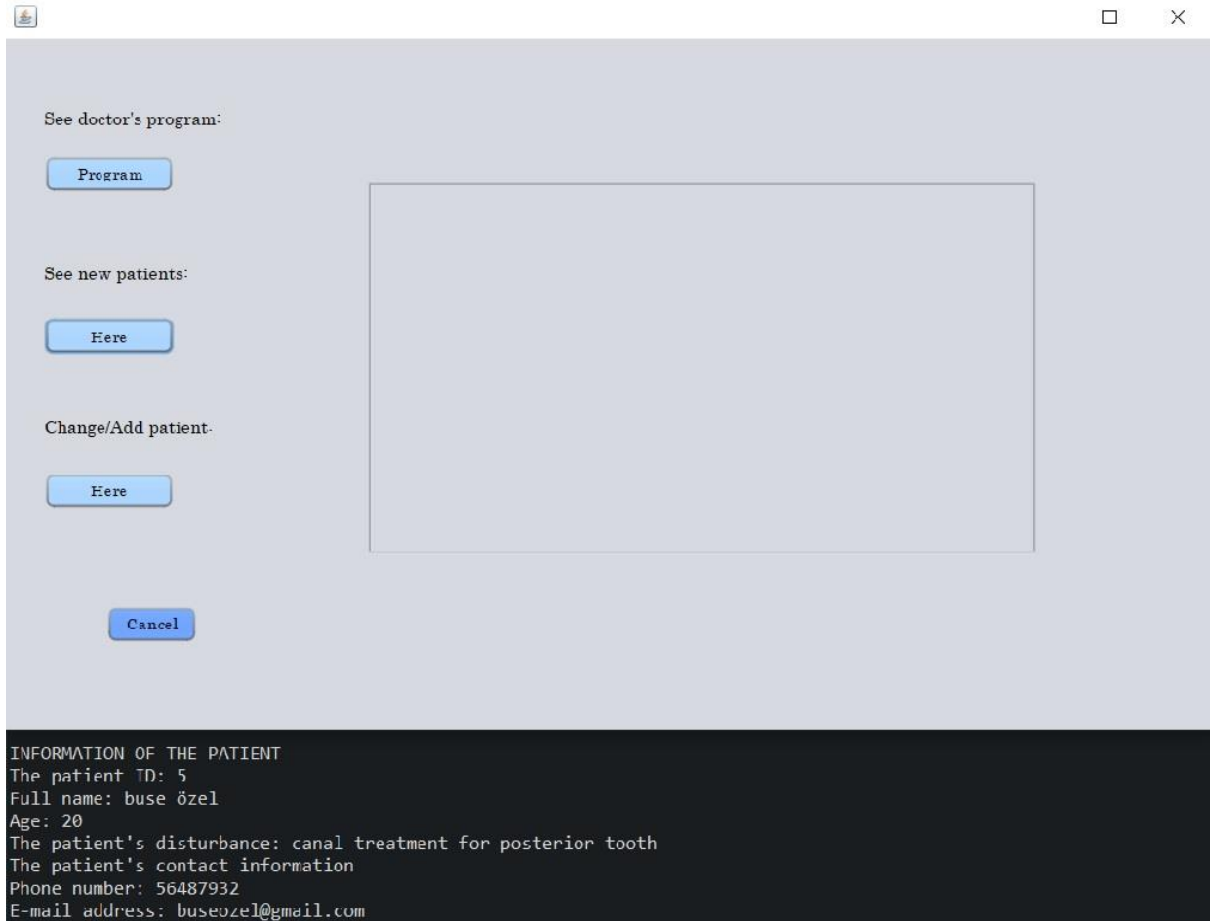


C,1) If we choose the first option, we will see the work schedule of doctors with an Excel file opened

	A	B	C	D	E	F
1	Dahiliye Kliniği MAYIS 2020 Nöbet Listesi					
2	SERVİS		YOĞUN BAKIM	POLİKLİNİK	POLİKLİNİK 2	NÖBET
3			Dr. Ümit KAN			Dr. Tahir Belice
4			Dr. Melissa Akyıldız			Dr. Bülent Alkan
5			Dr. İsmail Demir			Dr. Cansu A. Mutlu
6	Dr. Öznur BENEK	Dr. Hamide Şengül	Dr. Ümit KAN	Dr. Hakan Doğan	Dr. Caner Felekoğlu	Dr. İsmail Demir
7	Dr. Güliden Çalışkan	Dr. Arif Yüksel	Dr. Melissa Akyıldız	Dr. Hakan Doğan	Dr. Ayhan Kılıç	Dr. İller Bozacı
8	Dr. Ayhan Kılıç	Dr. Metin Akıncılar	Dr. İsmail Demir	Dr. Öznur BENEK	Dr. Caner Felekoğlu	Dr. Hamide Şengül
9	Dr. Tahir Belice	Dr. Öznur BENEK	Dr. Ümit KAN	Dr. Güliden Çalışkan	Dr. Caner Felekoğlu	Dr. Tahir Belice
10	Dr. Hamide Şengül	Dr. Güliden Çalışkan	Dr. Melissa Akyıldız	Dr. Hakan Doğan	Dr. Metin Akıncılar	Dr. Güliden Çalışkan
11			Dr. İsmail Demir			Dr. Hamide Şengül
12			Dr. Ümit KAN			Dr. Ayhan Kılıç
13	Dr. Ayhan Kılıç	Dr. Metin Akıncılar	Dr. Melissa Akyıldız	Dr. Hakan Doğan	Dr. Caner Felekoğlu	Dr. Cansu A. Mutlu
14	Dr. Tahir Belice	Dr. Hamide Şengül	Dr. İsmail Demir	Dr. Metin Akıncılar	Dr. Caner Felekoğlu	Dr. Tahir Belice
15	Dr. Sibel Çavdar	Dr. Güliden Çalışkan	Dr. Ümit KAN	Dr. Hakan Doğan	Dr. Hamide Şengül	Dr. Sibel Çavdar
16	Dr. Ayhan Kılıç	Dr. Metin Akıncılar	Dr. Melissa Akyıldız	Dr. Hakan Doğan	Dr. Tahir Belice	Dr. Melissa Akyıldız
17	Dr. Sibel Çavdar	Dr. Güliden Çalışkan	Dr. İsmail Demir	Dr. Metin Akıncılar	Dr. Caner Felekoğlu	Dr. Cansu A. Mutlu
18			Dr. Ümit KAN			Dr. Ümit KAN
19			Dr. Melissa Akyıldız			Dr. İsmail Demir
20	Dr. Öznur BENEK	Dr. Hamide Şengül	Dr. İsmail Demir	Dr. Tahir Belice	Dr. Metin Akıncılar	Dr. Sibel Çavdar
21			Dr. Ümit KAN			Dr. Öznur BENEK
22	Dr. Sibel Çavdar	Dr. Güliden Çalışkan	Dr. Melissa Akyıldız	Dr. Hamide Şengül	Dr. Tahir Belice	Dr. Ümmügülüm Keskin
23	Dr. Öznur BENEK	Dr. Hamide Şengül	Dr. İsmail Demir	Dr. Hakan Doğan	Dr. Caner Felekoğlu	Dr. Ayhan Kılıç
24	Dr. Tahir Belice	Dr. Güliden Çalışkan	Dr. Ümit KAN	Dr. Metin Akıncılar	Dr. Caner Felekoğlu	Dr. Ümit KAN
25			Dr. Melissa Akyıldız			Dr. Melissa Akyıldız
26			Dr. İsmail Demir			Dr. Güliden Çalışkan
27			Dr. Ümit KAN			Dr. Ümmügülüm Keskin
28			Dr. Melissa Akyıldız			Dr. Mete Kara
29	Dr. Tahir Belice	Dr. Ayhan Kılıç	Dr. İsmail Demir	Dr. Hakan Doğan	Dr. Caner Felekoğlu	Dr. Ayhan Kılıç
30	Dr. Öznur BENEK	Dr. Hamide Şengül	Dr. Ümit KAN	Dr. Hakan Doğan	Dr. Caner Felekoğlu	Dr. Öznur BENEK
31	Dr. Güliden Çalışkan	Dr. Metin Akıncılar	Dr. Melissa Akyıldız	Dr. Hakan Doğan	Dr. Caner Felekoğlu	Dr. Melissa Akyıldız
32			Dr. İsmail Demir			Dr. Ayhan Kılıç
33			Dr. Ümit KAN			Dr. Sibel Çavdar



C,2) If we choose the second option; if there is a new patient record, we can see it (Again, this time we tried to get the output on the jTable but the output is on the console... again.)



See doctor's program:

Program

See new patients:

Here

Change/Add patient:

Here

Cancel

INFORMATION OF THE PATIENT  
The patient ID: 5  
Full name: buse özel  
Age: 20  
The patient's disturbance: canal treatment for posterior tooth  
The patient's contact information  
Phone number: 56487932  
E-mail address: buseozel@gmail.com

C,3) If we choose the third option, we can change patient information or save a new patient with a Word file opened.

EK-4

Hastane/Kurum  
Amblemi

..... HASTANESİ BAŞHEKİMLİĞİ/  
..... MESUL MÜDÜRLÜĞÜ/  
..... İLİ ..... TOPLUM SAĞLIĞI MERKEZİ ..... AİLE  
HEKİMLİĞİ DİRİMİ

Seçme Enstitüsü  
Büroları için  
Rakorluk  
Amblemi

**İSTİRAHAT RAPORU**

**BAŞVURU SAHİBİNİN:**

Adı-Soyadı:	T.C. Kimlik No:
Baba Adı:	Muayene Tarihi:
Doğum Tarihi:	Poliklinik/Servis:
Sosyal Güvencesi/ Kurumu:	Online Protokol No:
Sicil No:	Rapor Tarihi:
Tel:	Rapor No:
Adres:	

ICD KODU VE TANILAR:

\*

**KARAR :**  
  
..... den ..... tarihine kadar istirahatidir. .... tarihinde;  
☐ çalışır.  
☐ kontrol önerilir.

AÇIKLAMA

\*\*

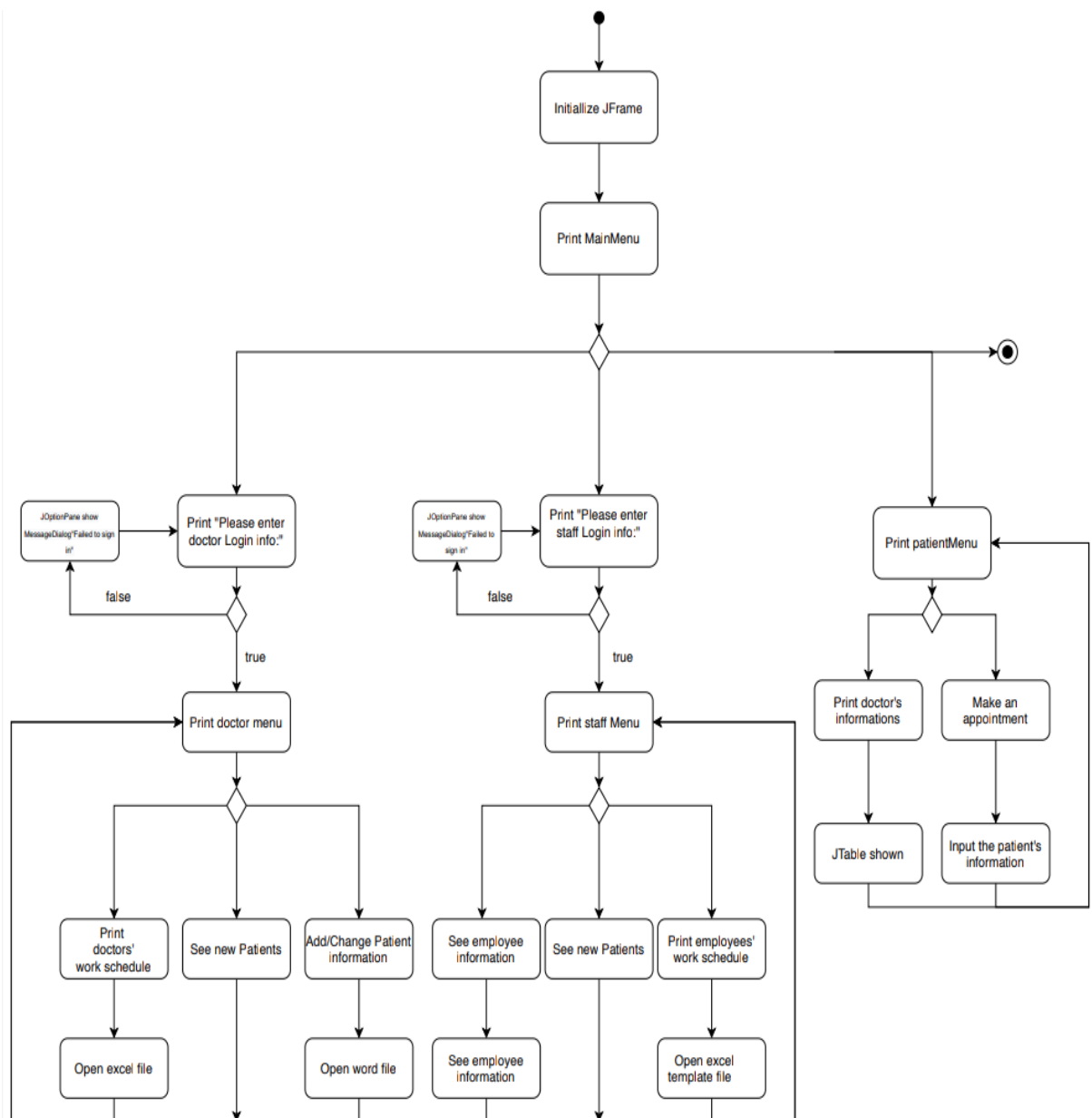
HEKİM-KAŞE-İMZA

HEKİM-KAŞE-İMZA

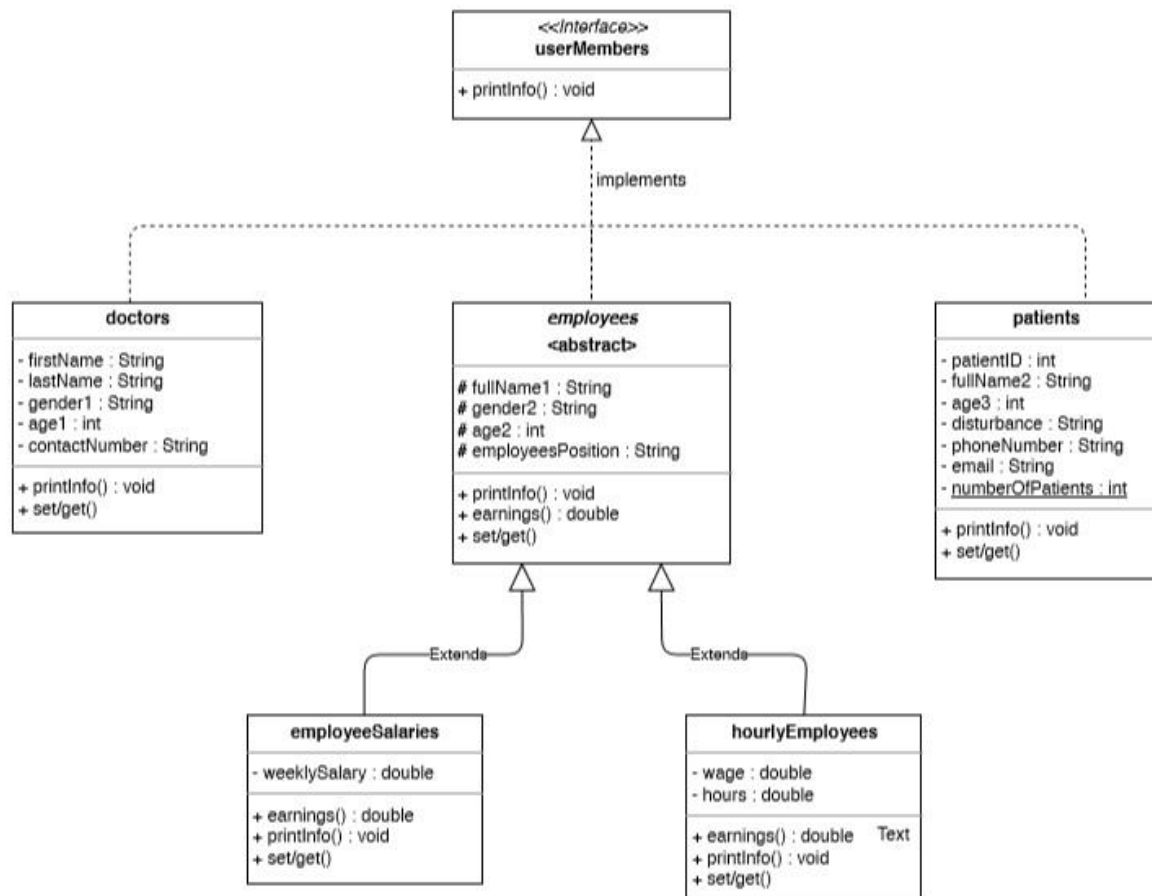
HEKİM-KAŞE-İMZA

**Açıklama:**  
\* Memurlara tek hekim raporu ile bir defada en çok on gün rapor verilebilir. Raporda kontrol muayenesi öngörülüyü ise kontrol muayenesi sonrasında tek hekim tarafından en çok on gün daha rapor verilebilir.  
\*\*Tek hekimle düzenlenecek raporlarda bir hekimin kaşe ve imzası yeterli kabul edilecektir.

## UML ACTIVITY DIAGRAM:



## CLASS DIAGRAM:



## VIDEO:

<https://u.pcloud.link/publink/show?code=XZLrIqkZSI45LrBwjiVlc1kFbPxG07g3Q7TX>