

**PROJECT:** Appointment System

**SECTION:** SE116/Section3

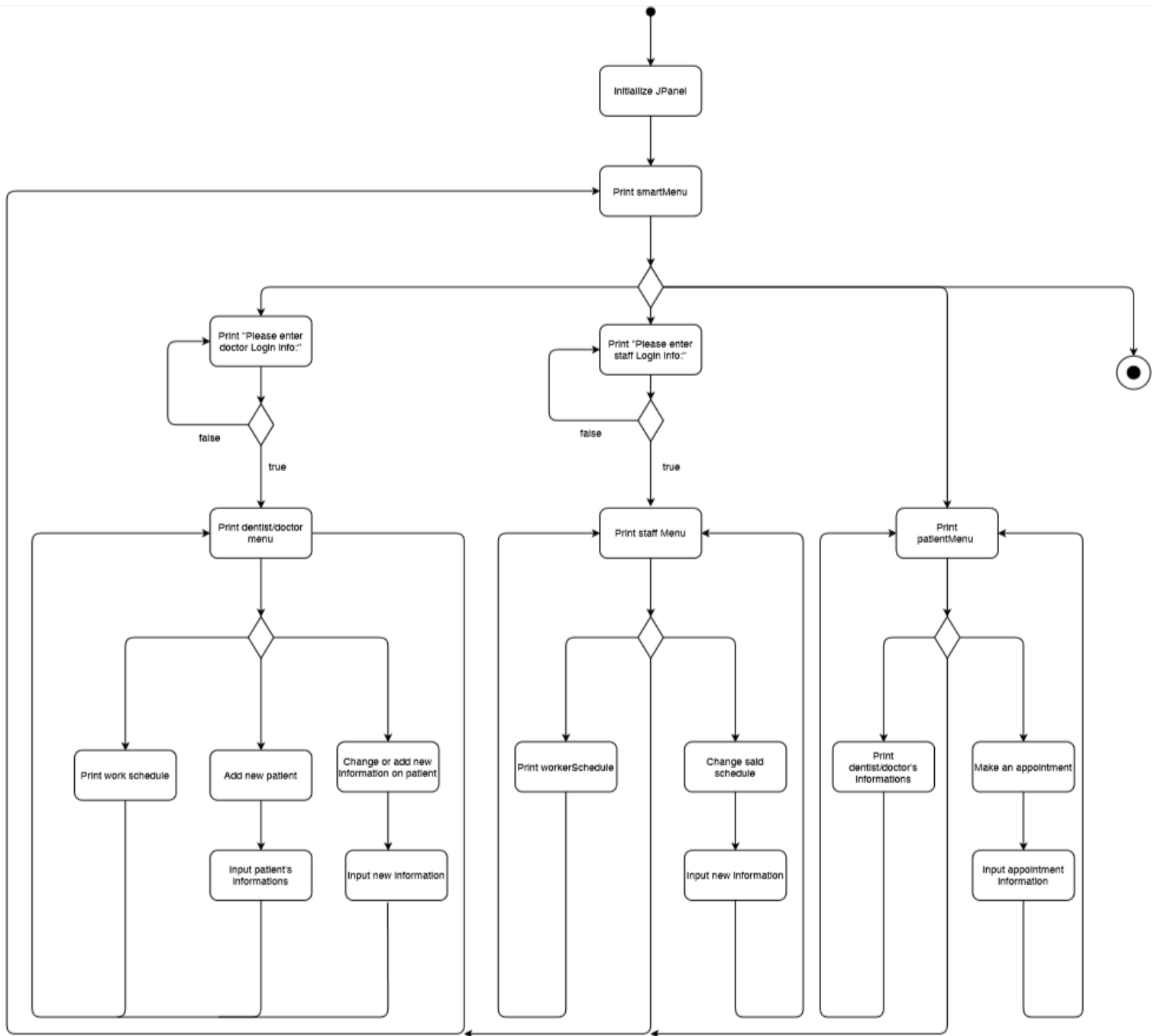
**GROUP MEMBERS:** Buse ÖZEL and Gizem KILIÇ

**THE AIM OF THE SYSTEM:**

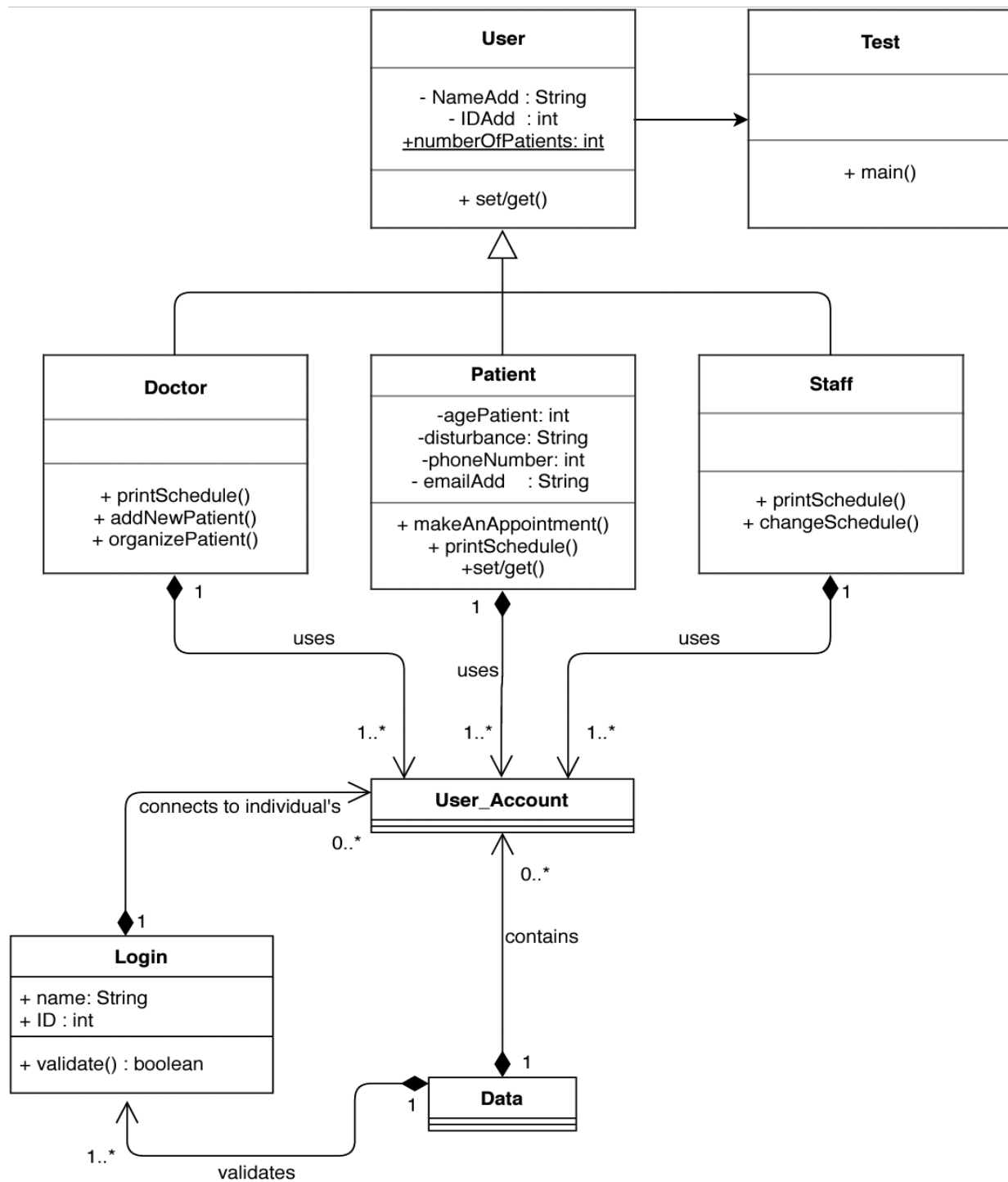
The purpose of our dental appointment information system that we have developed is to make the appointment requests easier and more efficient. This system has 3 main menus. The first is to create the patient's appointment request. The patient who enters can access the information of the doctor he / she wants to be examined and can make an appointment by sharing his / her own information. In addition, by sharing the contact information with the help of an assistant, this patient is contacted and an appropriate appointment date is created. The entries of the second and third menus are encrypted. Because only doctors and staff can reach here. A doctor who wants to enter his own menu must enter the password and username correctly. If it does not enter correctly, it will not be taken into the system. The doctor who enters can access the information of his incoming patient and see what complaint the patient came with. In addition, after examining, it can renew the patient's information. In addition, the doctor can see the work schedule from this menu. On the other hand, the staff who enter the third menu, their password and user name correctly, can see their work schedule and make changes to them.

The following pages include the UML activity diagram, class diagram, and pseudo code of the project.

## UML ACTIVITY DIAGRAM:



## CLASS DIAGRAM:



## PSEUDO CODE:

START

get function smartMenu

get function doctorMenu

get function staffMenu

get function patientMenu

smartMenu:

```
{  
    print "what do you want to do?"  
    set int a  
    scan int to: a  
    switch(a)  
    case 1:go to function doctorMenu  
    break  
    case 2:go to function staffMenu  
    break  
    case 3:go to function patientMenu  
    break  
    default:go to function smartMenu  
}
```

doctorMenu:

```
{  
    String x=A123  
    print "enter user name and password"  
    set String b  
    scan String to:b  
    if b==x
```

```

    print "login successful"

    else

    print "try again"

        end if

    print "what do you want to do?"

    set int c

    scan int to:c

    switch(c)

    case 1:print work schedule

    break

    case 2:

    print "add new patient"

    get patient information from user

    break

    case 3:

    print "change or add new information on patient"

    get new information from user

    break

    default:go to function doctorMenu

    }

```

staffMenu:

```

{

    String y=B12

    print "enter user name and password"

    set String d

    scan String to:d

```

```

if d==y
print "login successful"
else
print "try again"
    end if
print "what do you want to do?"
set int e
scan int to:e
switch(e)
case 1:print worker schedule
break
case 2:
print "change said schedule"
get new information from user
break
case 3:got to function smartMenu
break
default:go to function staffMenu
}

```

patientMenu:

```

{
print "what do you want to do?"
set int f
scan int to: f
switch(f)
case 1: print doctor's information

```

```
break
```

```
case 2:
```

```
print "make an appointment"
```

```
get appointment information from user
```

```
break
```

```
case 3:go to function smartMenu
```

```
default:go to function patientMenu
```

```
}
```

```
END
```