Title

Doctor management program.

Background

N/A

Program Specifications

Write a program to manage the doctor information below:

Display the menu:

1. Add Doctor

2. View all doctor information.

3. Exit.

A doctor include Code(String), Name(String), Specialization(String), Availability(int).

-   If the user chooses 1 then add one record to data (a doctor for one time) including Code(String), Name(String), Specialization(String), Availability(int).

-   If user chooses 2: show information of all doctor.

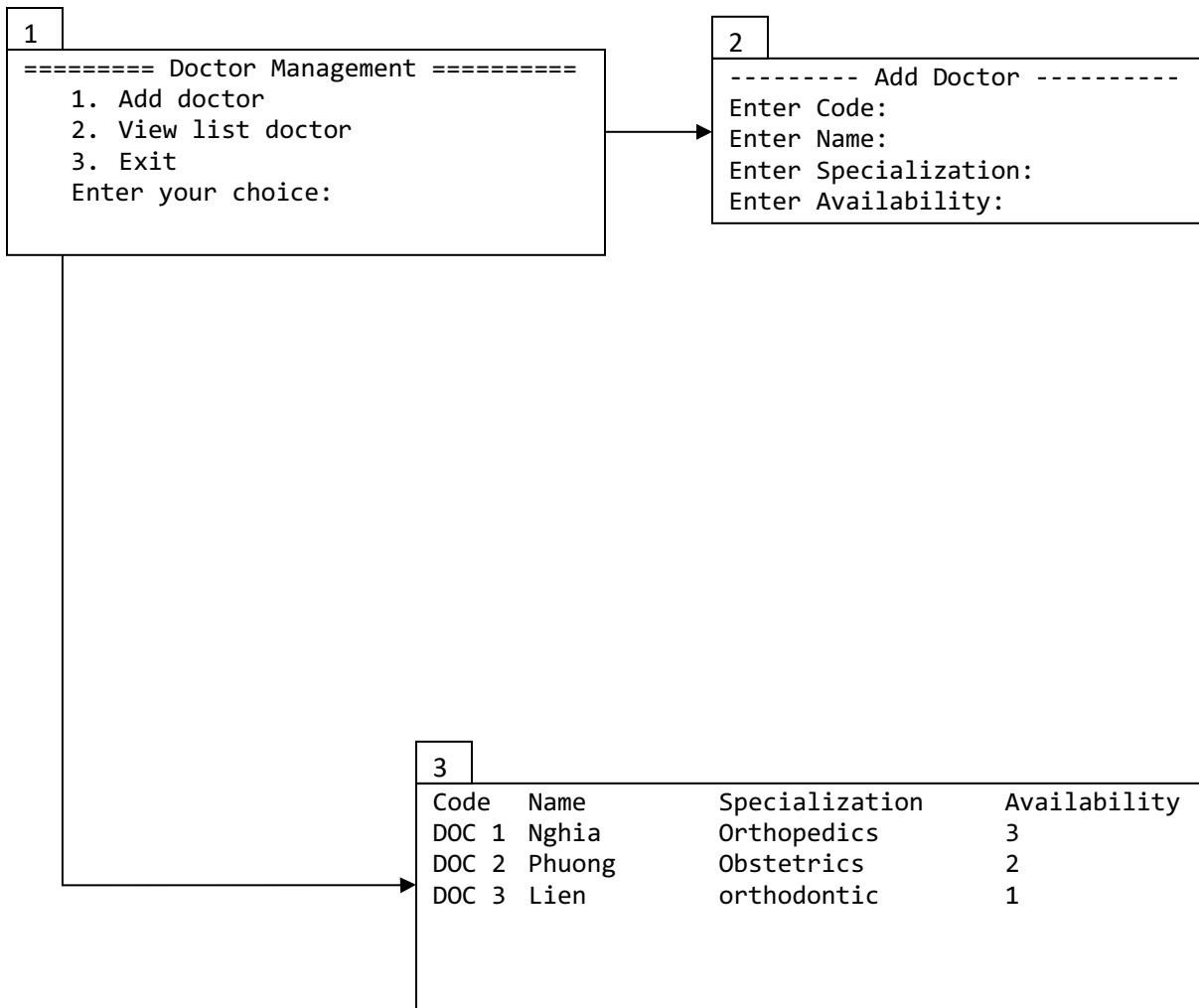-   If user chooses 3: exit the program.

Function details:

Function 1: Display GUI and Input Data.

-   User runs the program. The program prompts users input Data.

-   Auto next **Function2**.

Function 2: Perform function based on the selected option.

-   Option 1: Add Doctor
    -   Require to enter task information including "code, name, specialization, availability".
    -   Add Doctor to the program.
    -   Return to the main screen.
-   Option 4: Display all doctor's information
-   Option 5: Exit the program.

Expectation of User interface:

```
1
========= Doctor Management ==========
    1. Add doctor
    2. View list doctor
    3. Exit
    Enter your choice:
```

```
2
--------- Add Doctor ----------
Enter Code:
Enter Name:
Enter Specialization:
Enter Availability:
```

```
3
Code    Name        Specialization      Availability
DOC 1   Nghia       Orthopedics         3
DOC 2   Phuong      Obstetrics          2
DOC 3   Lien        orthodontic         1
```

Hints:

You can using printf() method to display your input to screen with a format.

To display: Code   Name   Specialization   Availability

```
You can write: System.out.printf("%-10s%-10s%-30s%-30s", "Code", "Name",
"Specialization", "Availability");
```