

# DESCRIPTION FOR THE SOLUTION

The application starts by displaying a menu that offers 5 options: to register a new patient, update an existing patient , display all patients , display their statistics and exit the application . The user enters the patient's details accordingly.

```
*****WELCOME TO THE APPLICATION*****
```

```
Press 1 to register a new patient
Press 2 to update an already existing patient
Press 3 to display all patients data
Press 4 to display current statistics
Press 5 to exit
```

```
Enter your choice:
```

```
1
```

```
Enter patient's name:
```

```
rita
```

```
Enter patient's phone number:
```

```
35647378
```

```
Enter patient's emergency contact number:
```

```
353738298
```

```
Enter patient's age :
```

```
34
```

```
Enter patient's gender :
```

```
female
```

```
Enter patient's blood type :
```

```
B+
```

```
Enter patient's weight:
```

```
67
```

```
Enter patient's height:
```

```
183
```

```
Enter patient's symptoms/medical details:
```

```
cough, fever and cold sweat
```

```
Patient registered !!
```

```
Enter your choice:
```

```
1
```

```
Enter patient's name:
```

```
yubin
```

```
Enter patient's phone number:
```

```
588888890
```

```
Enter patient's emergency contact number:
```

```
8776465361
```

```
Enter patient's age :
```

```
24
```

```
Enter patient's gender :
```

```
male
```

```
Enter patient's blood type :
```

```
AB
```

```
Enter patient's weight:
```

```
77
```

```
Enter patient's height:
```

```
195
```

```
Enter patient's symptoms/medical details:
```

```
dry cough , breathing difficulty
```

```
Patient registered !!
```

Upon selection of option 2 , the patient's details can be updated and the menu offers further options as shown below.

Enter your choice:

2

Enter patient id you want to update:

3

What do you want to update?

press 1 for changing patient's full name

press 2 for changing patient's phone number

press 3 for changing patient's emergency phone number

press 4 for changing patient's age

press 5 for changing patient's gender

press 6 for changing patient's blood type

press 7 for changing patient's weight

press 8 for changing patient's height

press 9 for changing patient's date of admission

press 10 for changing patient's symptoms / medical details

9

Enter patient's date of admission:

Enter year(in 20xx format):

2020

Enter month(01-12):

10

Enter date:

14

Patient details updated !!

By selecting option 3 from the main menu, all the records of patients are displayed.

Enter your choice:

3

```
*****PATIENTS RECORD*****  
  
PATIENT ID: 1  
PATIENT FULL NAME: rita  
PHONE NUMBER: 35647378  
EMERGENCY CONTACT NUMBER: 353738298  
AGE: 34  
GENDER: female  
BLOOD TYPE: B+  
WEIGHT: 67  
HEIGHT: 183  
DATE OF ADMISSION: 2020-10-15  
SYMPTOMS / MEDICAL DETAILS: cough, fever and cold sweat  
-----  
PATIENT ID: 2  
PATIENT FULL NAME: yubin  
PHONE NUMBER: 5888888890  
EMERGENCY CONTACT NUMBER: 8776465361  
AGE: 24  
GENDER: male  
BLOOD TYPE: AB  
WEIGHT: 77  
HEIGHT: 195  
DATE OF ADMISSION: 2020-10-15  
SYMPTOMS / MEDICAL DETAILS: dry cough , breathing difficulty  
-----  
PATIENT ID: 3  
PATIENT FULL NAME: purnima  
PHONE NUMBER: 7476637373  
EMERGENCY CONTACT NUMBER: 9474635353  
AGE: 56  
GENDER: female  
BLOOD TYPE: AB-  
WEIGHT: 69  
HEIGHT: 180  
DATE OF ADMISSION: 2020-10-14  
SYMPTOMS / MEDICAL DETAILS: fever  
-----  
-----
```

Option 4 offers statistics for the records present

Enter your choice:

4

Total patients admitted today: 3

Total number of patients in hospital at the current time : 4

## LANGUAGE USED: JAVA

- 2 classes named appEasy and patientDetails are used
- patientDetails class is responsible for handling patient's data
- appEasy class prompts the user for selection of operation that needs to be performed on the data
- Date of admission of the patient is in Y-M-D format.