FINAL PROJECT REPORT

ABOUT

PHARMACY APK

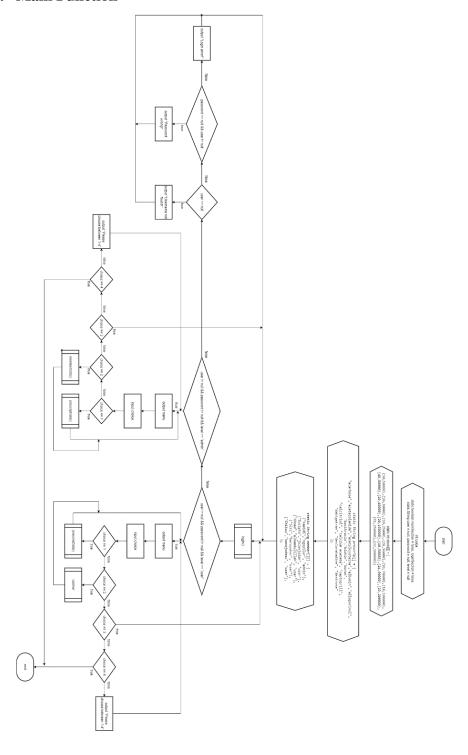
DAVIS MAULANA HERMANTO 1I



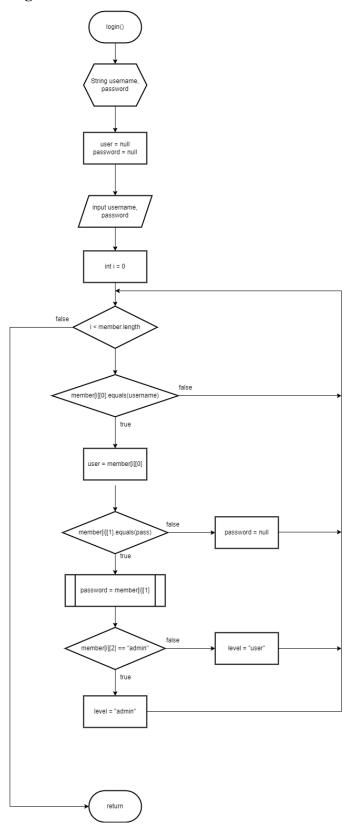
POLITEKNIK NEGERI MALANG 13 DECEMBER 2022

1.1 Flowchart

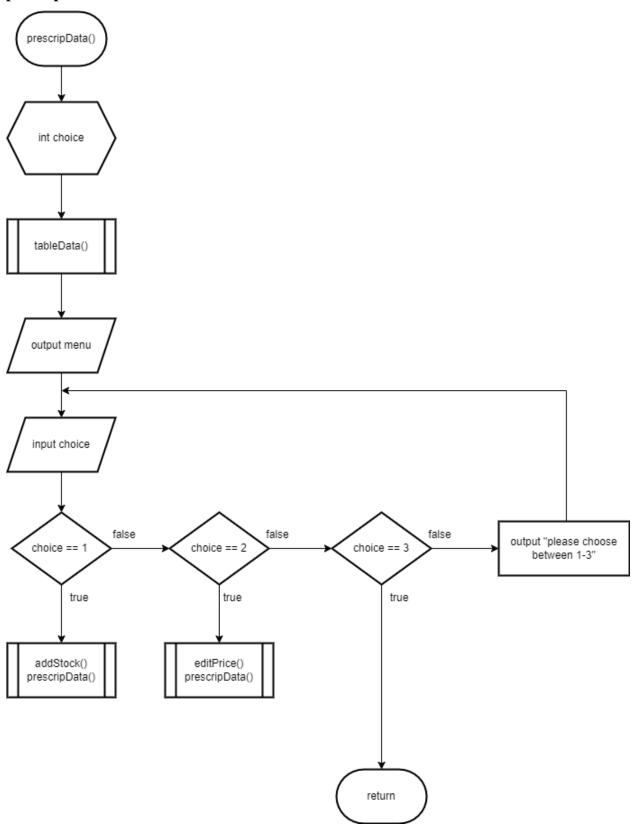
1. Main Function



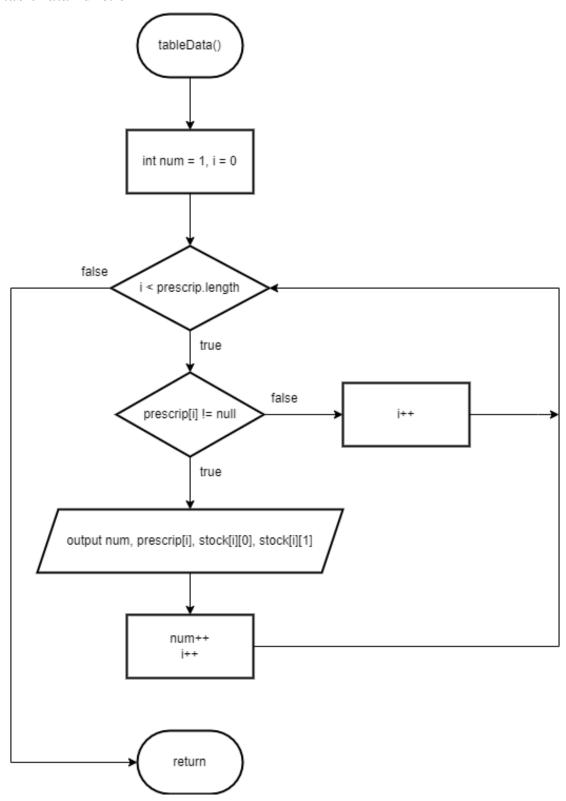
2. Login Function



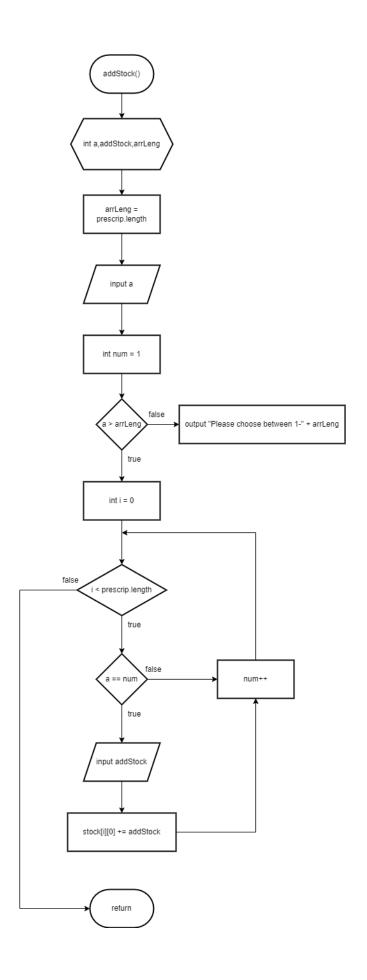
3. prescripData Function



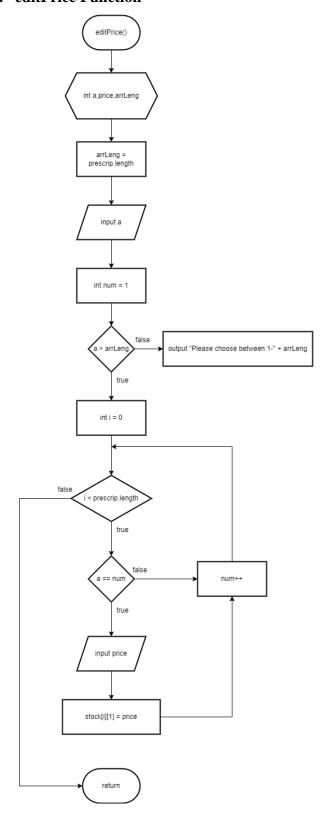
4. tableData Function



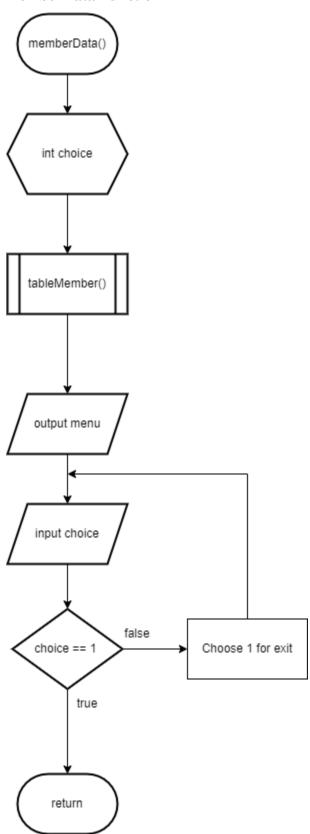
5. addStock Function



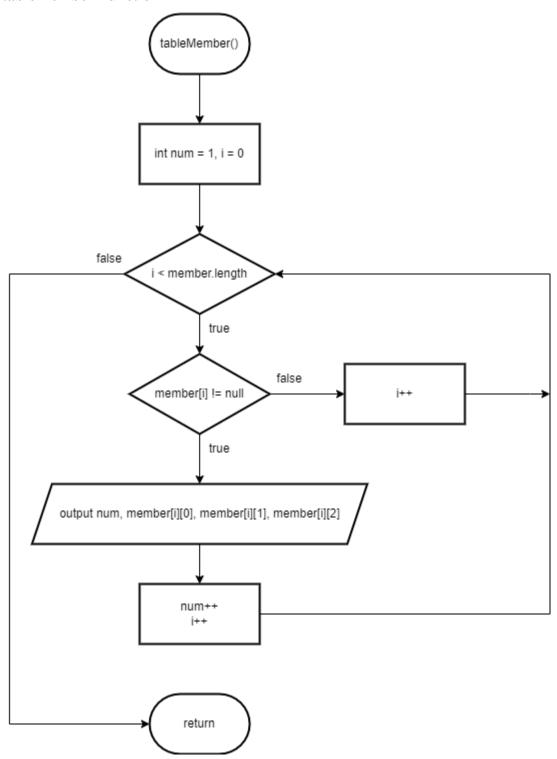
6. editPrice Function



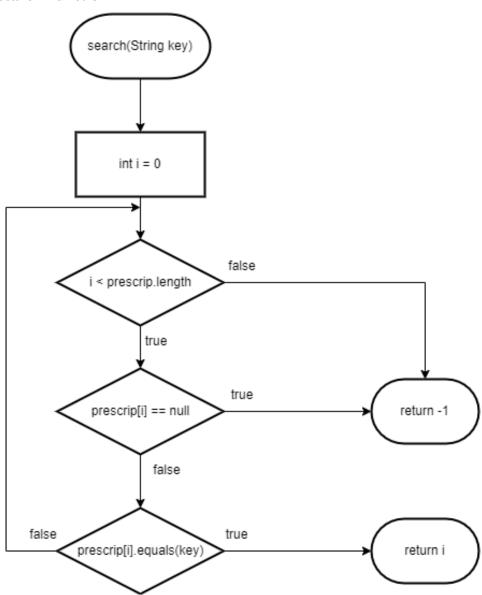
7. memberData Function



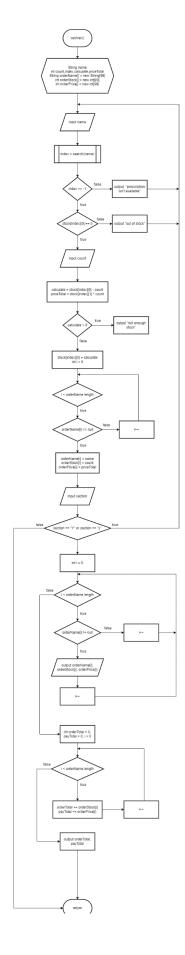
8. tableMember Function



9. search Function



10. cashier Function



1.2 Steps to Run the Program

//contains the steps for running the application starting from the first run until all menus are tried to run

The following are the steps for running the application

- 1. This application consists of 4 menus, namely adding data, borrowing, returning, and fines.
 - a. Admin menu

```
Welcome Kamidi (Admin)

Menu

1. Prescription Data

2. Member Data

3. Logout

4. Exit
Choose (1/2/3/4) :
```

b. User menu

```
Welcome Sucipto

Menu

1. Prescription Data
2. Cashier
3. Logout
4. Exit
Choose (1/2/3/4) :
```

- 2. When you first start the application, you must login first. If you input a username called "Kamidi" and the password is "ngopilur", after that you will enter the admin page. If you input the usernames like "Sucipto,Ahmad,Siti,Chiizu", after that you will enter the user page.
 - a. Admin login

```
WELCOME TO PHARMACY APK

--- Login ---
Username : Kamidi
Password : ngopilur

Welcome Kamidi (Admin)

Menu

1. Prescription Data
2. Member Data
3. Logout
4. Exit
Choose (1/2/3/4) :
```

b. User login

```
WELCOME TO PHARMACY APK

---- Login ---
Username : Sucipto
Password : bersyukur

----
Welcome Sucipto

----
Menu
1. Prescription Data
2. Cashier
3. Logout
4. Exit
Choose (1/2/3/4) :
```

c. if you input a username that is not in the member list then...

```
--- Login ---
Username : Slamet
Password : maszeh
| Username not found! |
```

d. if you input a username that is in the member list but you are false when you input the wrong password.

```
--- Login ---
Username : Sucipto
Password : Alhamdulillah
```

3. On the admin page, if you choose number 1 on the menu, you will enter the prescriptions data page

4. On the prescriptions data page menu, there are 3 selection. if you choose number 1, you will enter the add stock prescription page. In the that page, you can add prescription stock data that contains in this table.

Stock data			
No Name	Stock	Price	
1 acarbose	20	50000	
2 acetazolamide	10	30000	
3 acetylcysteine	20	25000	
4 albumin	20	56000	
5 allopurinol	10	70000	
6 bacitracin	10	100000	
7 biotin	40	80000	
8 boron	20	40000	
9 calcitriol	20	150000	
10 calcium acatate	10	50000	
11 captoprill	24	90000	
12 dabigatran	23	200000	
13 desloratadine	41	250000	
14 dextrose	22	100000	
Menu			
1. Add Stock			
2. Edit Price			
3. Back to Menu			
Choose (1-3) :			

5. On the prescriptions data page menu, if you choose number 2, you will enter the prescription price edit page. In the that page, you can edit the prescription price data that contains in this table.

Stock data			
Stock data			
No Name	Stock	Price	
1 acarbose		50000	
2 acetazolamide		30000	
3 acetylcysteine		25000	
4 albumin		50000	
5 allopurinol		70000	
6 bacitracin		100000	
7 biotin		80000	
8 boron		40000	
9 calcitriol		150000	
10 calcium acatate		50000	
11 captoprill		90000	
12 dabigatran		200000	
13 desloratadine		250000	
14 dextrose		100000	
Menu			
1. Add Stock			
2. Edit Price			
3. Back to Menu			
Choose (1-3) :			

6. On the user page, if you choose number 1 on the menu, you will enter the prescriptions data page

```
Username: Sucipto
Password: bersyukur

Welcome Sucipto

Menu
1. Prescription Data
2. Cashier
3. Logout
4. Exit
Choose (1/2/3/4): 1
```

7. On the user page, if you choose number 2 on the menu, you will enter the cashier page. In the cashier page, you can make transactions like this, and then the all of transactions data will be displayed below like this.

```
Username: Sucipto
Password: bersyukur

Welcome Sucipto

Menu
1. Prescription Data
2. Cashier
3. Logout
4. Exit
Choose (1/2/3/4): 2
```

```
Enter the name of prescription : acarbose
Enter the number of prescription : 4
Do you want input again? (y/n) : y
Enter the name of prescription : albumin
Enter the number of prescription : 2
Do you want input again? (y/n): y
Enter the name of prescription : captorill
| The prescription isn't available |
Enter the name of prescription : captoprill
Enter the number of prescription : 3
Do you want input again? (y/n) : n
                Order Data
By Sucipto
               | Count | Price
| 4 | 200000
Name
albumin
                            | 112000
                            270000
Total
```

8. On the user page and admin page menu. If you choose number 3, you will return to the login page.

9. On the user page and admin page menu. if you choose number 4, the program will be stopped automatically.

```
Welcome Sucipto

Menu

1. Prescription Data
2. Cashier
3. Logout
4. Exit
Choose (1/2/3/4) : 4

Process finished with exit code 0
```

1.3 Program Code

```
import java.util.Scanner;
    static void line(){
    static void cashier(){
        line();
            name = sc.nextLine();
                repeatSec = true;
```

```
sc.nextLine();
orderPrice[i]);
```

```
orderTotal += orderStock[i];
                            payTotal += orderPrice[i];
            if (member[i][1].equals(pass)){
static void tableData(){
```

```
boolean sectionDataPres = false;
line();
tableData();
    line();
        System.out.print("Choose (1-3) : ");
```

```
editPrice();
                    sectionDataPres = false;
                    sectionDataPres = true;
                    sectionDataPres = false;
                    sectionDataPres = true;
static void tableMember(){
```

```
static void memberData(){
    line();
    tableMember();
static void addStock() {
    if(a > arrLeng) {
```

```
addStock = sc.nextInt();
line();
line();
```

```
line();
        cashier();
line();
line();
System.out.println("2. Member Data");
```