**Pharmacare**

**Technical Documentation**

**Date | 23 – 11 – 18**

**PharmaCare Development Team**

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# **About the Application**

The RightCare hospital is currently looking for an upgrade to its systems and operations to allow the staff to have an easier and more efficient work experience. Currently, multiple staff members are experiencing different Information Technology issues which they would like addressed. PharmaCare which is the new planned system and was proposed by Jack Smith, Director of systems development at RightCare Hospital and will be a “three-tier” system. The purpose of the new program is to reduce workload and increase efficiency for doctors, staff, and pharmacists to complete their work and help patents. This will be done by creating an easy to use website UI which enables all staff to browse, update, and create new prescriptions, drugs, and room information for patients.

## **Hardware & Software Requirements**

Minimum:

CPU: Intel Pentium G630T / Intel Core i3-370M / AMD Phenom II N950   Quad-Core / AMD Athlon II X2 280

RAM: 2GB

Storage Type: HDD

Storage Space for Application: 150MB

Total Storage: 50GB

Operating System: Windows 7

Other Software: Microsoft.net Framework

Recommended:

CPU: Intel Core i5-3210M / AMD a10 8700p / AMD Ryzen 3 1200

RAM: 4GB

Storage Type: HDD

Storage Space for Application: 300MB

Total Storage: 100GB

Operating System: Windows 7, 10

Other Software: Microsoft.net Framework

Software - including licence requirements e.g. operating system, database management system (Windows 7 or higher, Microsoft.net framework)

Peripherals:

* Keyboard: **Recommended** Logitech K120 OR any QWERTY keyboard which supports numpad and windows.
* Mouse: wired or wireless mouse
* Screen: 16:9 aspect ratio monitor
* Printer and Scanner: **Recommended** Fuji Xerox CM405df
* Modem: D-Link DIR-878 Gigabit Modem Router

Laptops:

* CPU: 2.0Ghz
* RAM: 8GB+
* Storage: 250GB+
* Anti-Virus software

Mobile Phones:

* Android Marshmallow or Oreo
* IOS 12

Computer Tablets:

* Require Windows OS

# **Interface States**

## **Login and login error messages**

Figure 1: Login page at startup

Figure 2: Login with validation activated

## **After login & Main Prescription page**

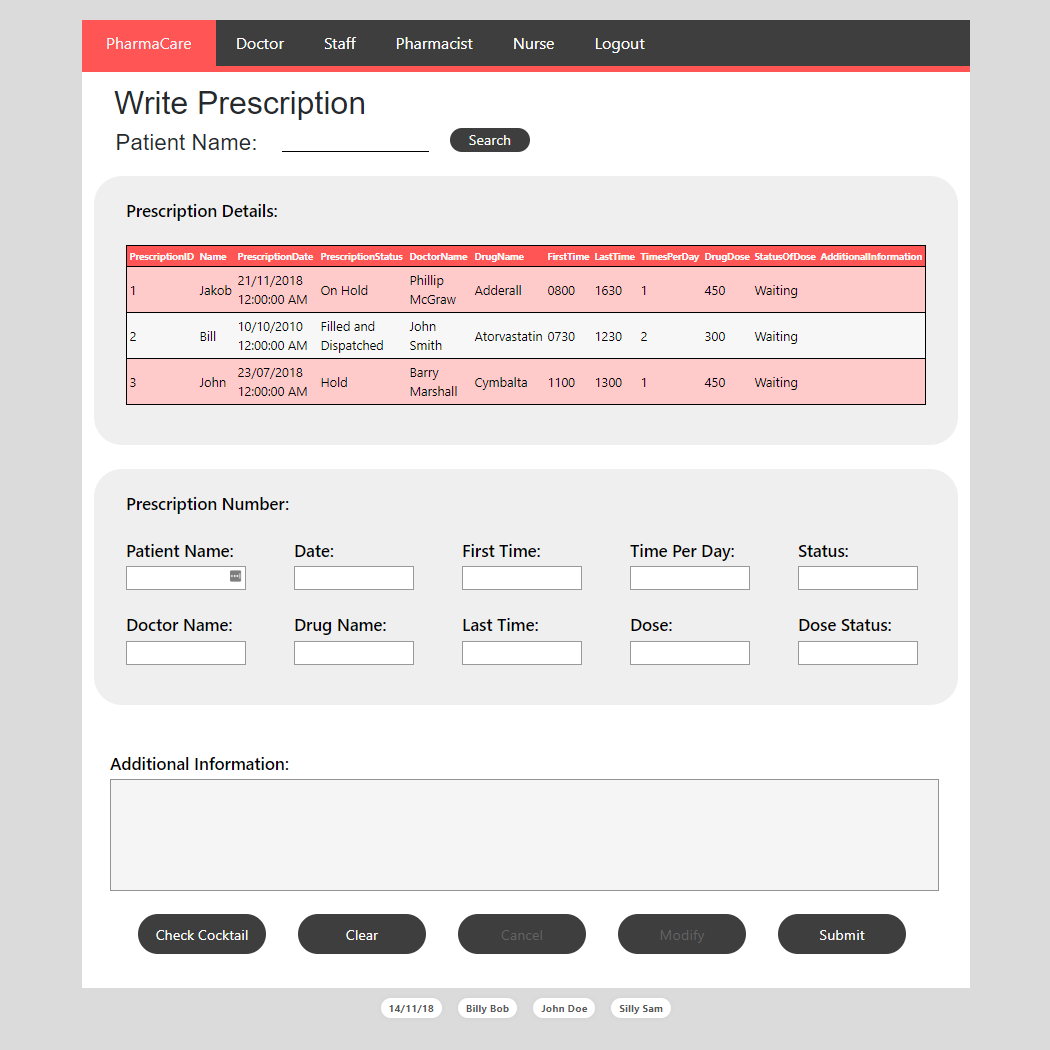


Figure 3: After login the write prescription page will be displayed

## **Adding new item**

Figure 4: After clicking submit and info adding to table

Figure 5: Filling out textboxes and before clicking submit

## **Updating existing item**

Figure 6: After clicking modify and information is updated in the table

Figure 7: Clicking a prescription in the table and before clicking modify

## **Delete existing item**

Figure 8: After clicking cancel on prescription

Figure 9: Clicking a prescription in the table and before clicking cancel

## **Logout**

Figure 11: After clicking logout

Figure 10: Before clicking logout

