




User Manual for Oxygen Cylinder Tracking System

Installation Instructions

Enabling App installation from unknown sources

Android® 8.x & higher

1. From a Home screen, swipe up or down from the center of the display to access the apps screen.
2. Navigate: **Settings**  **Apps**.
3. Tap **Menu icon** (upper-right).
4. Tap **Special access**.
5. Tap **Install unknown apps**.
6. Select the unknown app then tap the **Allow from this source switch** to turn on  or off .

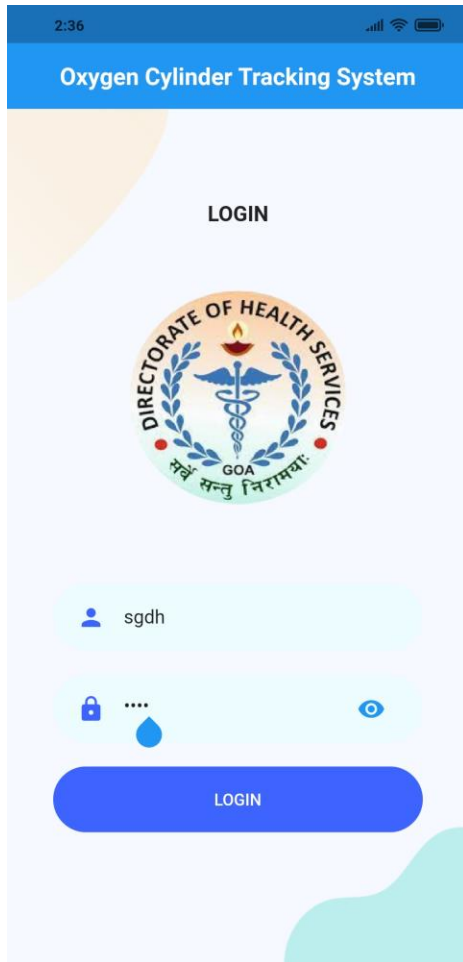
Android® 7.x & lower

1. From a Home screen, navigate to **Settings**.
2. Tap **Lock screen and security**.
→ If unavailable, tap **Security**.
3. Tap the **Unknown sources switch** to turn on or off.
→ If unavailable, **Unknown sources** to turn on or off. Enabled when check mark is present.
4. To continue, review prompt then tap **OK**.

Install OCTS app



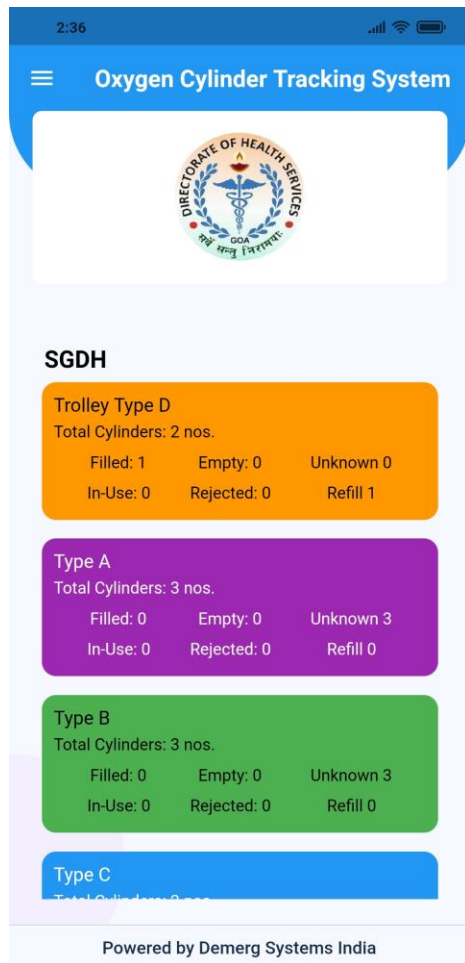
Login Page



This the login screen which will be displayed once the app is opened

Here provided username and password is to be filled to login to the system

Dashboard



Once successful login, this screen will be displayed which is the dashboard of the app where you can see the status of cylinders based on the type of cylinders.

Status

Unknown: - In-stock cylinder, status not set.

Filled: - Cylinder checked-in and ready for use.

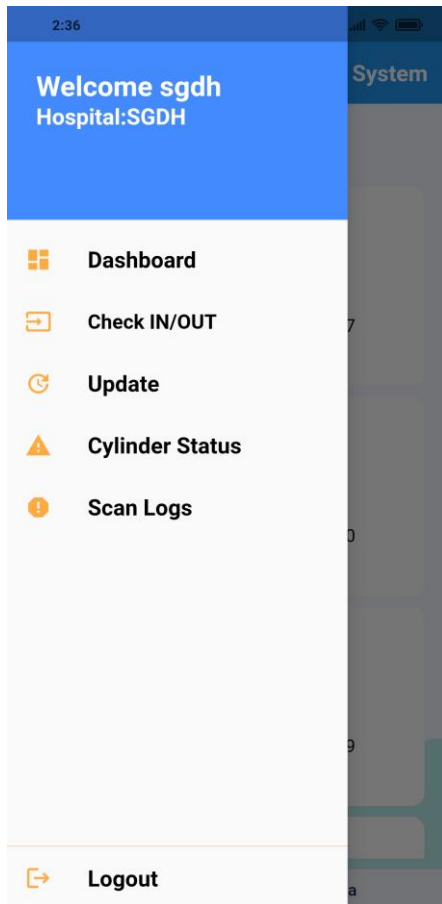
In-use; - Cylinder put for use or in-use, (only filled cylinders).

Rejected: - rejected cylinders (at the time of check-in).

Empty: - Cylinders marked as empty after use.

Refill: - checked-out cylinders sent for refilling at vendors.

Navigation



On clicking of the top left three lines (navigation drawer) the above screen will be displayed where the user can navigate to various screens which is explained below.

Also, there is the username displayed along with the user's hospital name

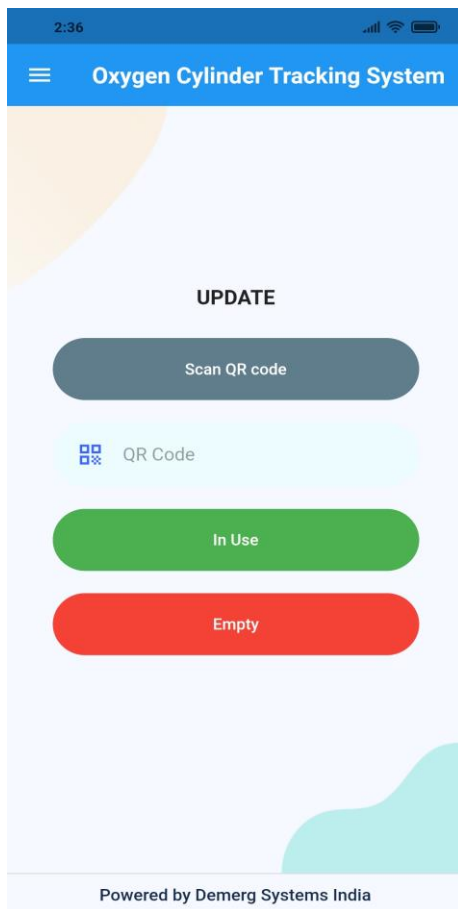
If the user wishes to logout from then it can be done by clicking on the logout button shown at the bottom of the screen.

Check IN/OUT

The screenshot shows a mobile application interface for an "Oxygen Cylinder Tracking System". At the top, there is a blue header bar with a hamburger menu icon on the left and the text "Oxygen Cylinder Tracking System" in the center. Below the header, the screen has a light blue background with a white card-like area containing the following elements: a title "Check IN/OUT", a dark grey button labeled "Scan QR code", a light blue input field with a QR code icon and the text "QR Code", a light blue input field with a pencil icon and the text "Enter Weight/Pressure", a light blue input field with a speech bubble icon and the text "Enter your Comments/Reason", and three large, rounded buttons at the bottom: a green button labeled "Check in", a purple button labeled "Check Out", and a red button labeled "Reject". At the very bottom of the screen, there is a small grey bar with the text "Powered by Demerg Systems India".

This screen will be opened when check IN/OUT is clicked in the navigation drawer
Here we can scan the QR code of the cylinder along with weight/pressure and comments if any / Reason in case of rejection of cylinder and then click on either check in, check out or reject based on the what the user wants the cylinder to be marked as.

UPDATE



This screen will be opened when Update is clicked in the navigation drawer

Here the user can update the status of the cylinder by scanning the cylinder QR code and then marking it either in use or empty.

Cylinder Status

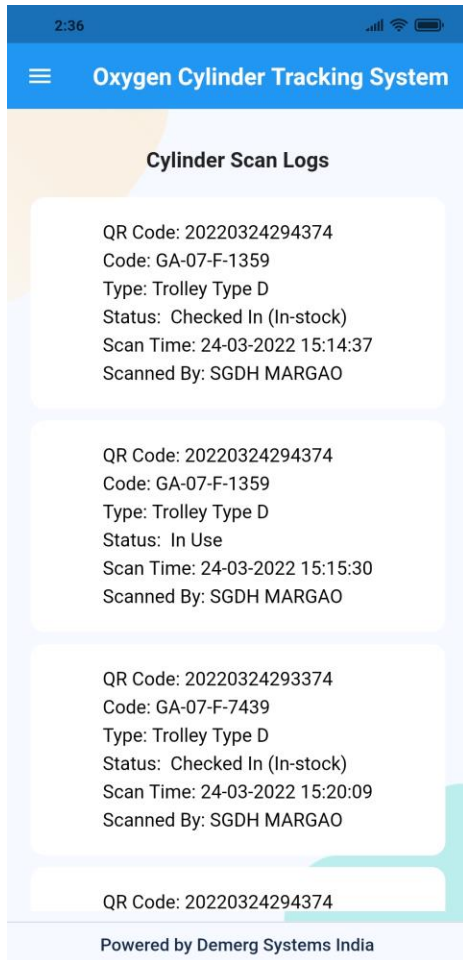
Oxygen Cylinder Tracking System			
Cylinder Status			
Serial No	Cylinder Code	Cylinder Type	Vend
1	SGDH34166	Type A	Scoo
2	GA-07-F-1359	Trolley Type D	Scoo
3	GA-07-F-7439	Trolley Type D	Scoo
4	SGDH407708	Type D	Scoo
5	SGDH407705	Type D	Scoo
6	SGDH75	Type C	Scoo
7	SGDH215	Type C	Scoo
8	SGDH207876	Type B	Scoo
9	SGDH192317	Type B	Scoo
10	SGDH185695	Type B	Scoo
11	SGDH75418	Type A	Scoo
12	SGDH62779	Type A	Scoo
Powered by Demerg Systems India			

Oxygen Cylinder Tracking System		
Cylinder Status		
Vendor	Hospital	Status
oop Industries	SGDH	-
oop Industries	SGDH	Checked out for filling
oop Industries	SGDH	Checked In (In-stock)
oop Industries	SGDH	-
oop Industries	SGDH	-
oop Industries	SGDH	-
oop Industries	SGDH	-
oop Industries	SGDH	-
oop Industries	SGDH	-
oop Industries	SGDH	-
oop Industries	SGDH	-
oop Industries	SGDH	-
oop Industries	SGDH	-
oop Industries	SGDH	-
Powered by Demerg Systems India		

This screen will be opened when Cylinder status is clicked in the navigation drawer.

Here status of cylinders will be displayed.

Scan Logs



This screen will be opened when Scan Logs is clicked in the navigation drawer.

This screen shows the logs of the scanned QR code along with what status was marked by the user, type of cylinder, scanned time and the user by whom the cylinder was scanned