

ODK-X: Improving Services User-Interface

Google Summer Of Code - 2021 Screen Designs



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INTRODUCTION

This document contains the Proposed Themes and Different Screens that would be implemented in the GSoC Coding Period. The First Part of the Document contains the details of Different Screens while the latter part contains the actual design and theme of Different Screens.

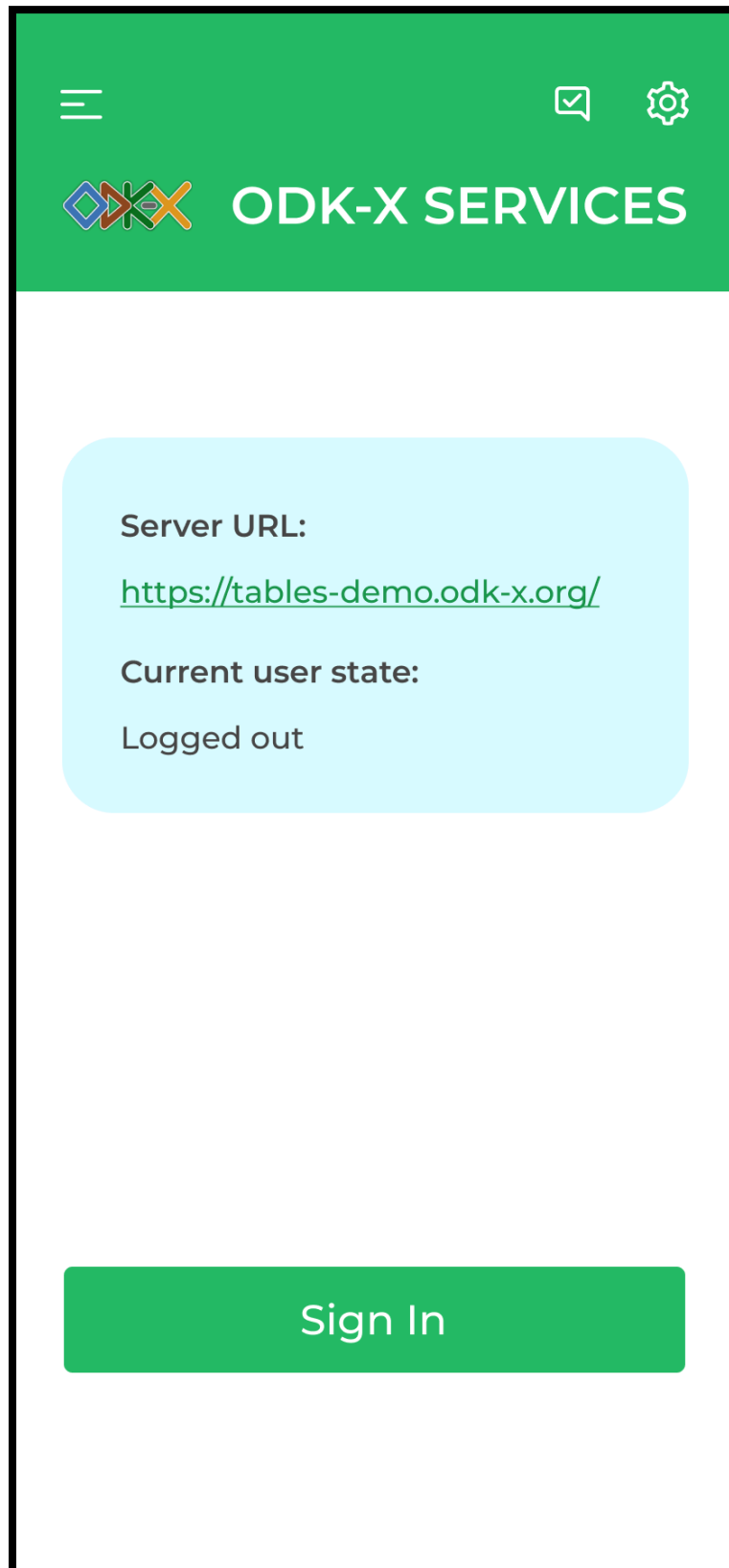
SCREEN DETAILS

UI Container	Details to be shown in All User States	Details to be shown in a Particular User State		
		User Logged Out	User Signed In as Guest	User Signed in as User
Main Screen (Main Activity)	<ul style="list-style-type: none"> → Server URL → Current User State 	<ul style="list-style-type: none"> → Sign-In Button 	<ul style="list-style-type: none"> → Last Synced Time 	<ul style="list-style-type: none"> → Username of User → Last Synced Time
Toolbar Icons (Main Activity)	<ul style="list-style-type: none"> → Open Verify Server Settings 	-	<ul style="list-style-type: none"> → Open Sync Activity 	
Drawer Items (Main Activity)	<ul style="list-style-type: none"> → About → ODK User Documentation → Settings 	<ul style="list-style-type: none"> → Sign-In 	<ul style="list-style-type: none"> → Resolve Conflicts → Switch Sign-In Method → Logout 	<ul style="list-style-type: none"> → Resolve Conflicts → Update User Credentials → If Server supports Guest - Switch Sign-In Method → Logout
Verify Server Settings Activity	<ul style="list-style-type: none"> → Server URL → Server Verification Status → Server Guest Support → Last Server Verified Time → Button to Verify Server 	<ul style="list-style-type: none"> → Message displaying User is Logged Out with a button to Sign-In 	<ul style="list-style-type: none"> → Message displaying User is a Guest 	<ul style="list-style-type: none"> → Username → User Verification Status → Last User Verified Time → Button to Verify User
Sync Activity	<ul style="list-style-type: none"> → Server URL → Sync Type → Button to Start Sync 	<ul style="list-style-type: none"> → Disabled Start Sync Button → Message informing the User to Sign-In to Sync → Sign-In Button 	<ul style="list-style-type: none"> → Enabled Start Sync Button → Sign-In Method of User → Last Synced Time → If User Signed in using Credentials - Username of User 	

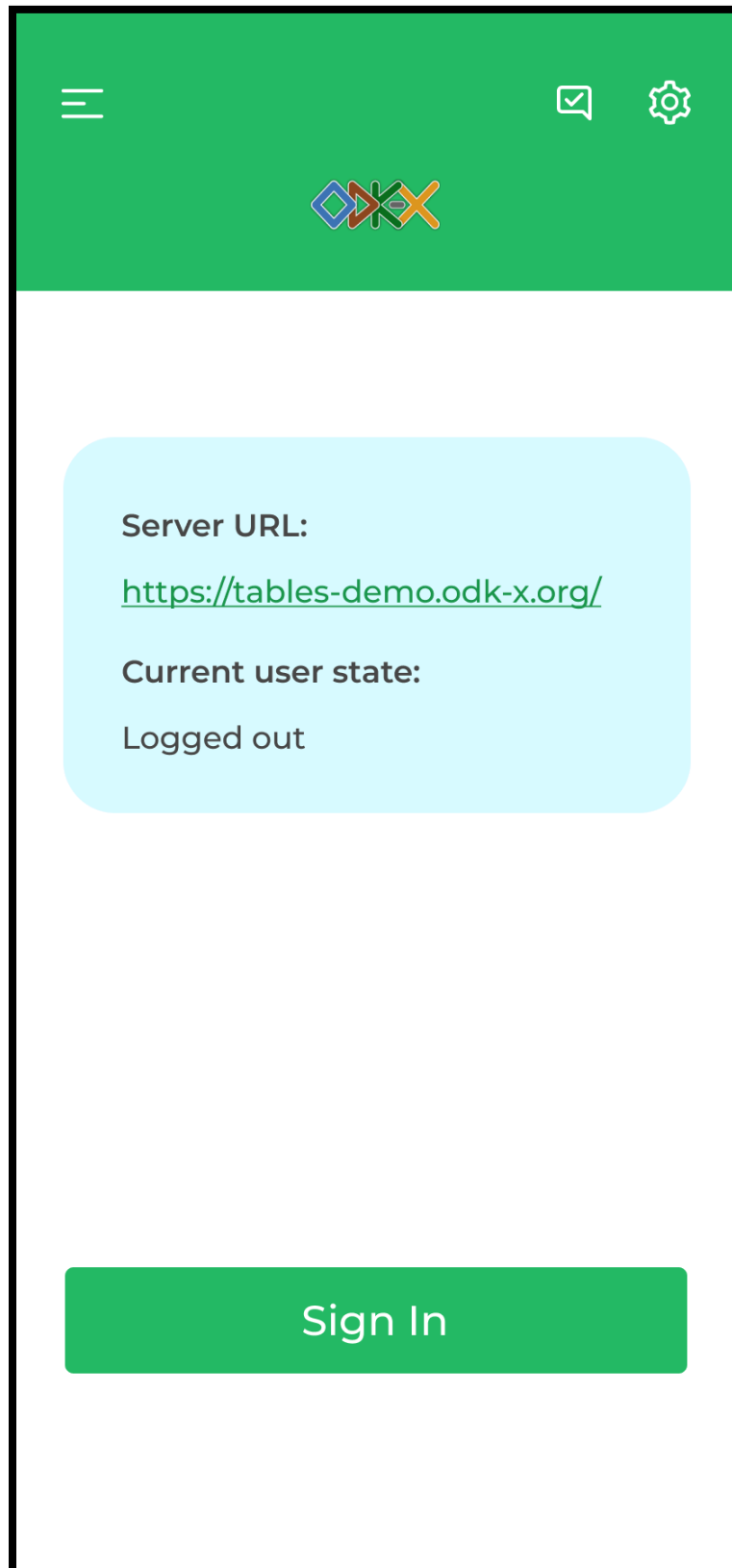
SCREEN DESIGNS

1. Main Screen (Main Activity) - Portrait

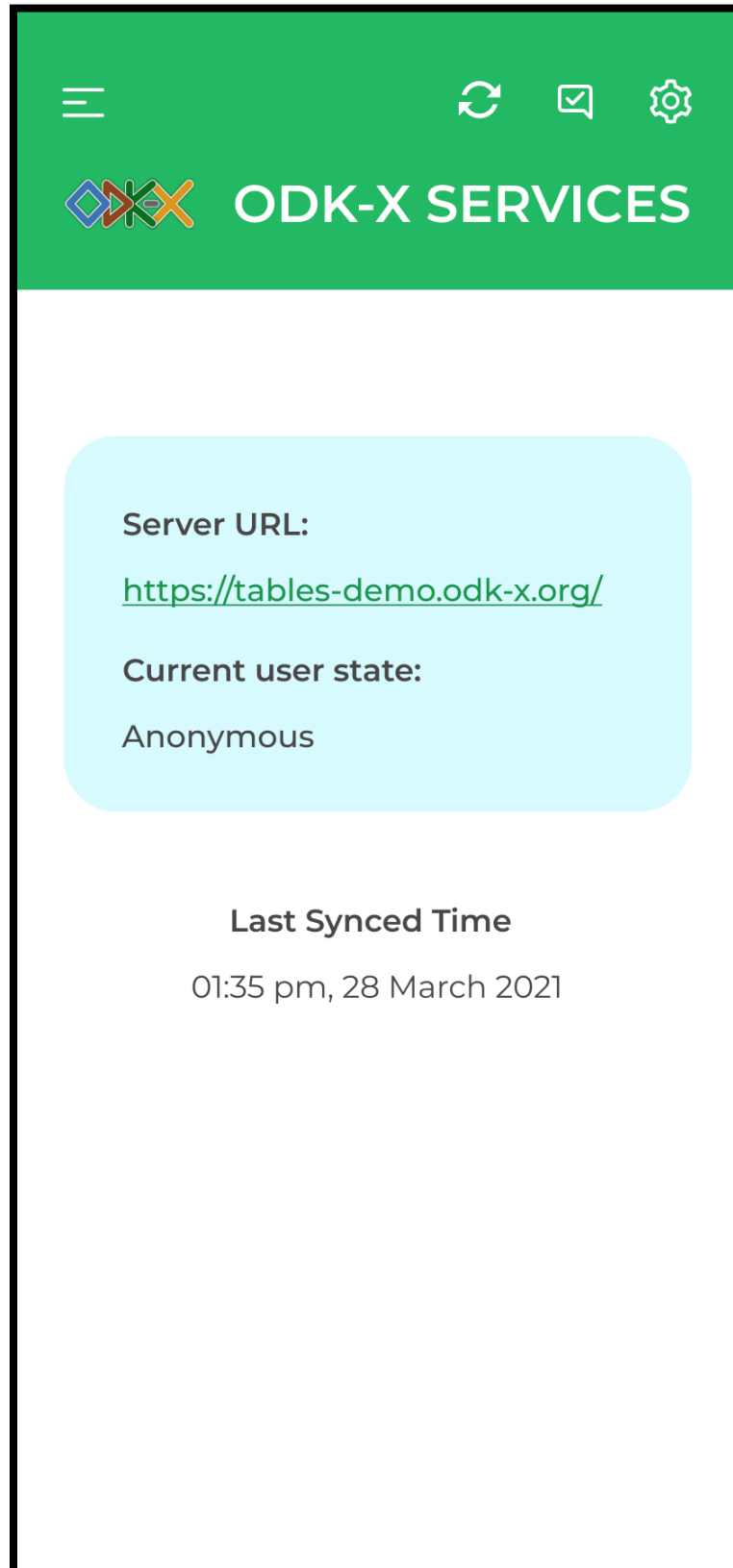
a. User State - Logged Out (On Devices with Higher Resolutions)



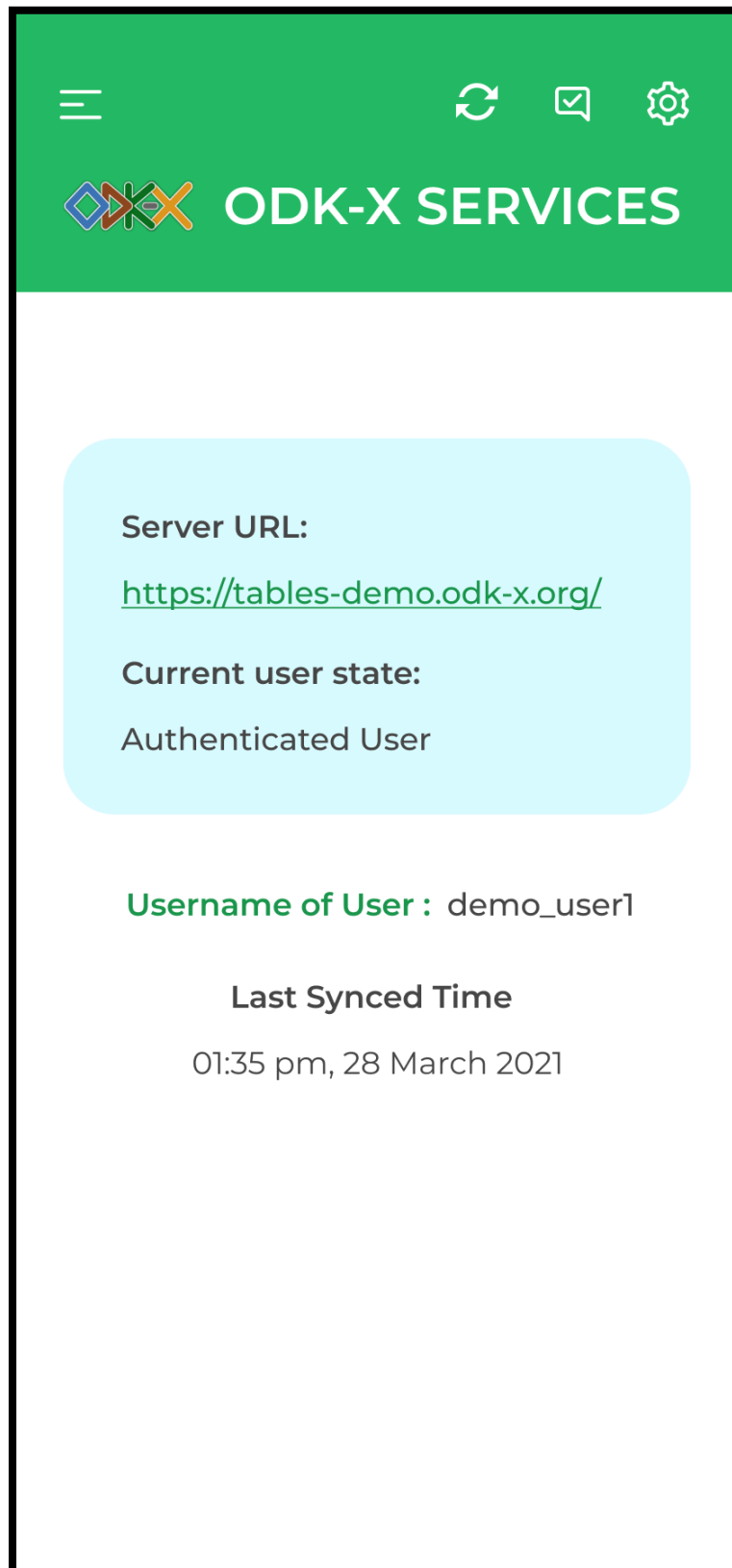
b. User State - Logged Out (On Devices with Lower Resolutions)



c. **User State** - Logged In Anonymously

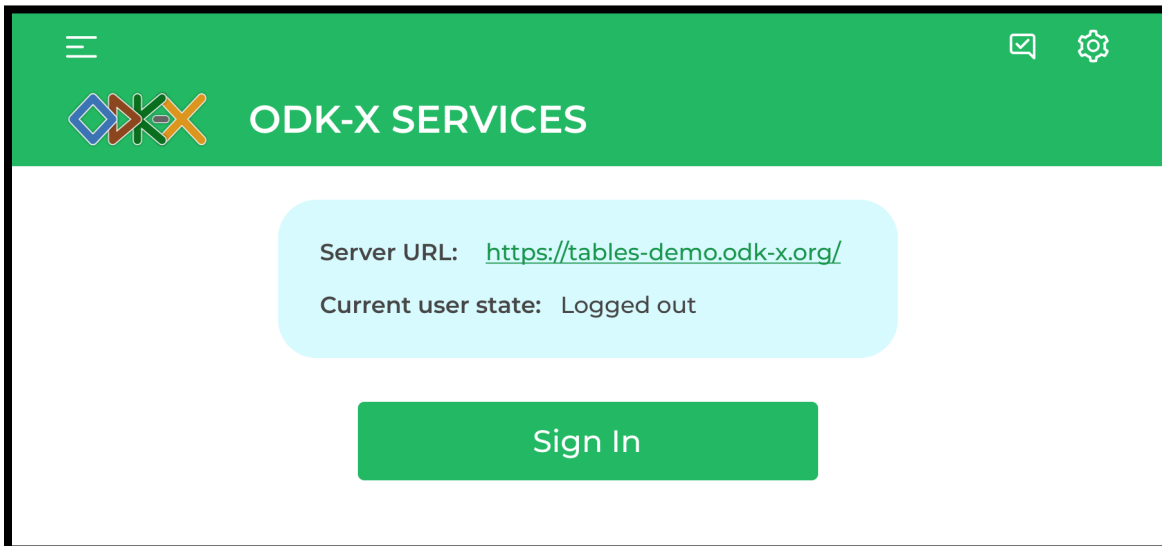


d. User State - Logged In as an Authenticated User

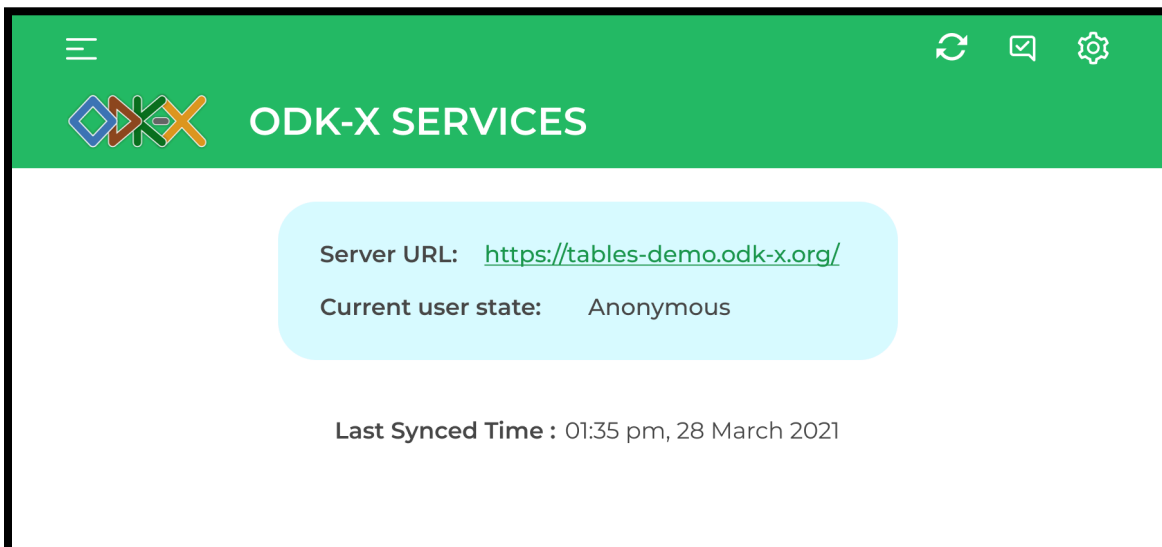


2. Main Screen (Main Activity) - Landscape

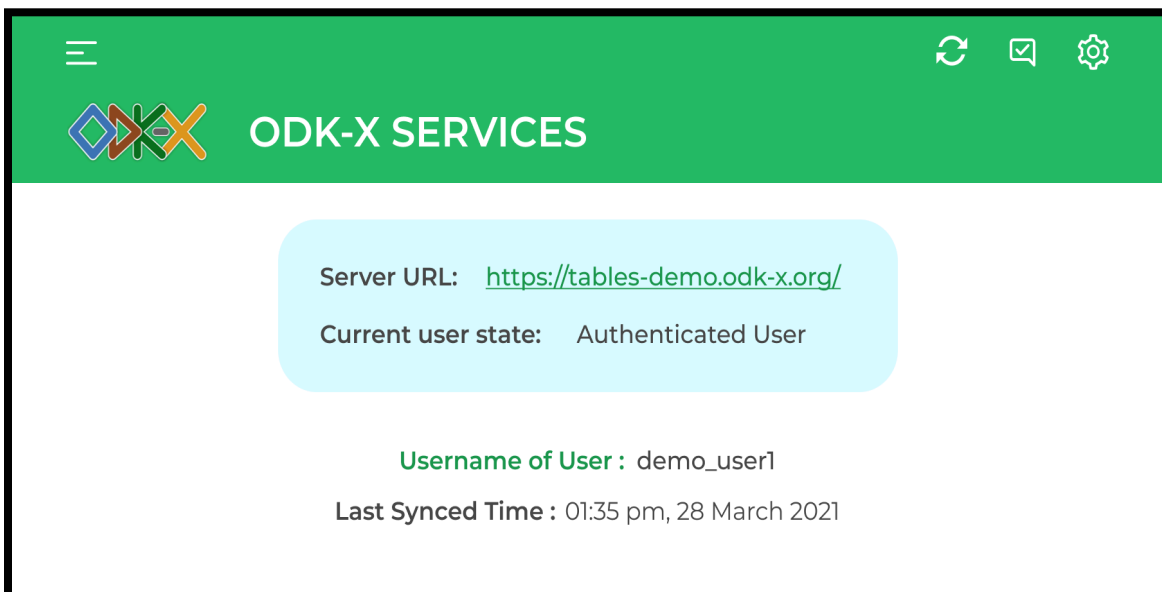
a. User State - Logged Out



b. User State - Logged In Anonymously

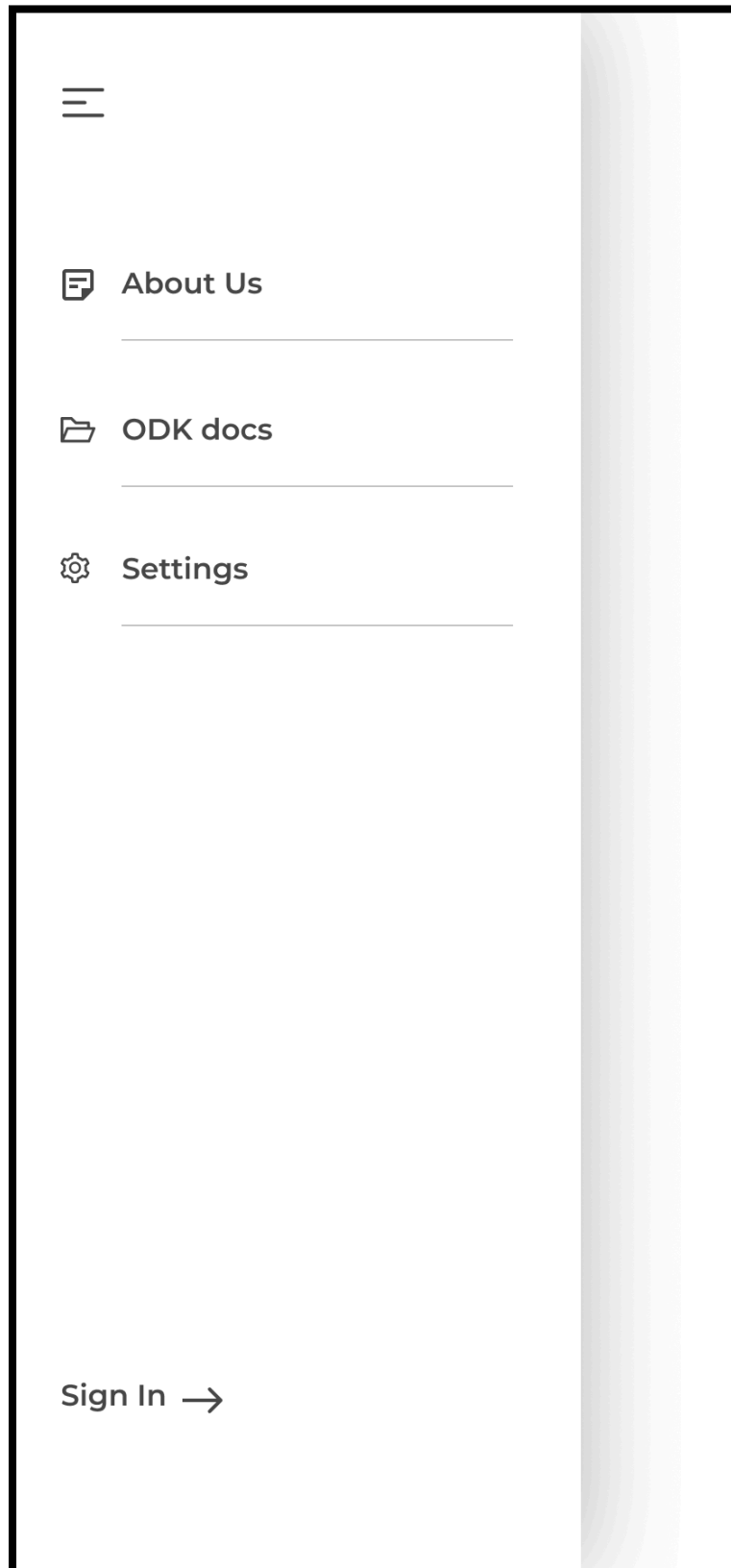


c. User State - Logged In as an Authenticated User

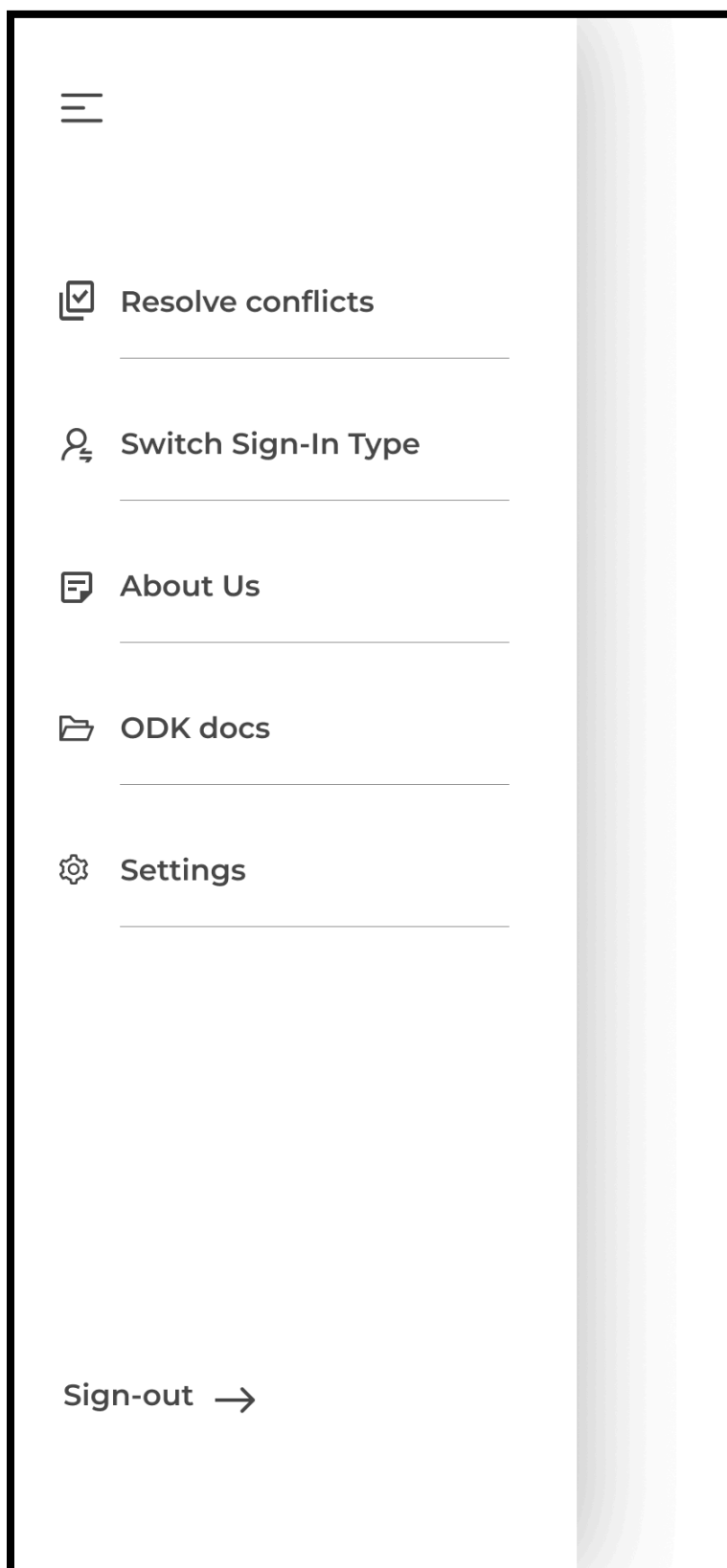


3. Drawer

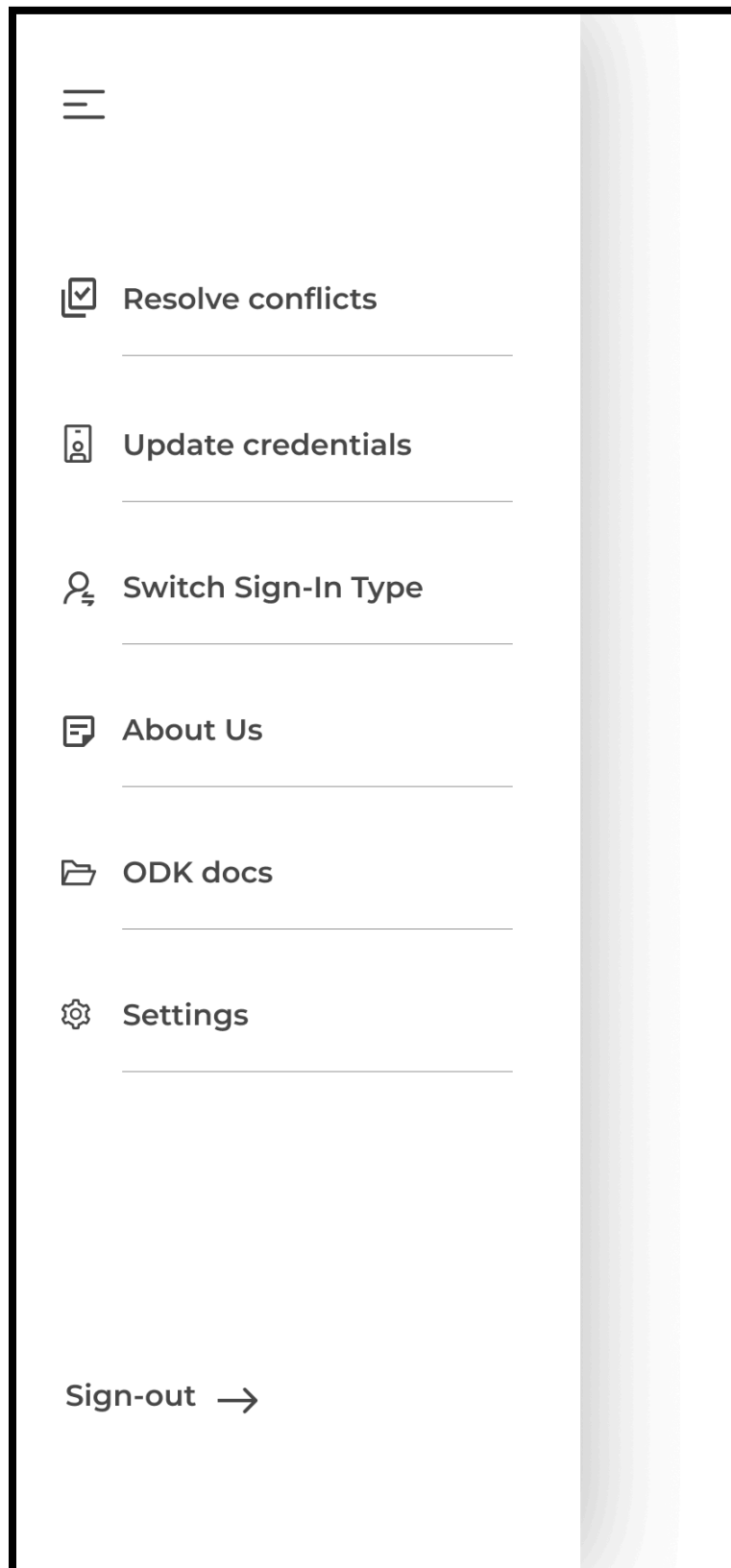
a. User State - Logged Out



b. User State - Logged In Anonymously

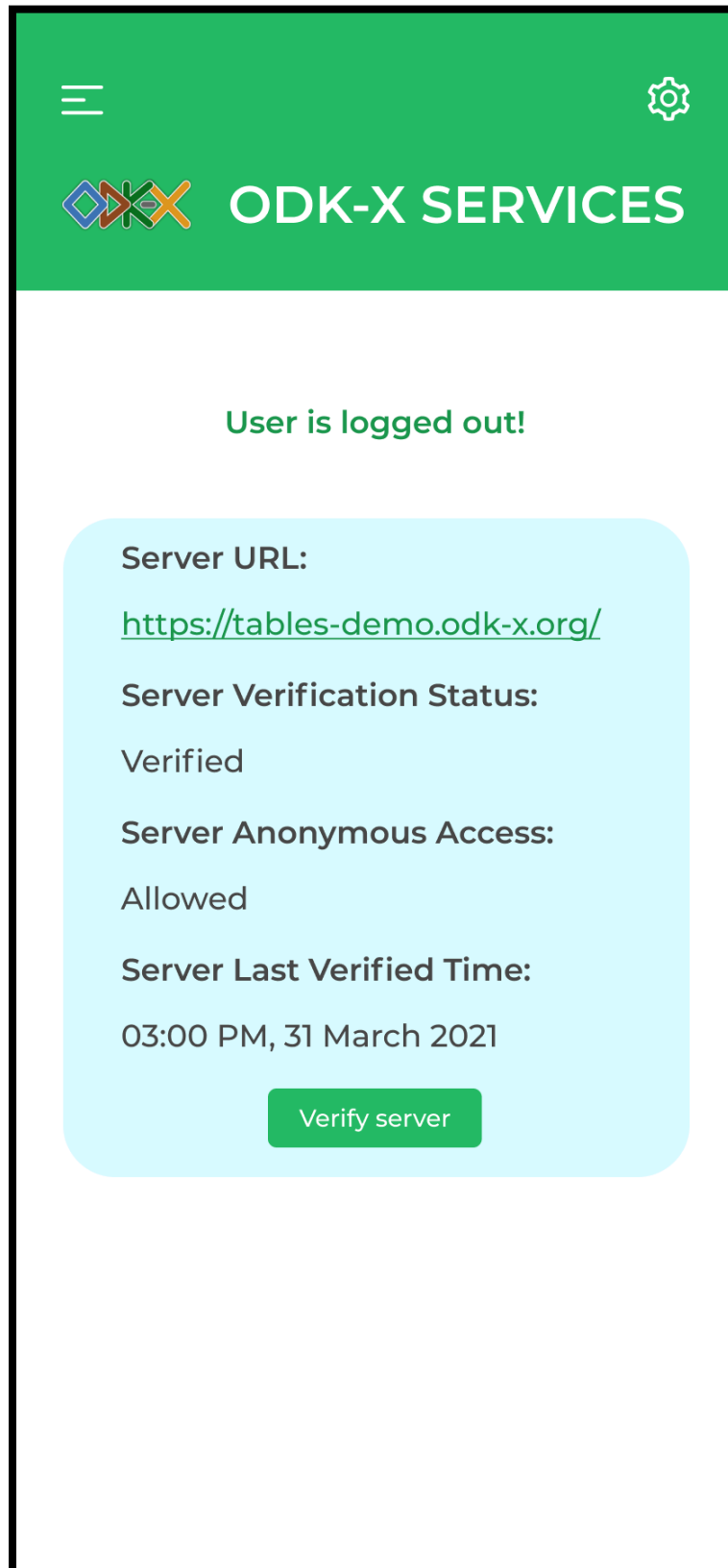


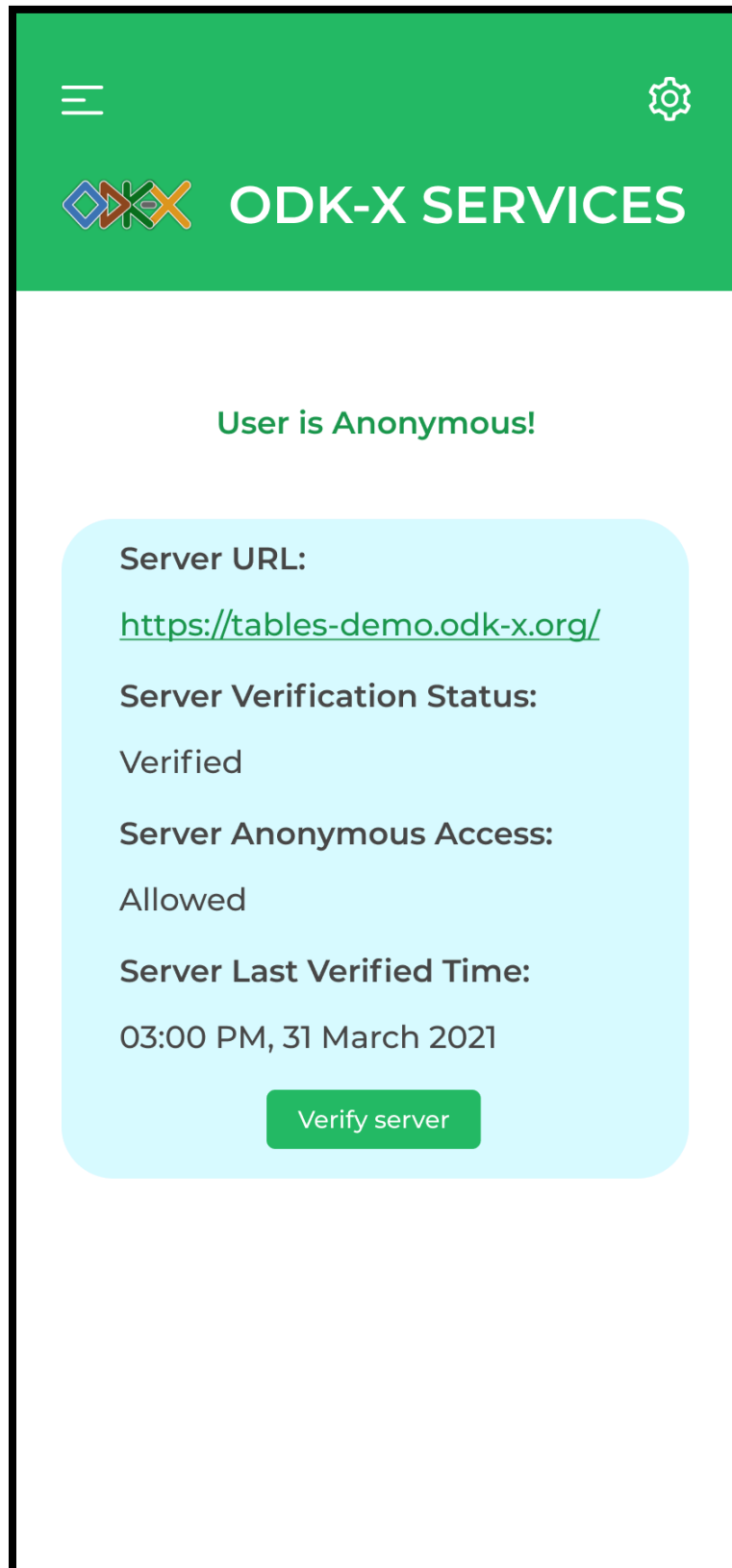
c. User State - Logged In as an Authenticated User





4. Verify Server Settings Screen - Portrait


a. User State - Logged Out



b. User State - Logged In Anonymously

c. **User State** - Logged In as an Authenticated User



 **ODK-X SERVICES**

Server URL:

<https://tables-demo.odk-x.org/>

Server Verification Status:

Verified

Server Anonymous Access:

Allowed

Server Last Verified Time:

03:00 PM, 31 March 2021

Verify server

Username of User : demo_user1

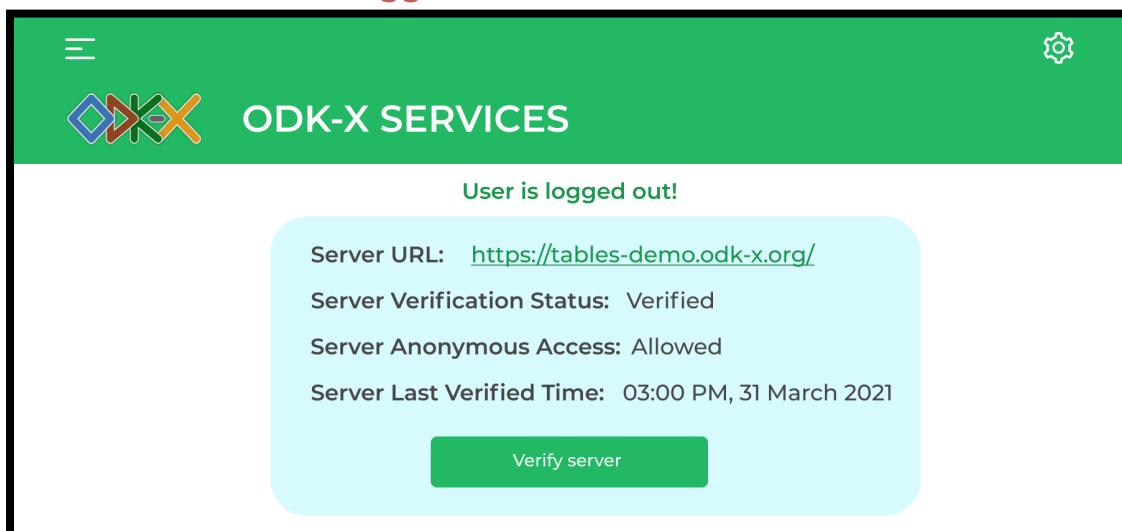
Verification status : Verified

Last Synced Time : 01:35 pm, 28 March 2021

Verify User

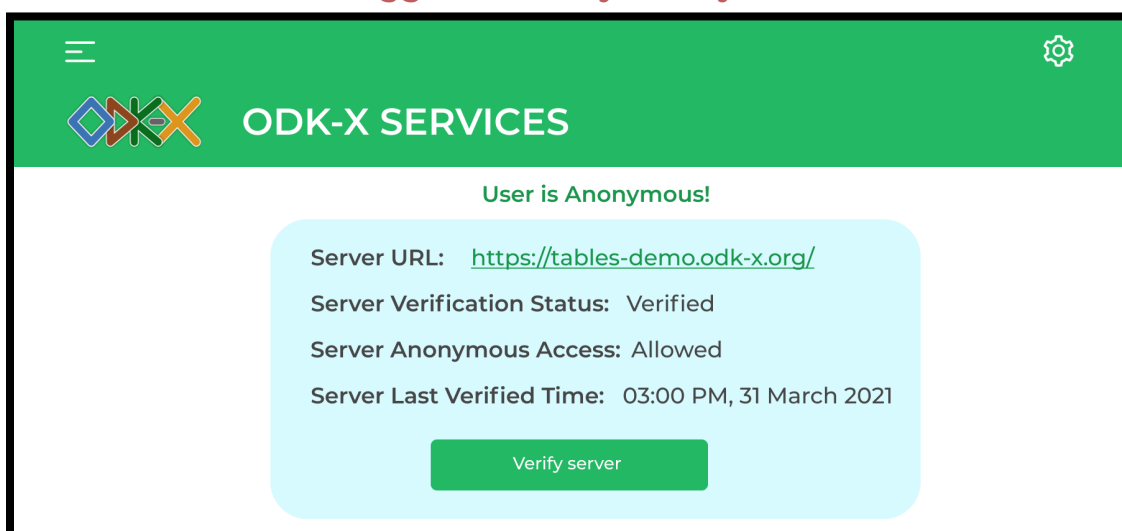
5. Verify Server Settings Screen - Landscape

a. User State - Logged Out



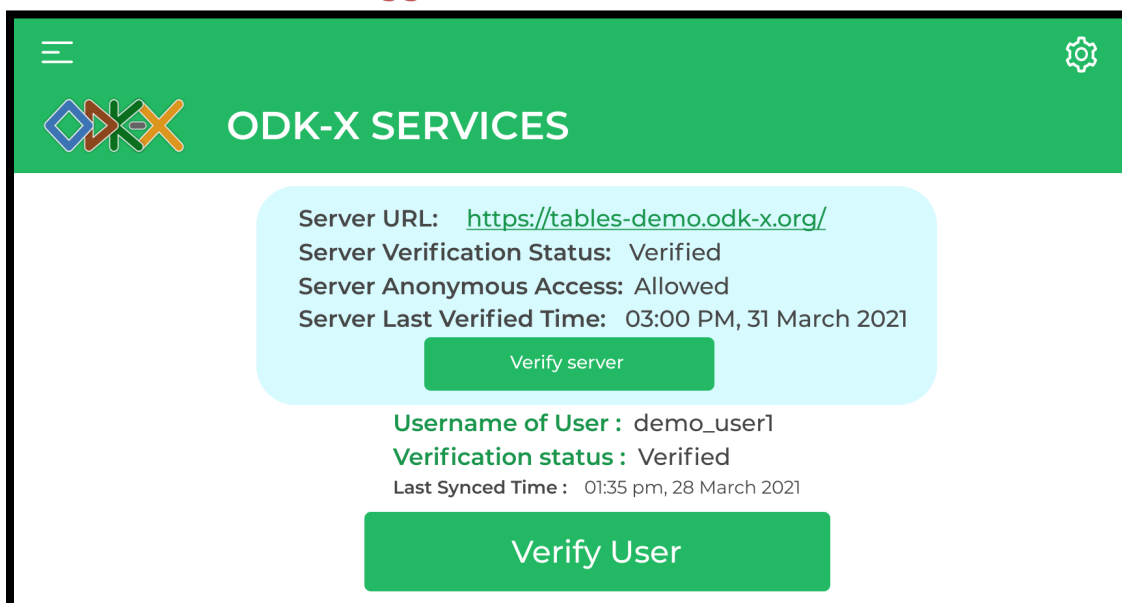
The screenshot shows the ODK-X SERVICES screen with a green header. The header contains a hamburger menu icon on the left, the ODK-X logo, the text "ODK-X SERVICES", and a settings gear icon on the right. Below the header, a message states "User is logged out!". A light blue rounded rectangle contains the following information: "Server URL: <https://tables-demo.odk-x.org/>", "Server Verification Status: Verified", "Server Anonymous Access: Allowed", and "Server Last Verified Time: 03:00 PM, 31 March 2021". At the bottom of this rectangle is a green button labeled "Verify server".

b. User State - Logged In Anonymously



The screenshot shows the ODK-X SERVICES screen with a green header. The header contains a hamburger menu icon on the left, the ODK-X logo, the text "ODK-X SERVICES", and a settings gear icon on the right. Below the header, a message states "User is Anonymous!". A light blue rounded rectangle contains the following information: "Server URL: <https://tables-demo.odk-x.org/>", "Server Verification Status: Verified", "Server Anonymous Access: Allowed", and "Server Last Verified Time: 03:00 PM, 31 March 2021". At the bottom of this rectangle is a green button labeled "Verify server".

c. User State - Logged In as an Authenticated User



The screenshot shows the ODK-X SERVICES screen with a green header. The header contains a hamburger menu icon on the left, the ODK-X logo, the text "ODK-X SERVICES", and a settings gear icon on the right. Below the header, a light blue rounded rectangle contains the following information: "Server URL: <https://tables-demo.odk-x.org/>", "Server Verification Status: Verified", "Server Anonymous Access: Allowed", and "Server Last Verified Time: 03:00 PM, 31 March 2021". At the bottom of this rectangle is a green button labeled "Verify server". Below the rectangle, the following information is displayed: "Username of User : demo_user1", "Verification status : Verified", and "Last Synced Time : 01:35 pm, 28 March 2021". At the bottom of the screen is a large green button labeled "Verify User".

6. Sync Screen - Portrait

a. User State - Logged Out

Menu icon (hamburger menu)

Settings icon (gear)

ODK-X SERVICES

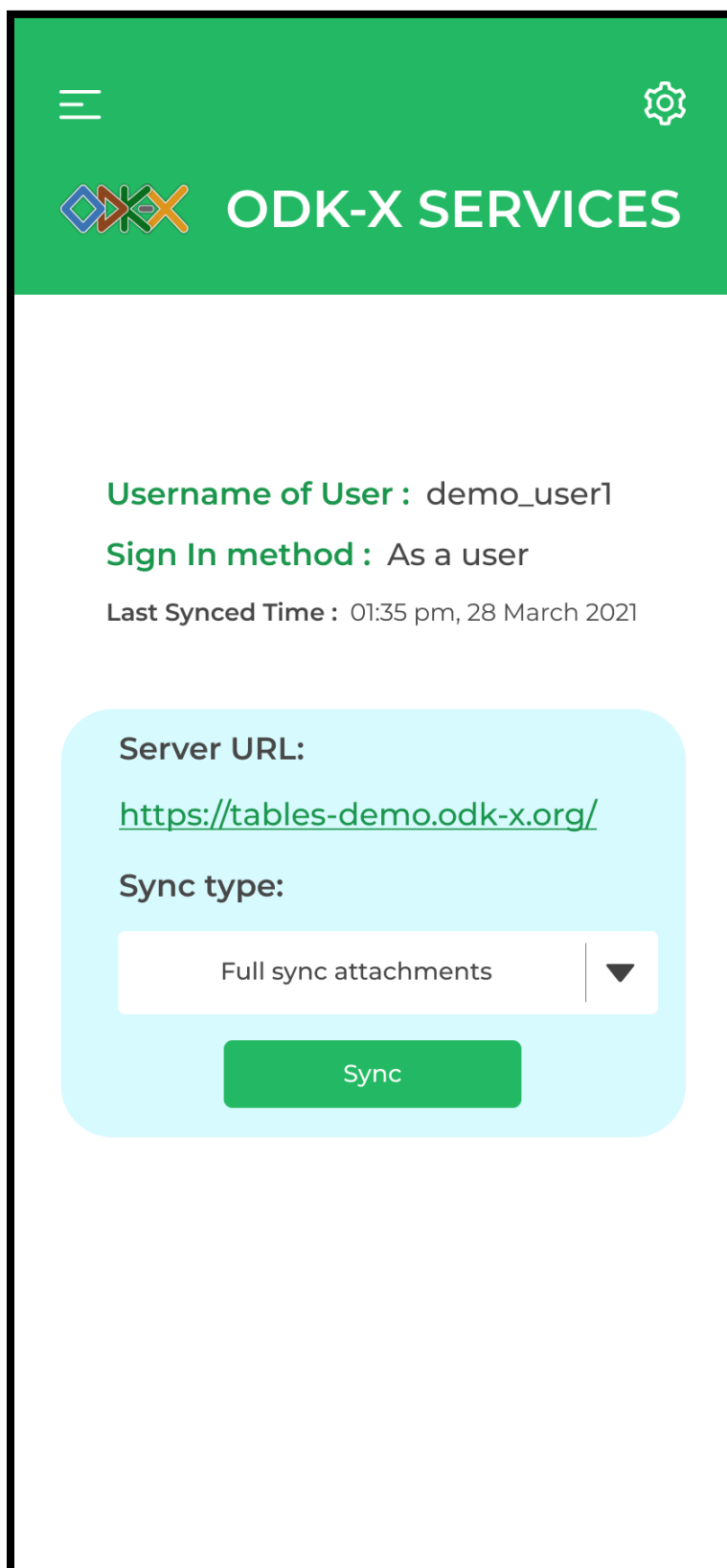
Sign In to sync!

Server URL:
<https://tables-demo.odk-x.org/>

Sync type:
Full sync attachments ▼

Sync

Sign In

b. User State - Logged In

The screenshot shows a mobile application interface for 'ODK-X SERVICES'. The top header is green with a hamburger menu icon on the left and a settings gear icon on the right. Below the header, the ODK-X logo is followed by the text 'ODK-X SERVICES'. The main content area is white and displays the following information:

- Username of User :** demo_user1
- Sign In method :** As a user
- Last Synced Time :** 01:35 pm, 28 March 2021

Below this information is a light blue rounded rectangle containing a 'Server URL:' label, a text input field with the URL <https://tables-demo.odk-x.org/>, a 'Sync type:' label, a dropdown menu currently showing 'Full sync attachments', and a green 'Sync' button.

7. Sync Screen - Landscape

a. User State - Logged Out


The screenshot shows the ODK-X SERVICES interface. At the top is a green header with a hamburger menu icon on the left and a settings gear icon on the right. Below the header, the ODK-X logo is followed by the text "ODK-X SERVICES". The main content area has a light gray background. At the top of this area, it says "Sign In to sync!". Below this, there is a light blue rounded rectangle containing the following elements: "Server URL:" followed by the text <https://tables-demo.odk-x.org/>; "Sync Type:" followed by a dropdown menu showing "Full sync attachments" and a downward arrow; and a green "Sync" button. Below the light blue rectangle is a large green "Sign In" button.

b. User State - Logged In

The screenshot shows the ODK-X SERVICES interface when the user is logged in. The header is identical to the previous screenshot. Below the header, the ODK-X logo is followed by the text "ODK-X SERVICES". The main content area has a light gray background. At the top of this area, it displays the following information: "Username of User : demo_user1", "Sign In method : As a user", and "Last Synced Time : 01:35 pm, 28 March 2021". Below this information, there is a light blue rounded rectangle containing the following elements: "Server URL:" followed by the text <https://tables-demo.odk-x.org/>; "Sync Type:" followed by a dropdown menu showing "Full sync attachments" and a downward arrow; and a green "Sync" button.

8. Sign In Screen - Portrait

a. Choose Sign In Type - If Server Supports Anonymous Access




Server URL:

<https://tables-demo.odk-x.org/>

Sign in

Anonymous

Authenticated User


b. Sign In using Credentials

Server URL:

<https://tables-demo.odk-x.org/>

Sign in


Username

Password 

Sign In

9. Sign In Screen - Landscape

a. Choose Sign In Type - If Server Supports Anonymous Access




Server URL: <https://tables-demo.odk-x.org/>

Sign in

Anonymous


Authenticated User

b. Sign In using Credentials



Server URL: <https://tables-demo.odk-x.org/>

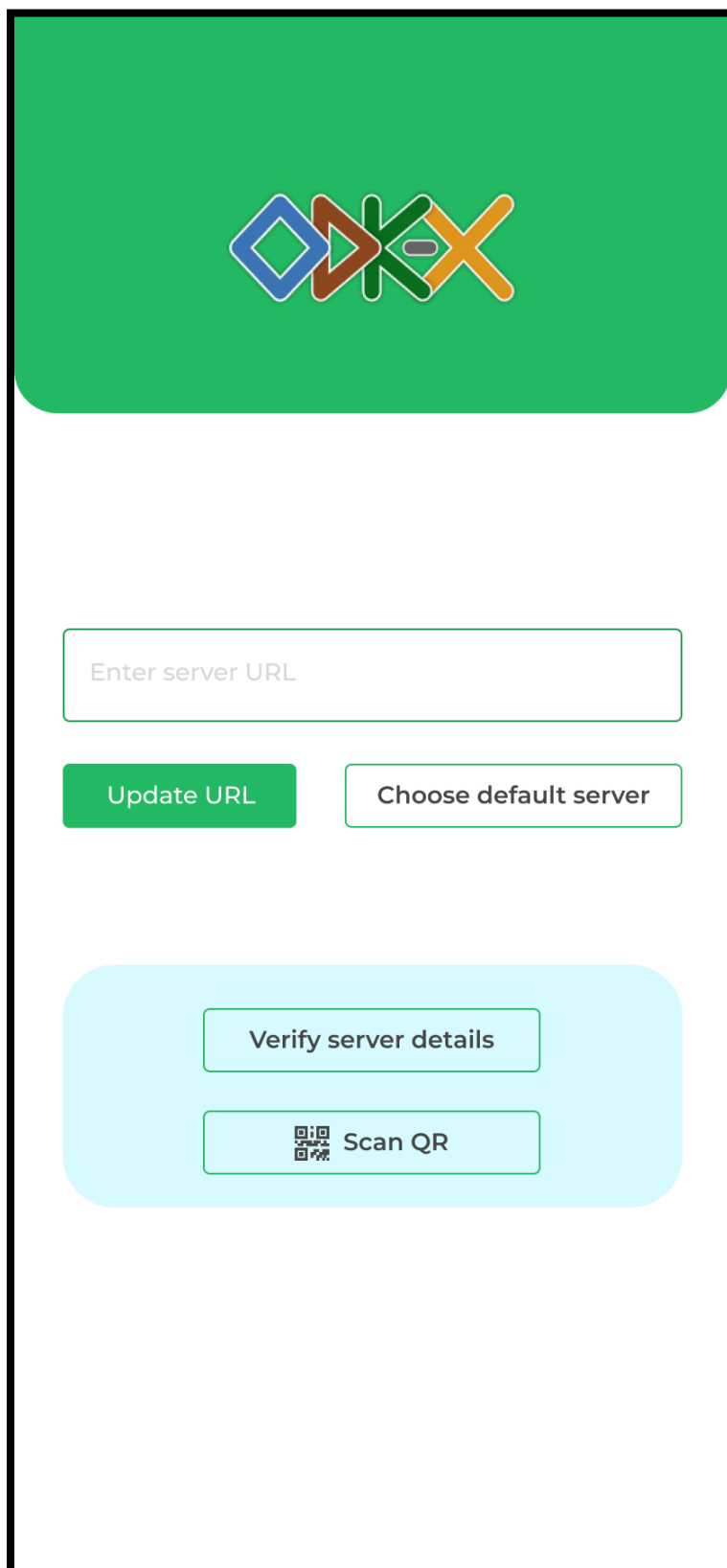
Sign in




Sign in

10. Update Server Details Screen - Portrait

a. Update Server Details




The screen features a green header with a logo consisting of four interlocking geometric shapes in blue, orange, green, and yellow. Below the header is a white background. A text input field with the placeholder "Enter server URL" is positioned above two buttons: a green "Update URL" button and a white "Choose default server" button with a green border. Below these is a light blue rounded rectangle containing two more buttons: a white "Verify server details" button and a white "Scan QR" button with a QR code icon.



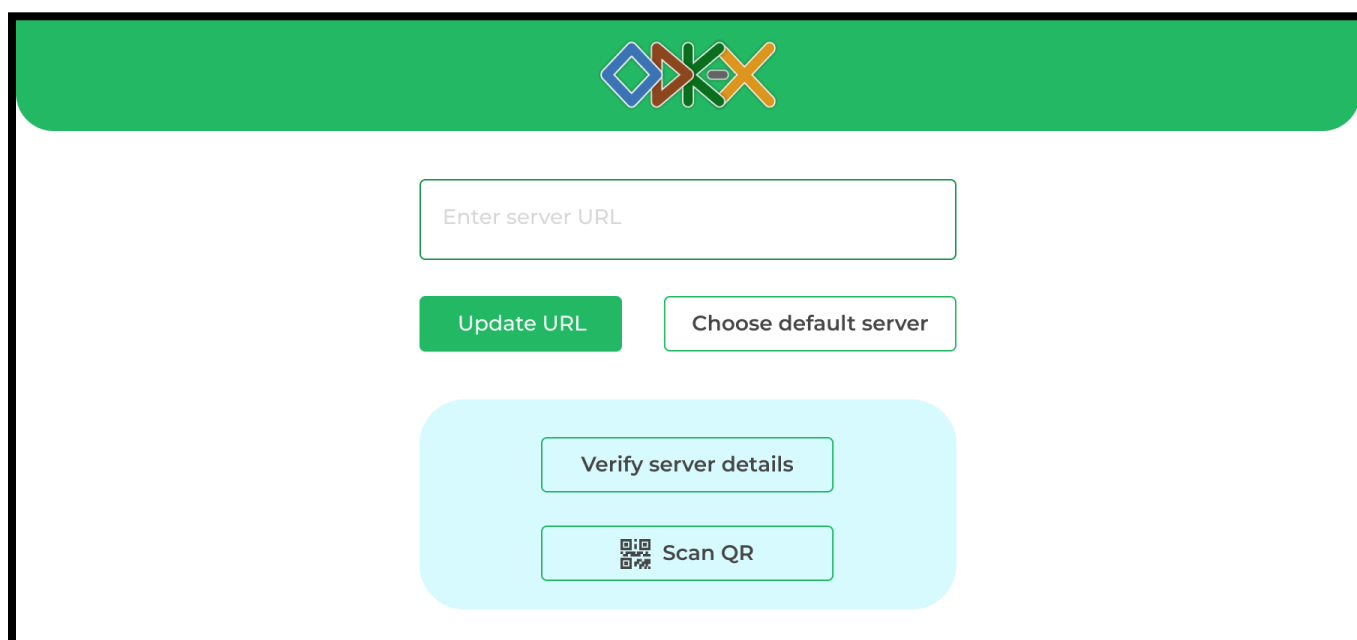
Update URLChoose default server

Verify server details


 Scan QR

11. Update Server Details Screen - Landscape

a. Update Server Details




The image shows a mobile application screen in landscape orientation for updating server details. At the top is a green header bar with a logo consisting of four overlapping squares in blue, red, green, and orange. Below the header is a white content area. It features a text input field with the placeholder text "Enter server URL". Below the input field are two buttons: a green "Update URL" button and a white "Choose default server" button with a green border. Below these buttons is a light blue rounded rectangle containing two more buttons: a white "Verify server details" button and a white "Scan QR" button with a QR code icon.



Update URL

Choose default server

Verify server details

 Scan QR