PROCESS FLOW - WORKING PROTOTYPE

Fill the Aadhar number and captcha fields and click the generate OTP button for successful login inside the web application (Tenant side).
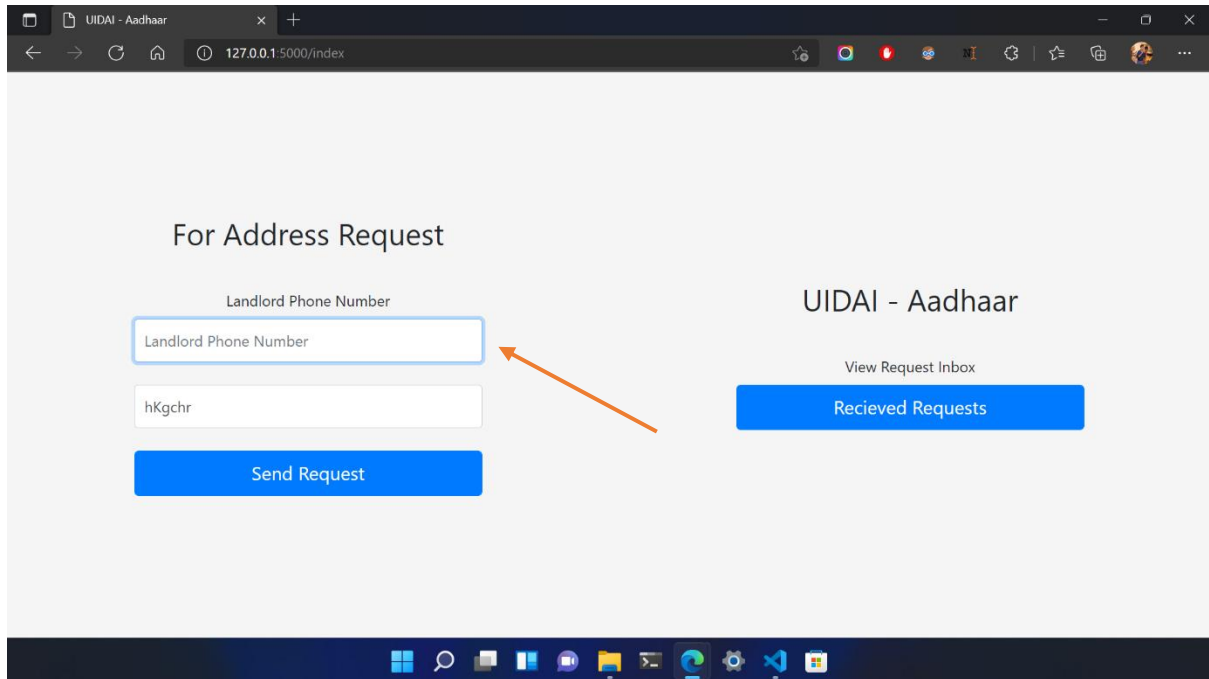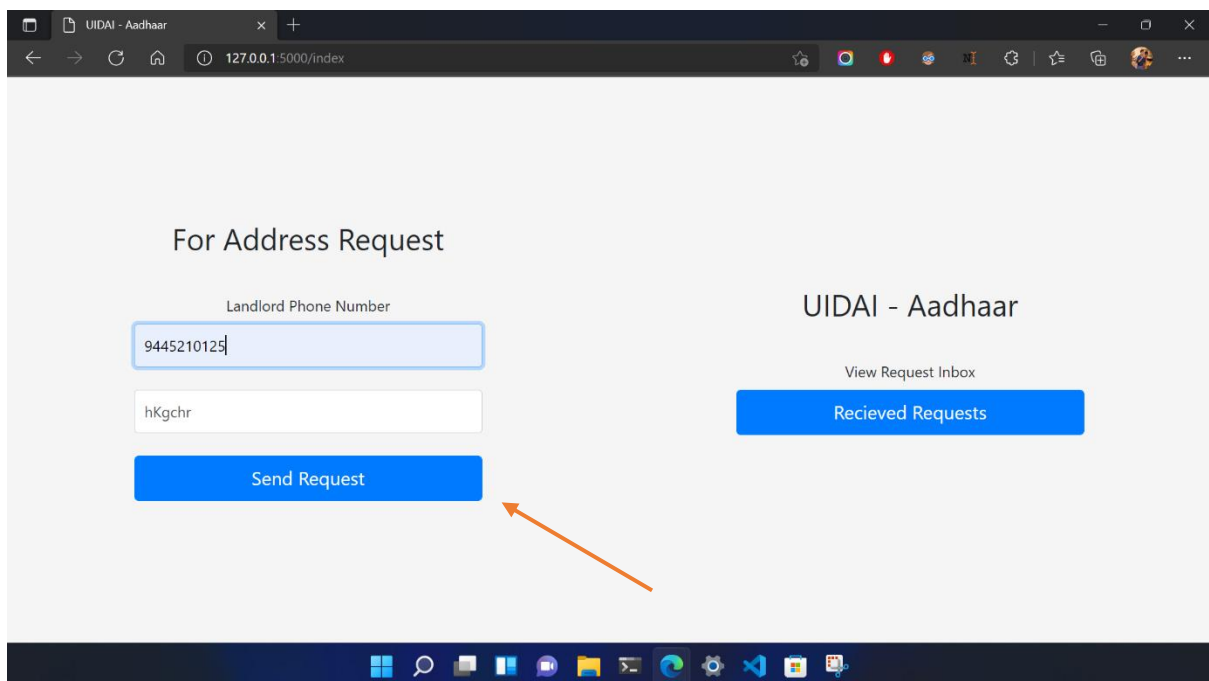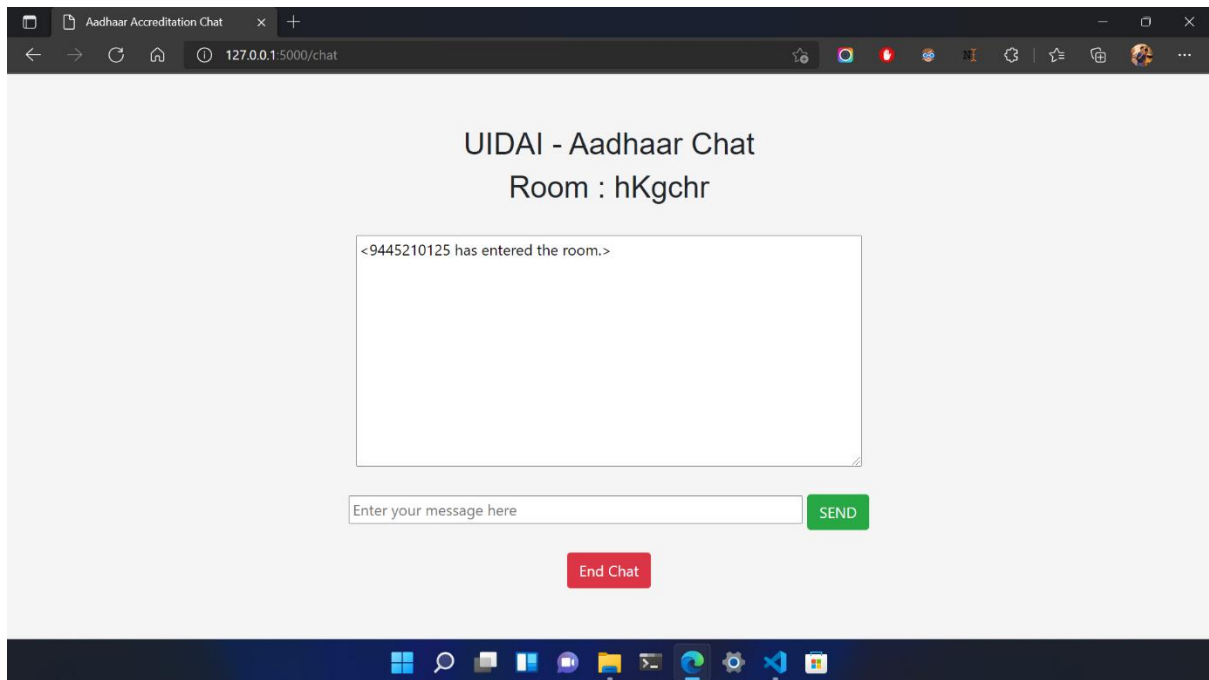

Enter the OTP that has been received to the mobile number linked with user's Aadhar number (Tenant side).
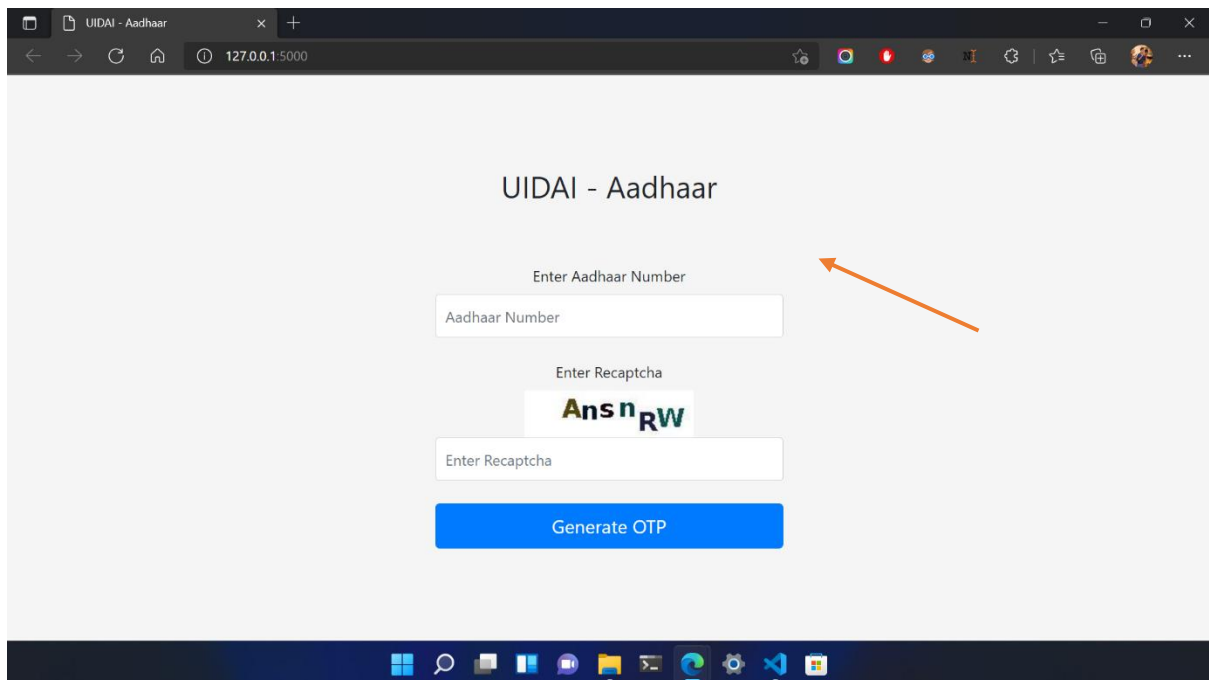
If user a tenant (who needs to update their address), then Enter Landlord's phone number.
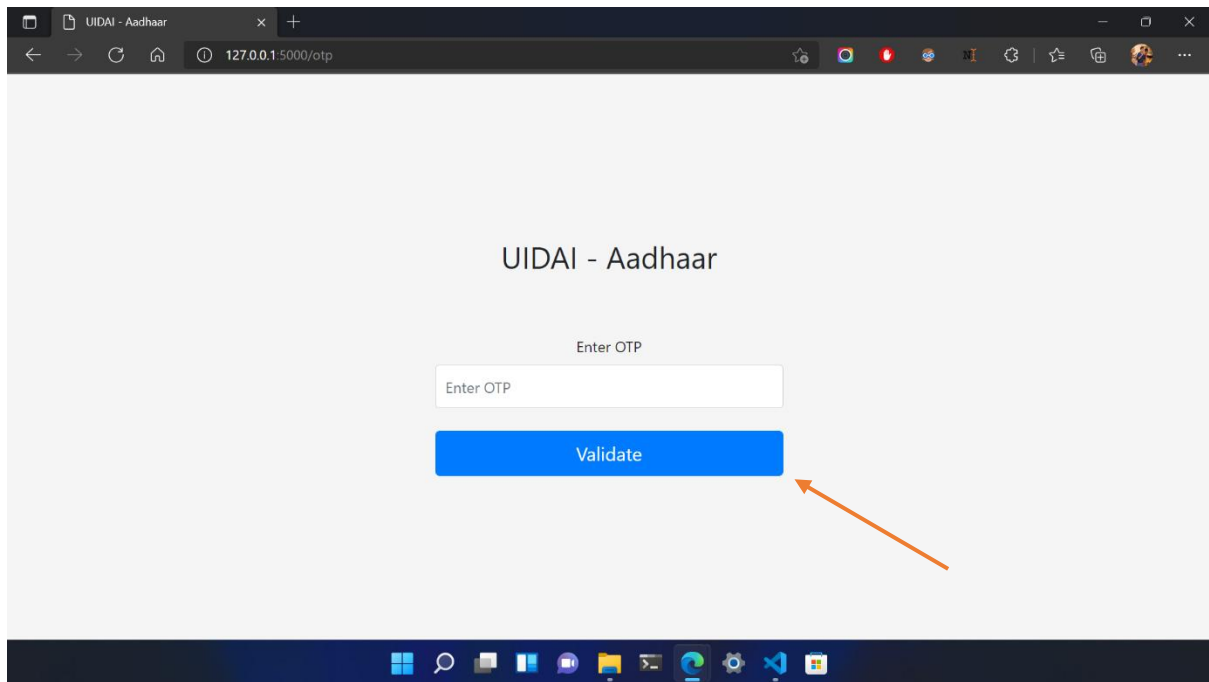

After entering the phone number, Click the Send Request button.

It will create a chat room with a session of 24 hours between the tenant and the landlord which is end-to-end encrypted conversation.


Fill the Aadhar number and captcha fields and click the generate OTP button for successful login inside the web application (Landlord side).
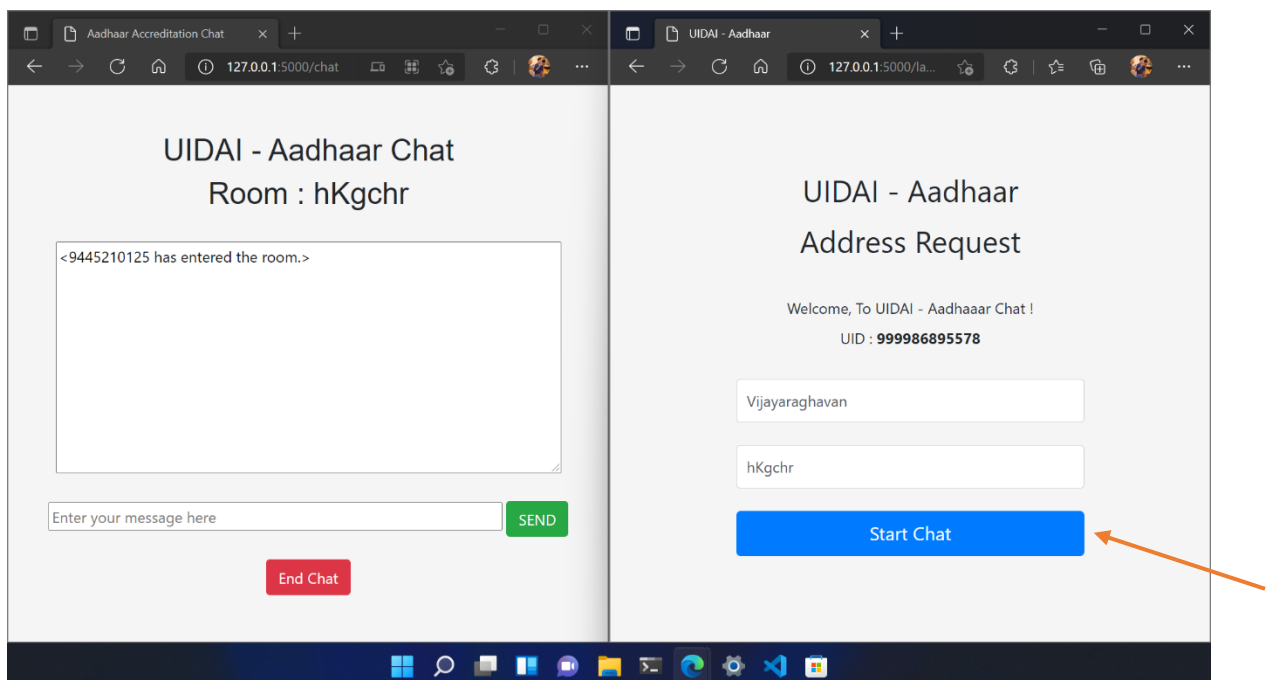
Enter the OTP that has been received to the mobile number linked with user's Aadhar number (Landlord side).
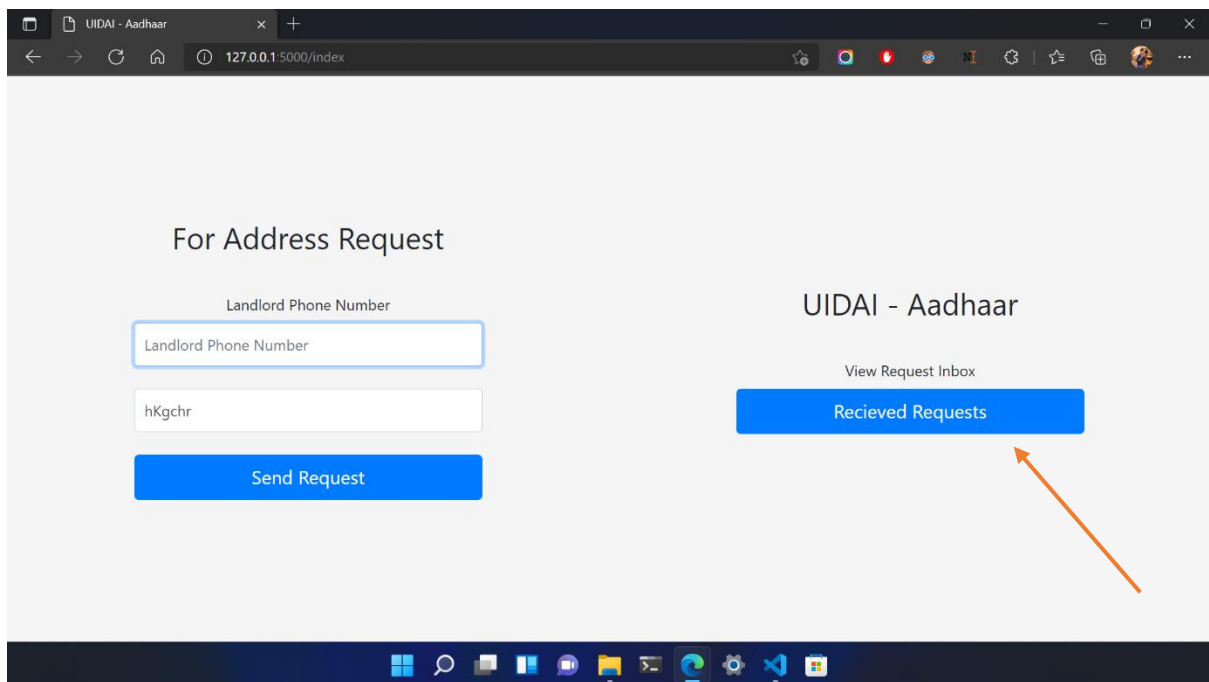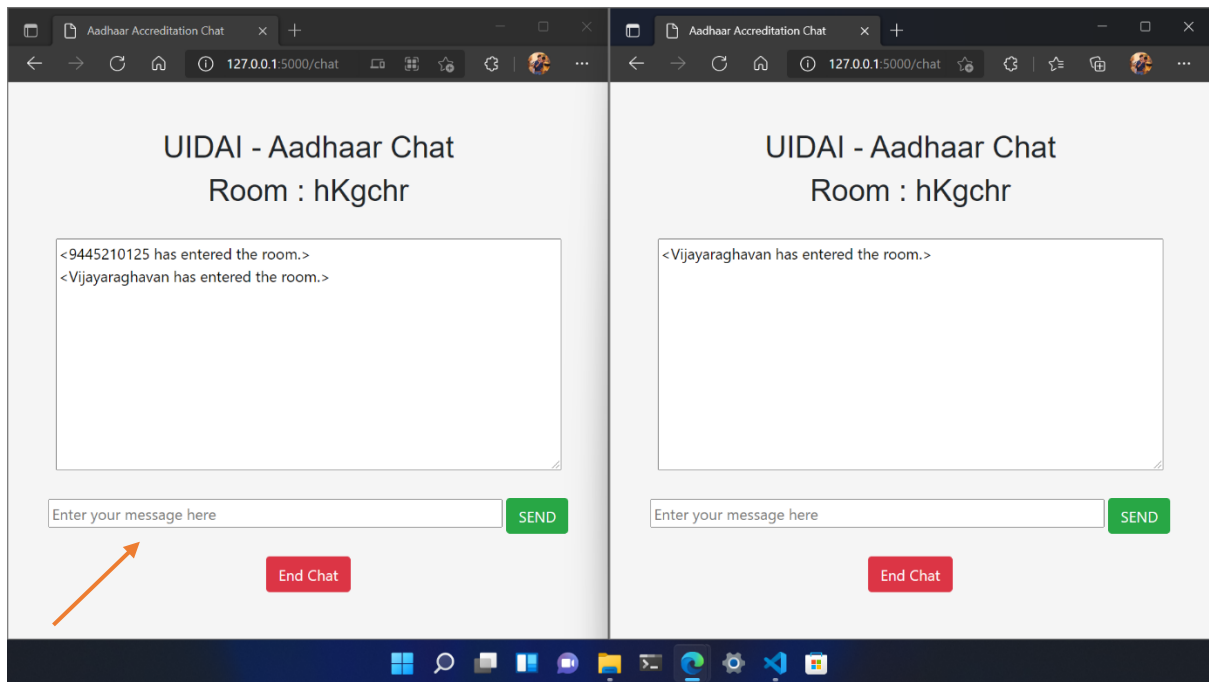

If user a landlord (who gives access to use their address specified in their Aadhar card), then click Received requests button to view all the requests.
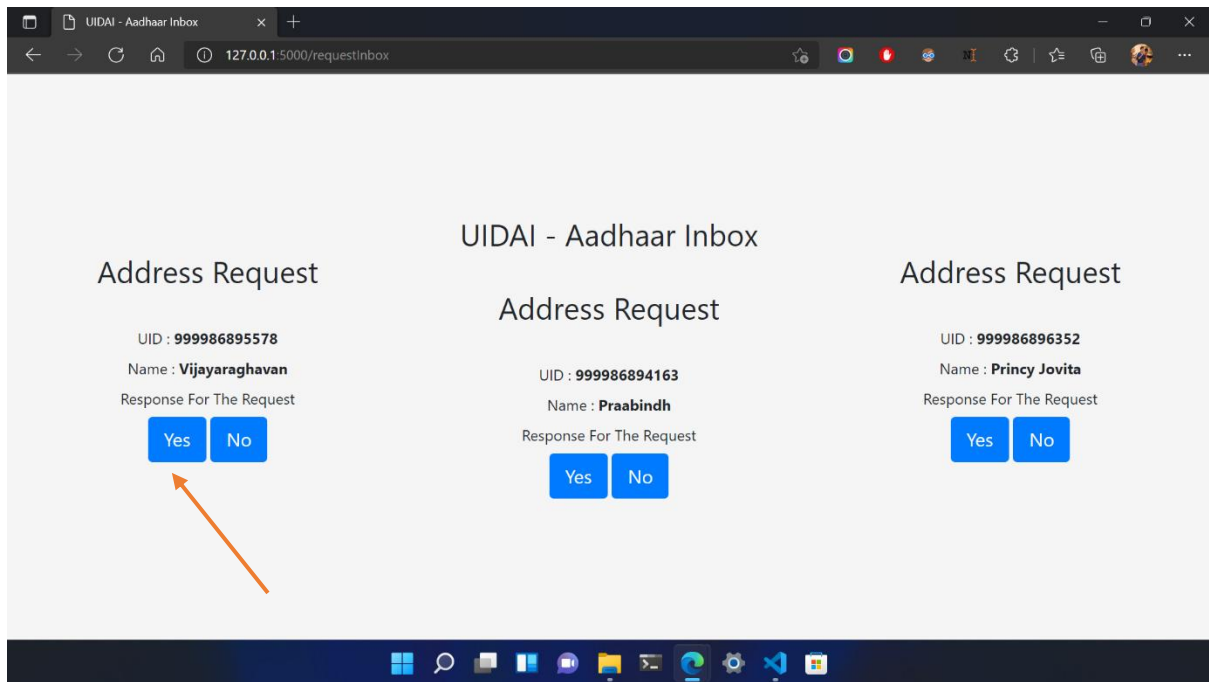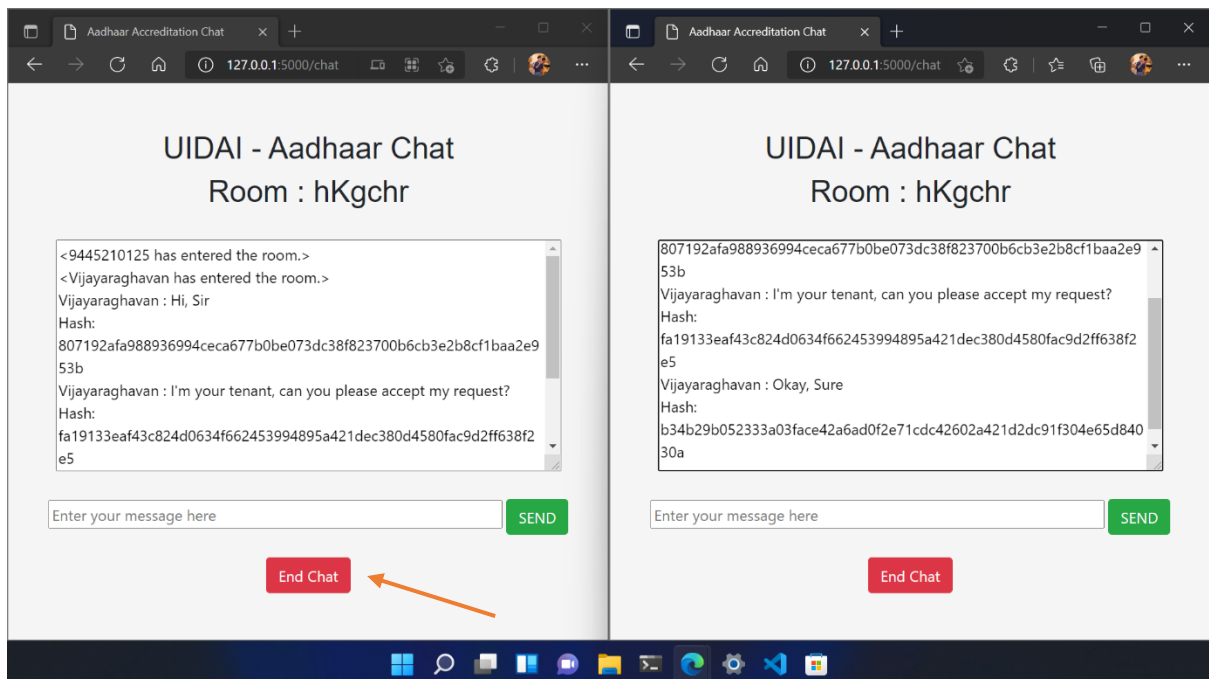
Check with all the requests and click yes if the person is authenticated, Else click no button.
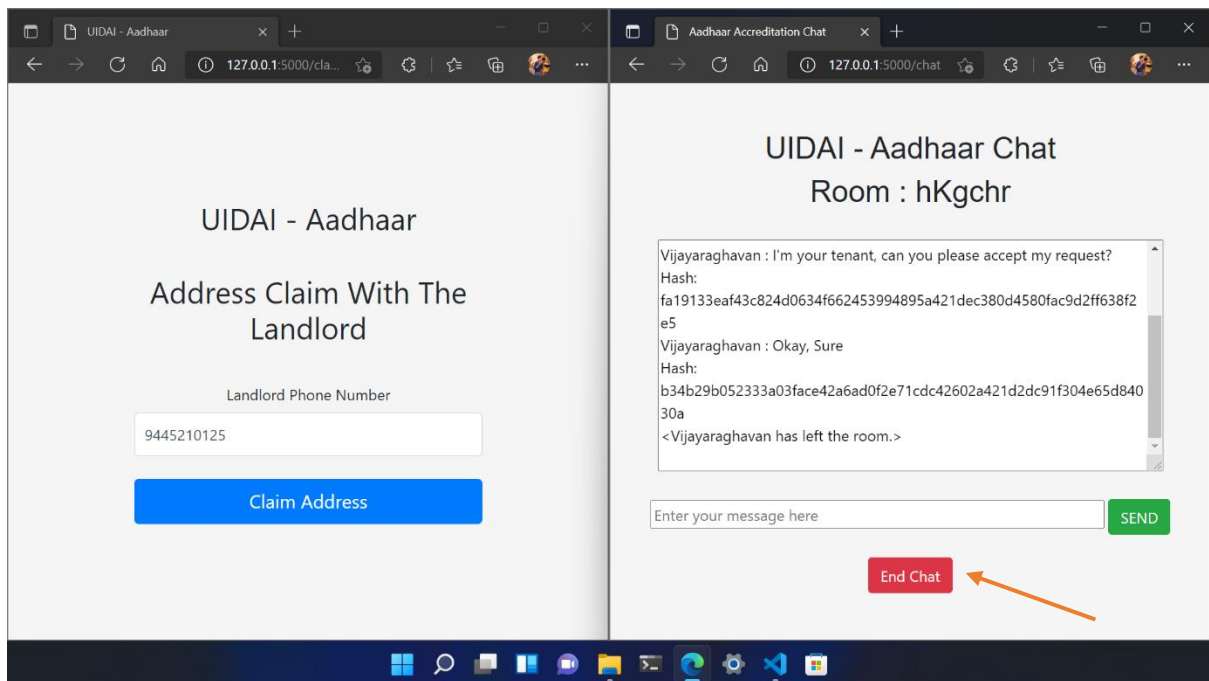

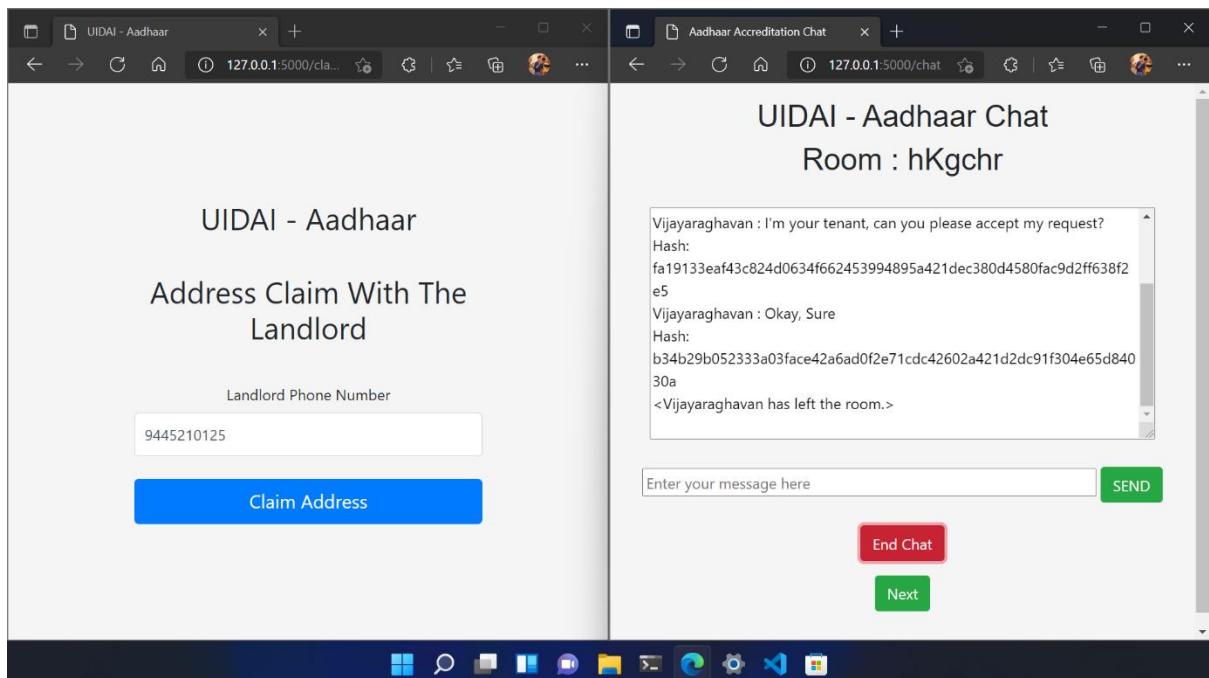To join the chat room created by the tenant, Click the start chat button.

To send messages, User can use the text box provided and click on the send button to make it reflect on the other side.

After a successful conversation, the user (Tenant) should click on the End Chat button.

Simultaneously, the Landlord should click the End Chat button too.

After clicking on the End Chat button, the next button will be enabled.
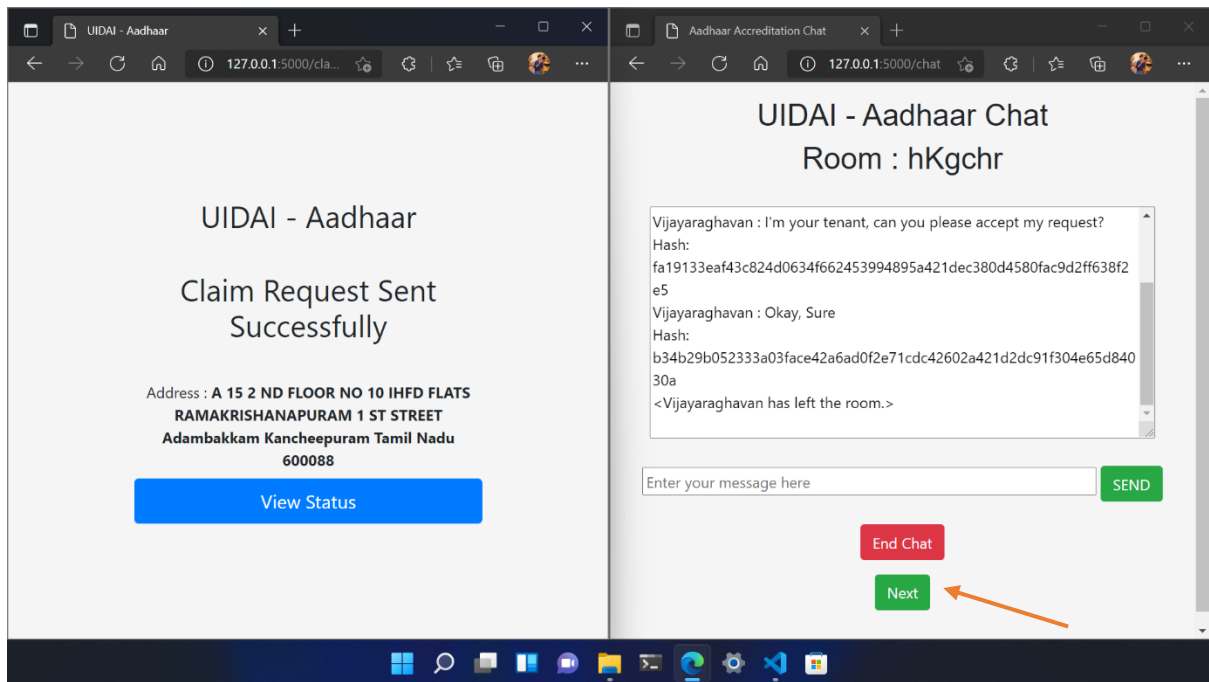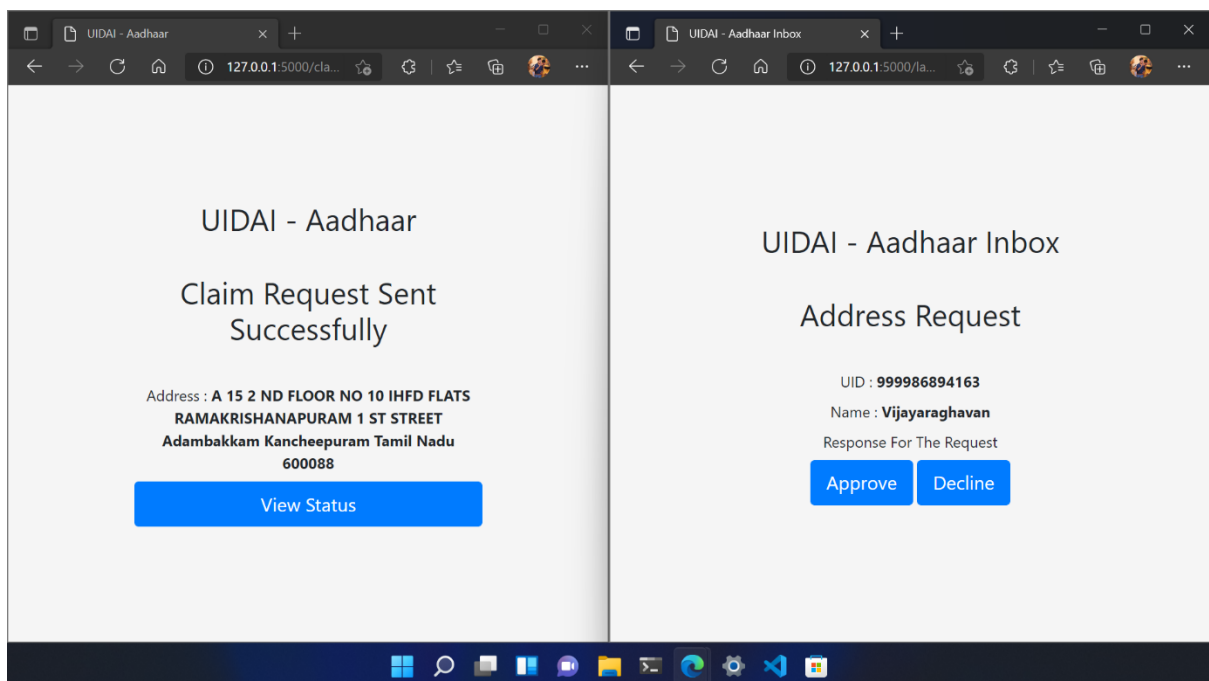
The user (Tenant) should enter the Landlord's Aadhar number to claim address from their data and click on the Claim Address button.
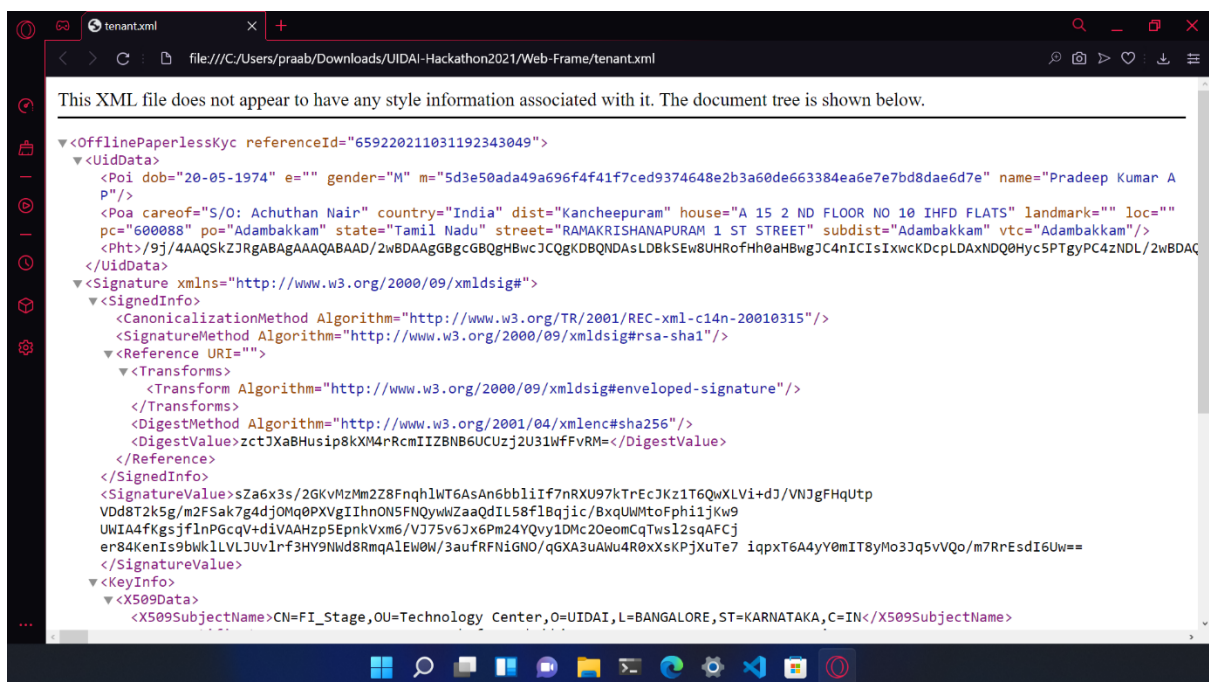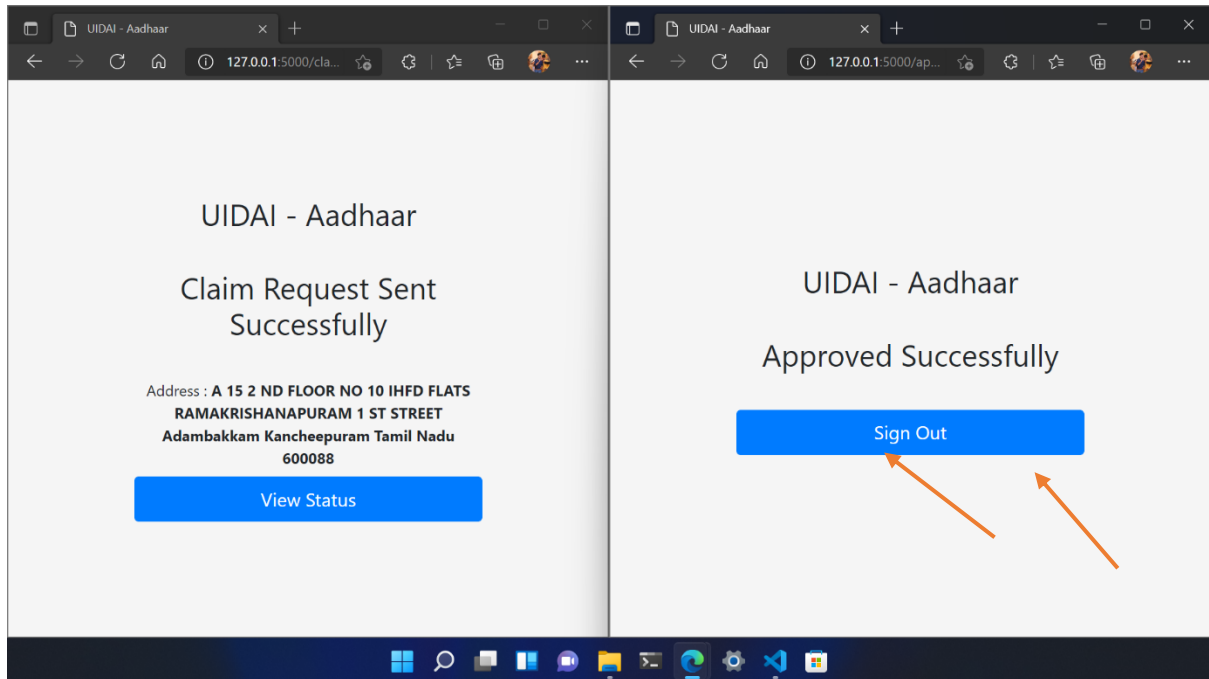

Here is the XML file of the tenant's actual Aadhar details before updating their address.
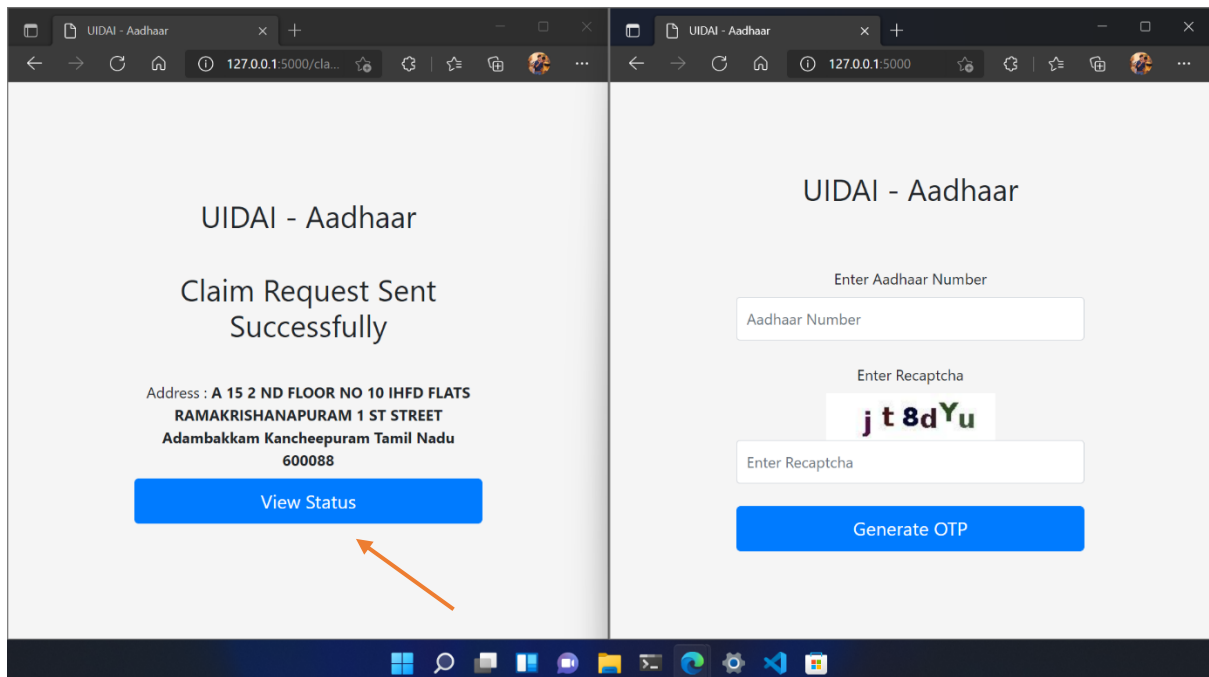
Landlord should click on the Next button to move on to the access giving page.
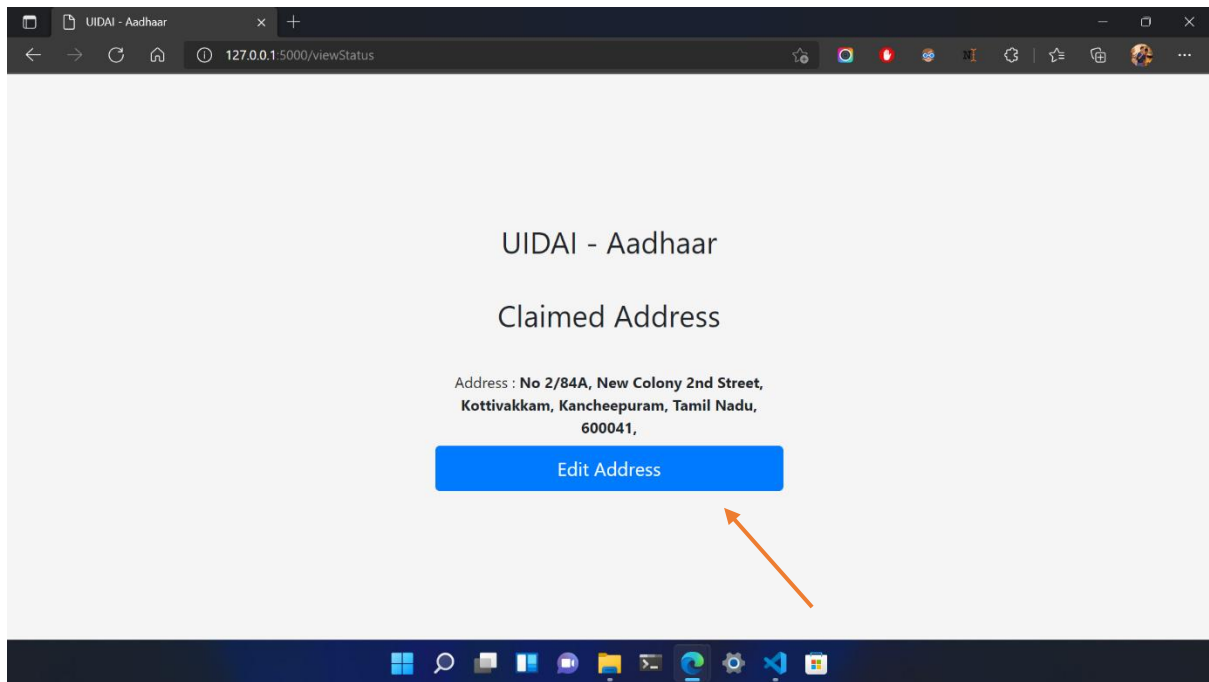

If the Landlord is willing to give their tenant access, then click on the Approve button. Else click on the Decline button.
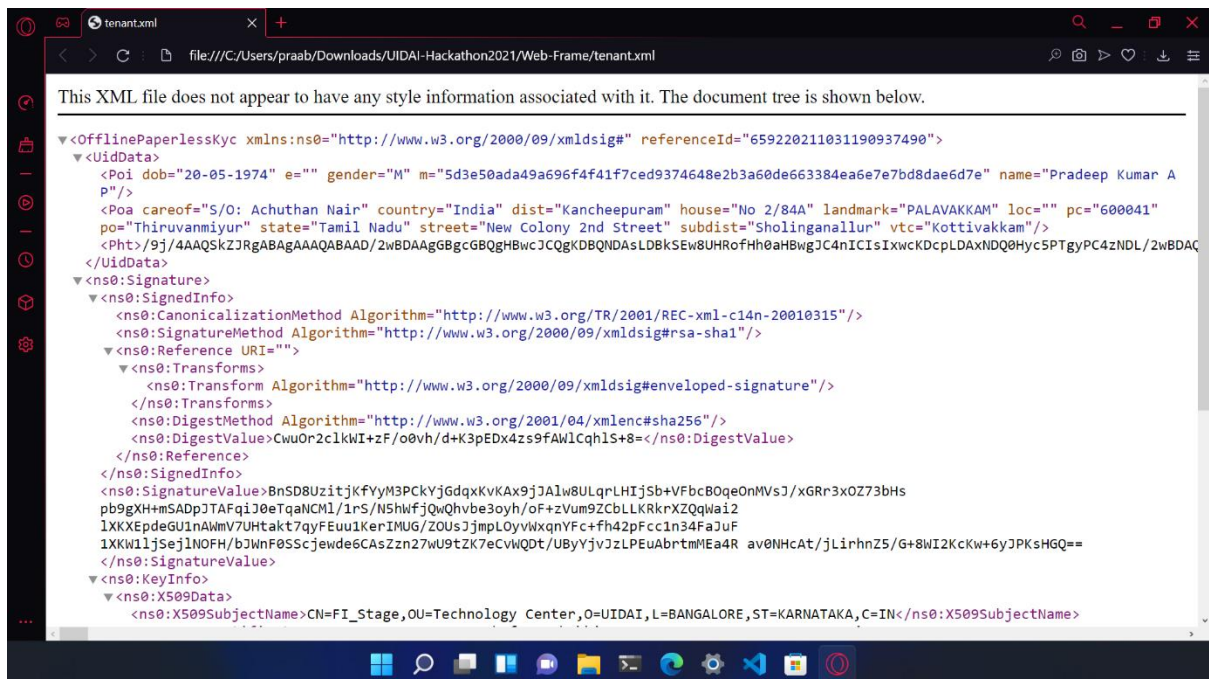
After approving or declining, the user (Landlord) can sign out.

The Tenant can view the status of their request by clicking on the View Status button.
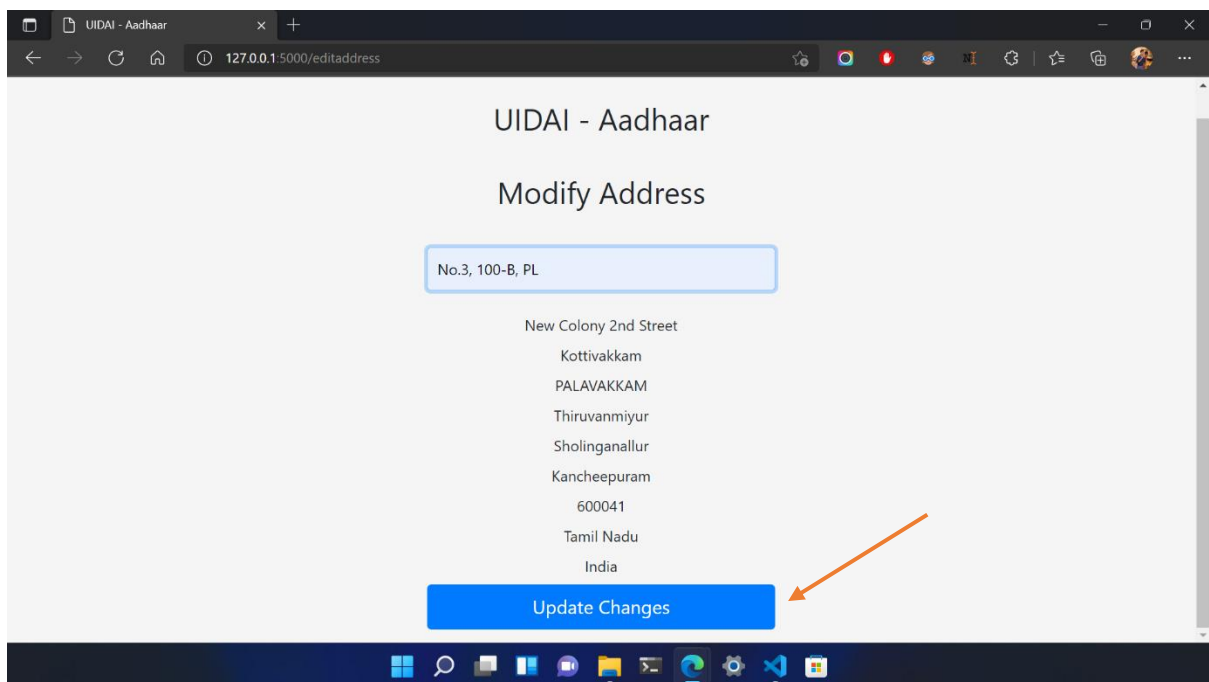
Here, the address that have been claimed from Landlord's data is displayed and User should click on the Edit Address button for minor changes.
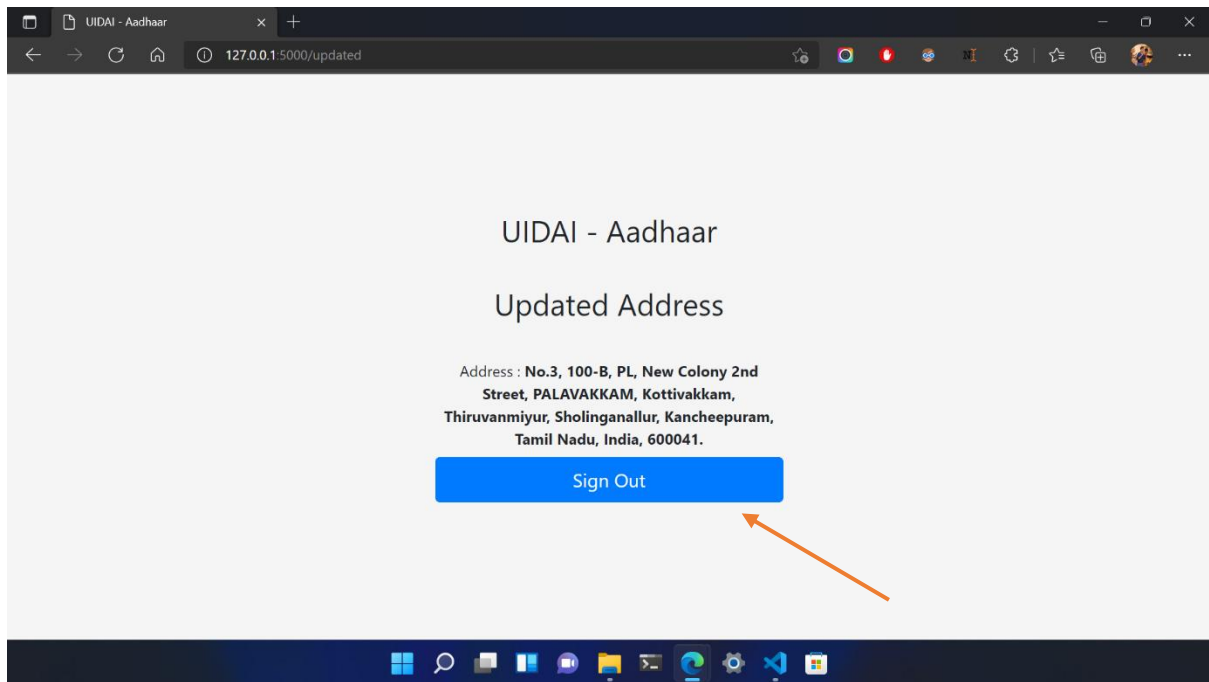

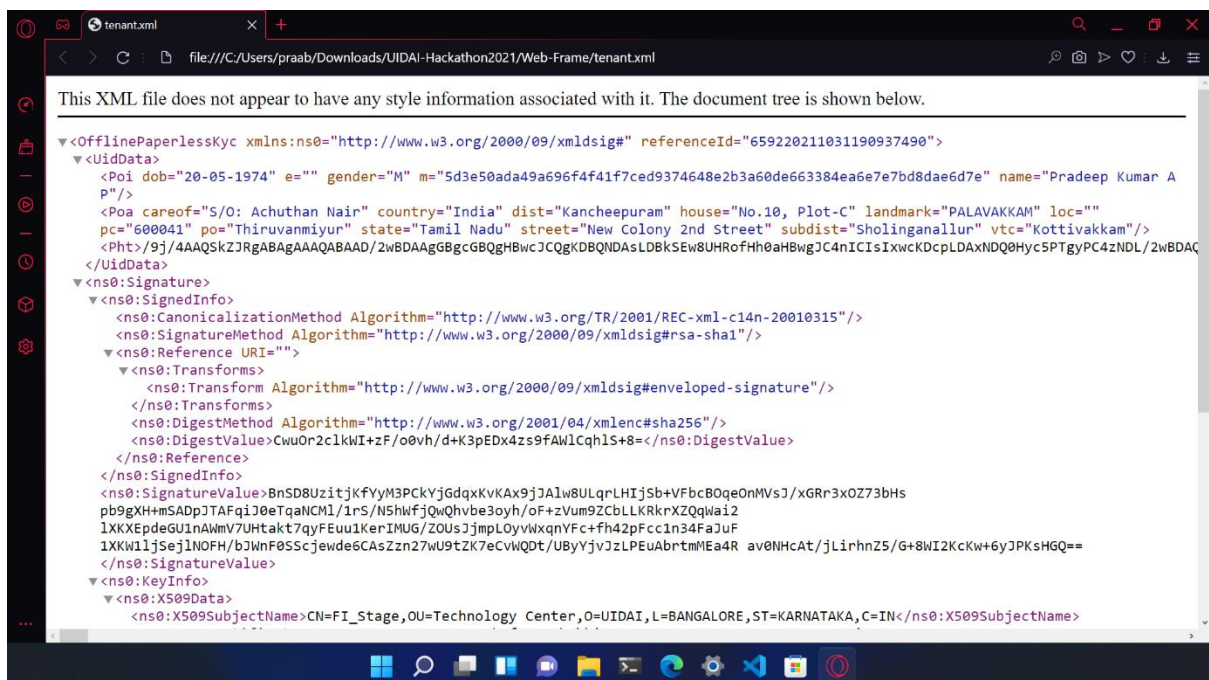This is the XML file of the user (Tenant) after claiming the address from Landlord.
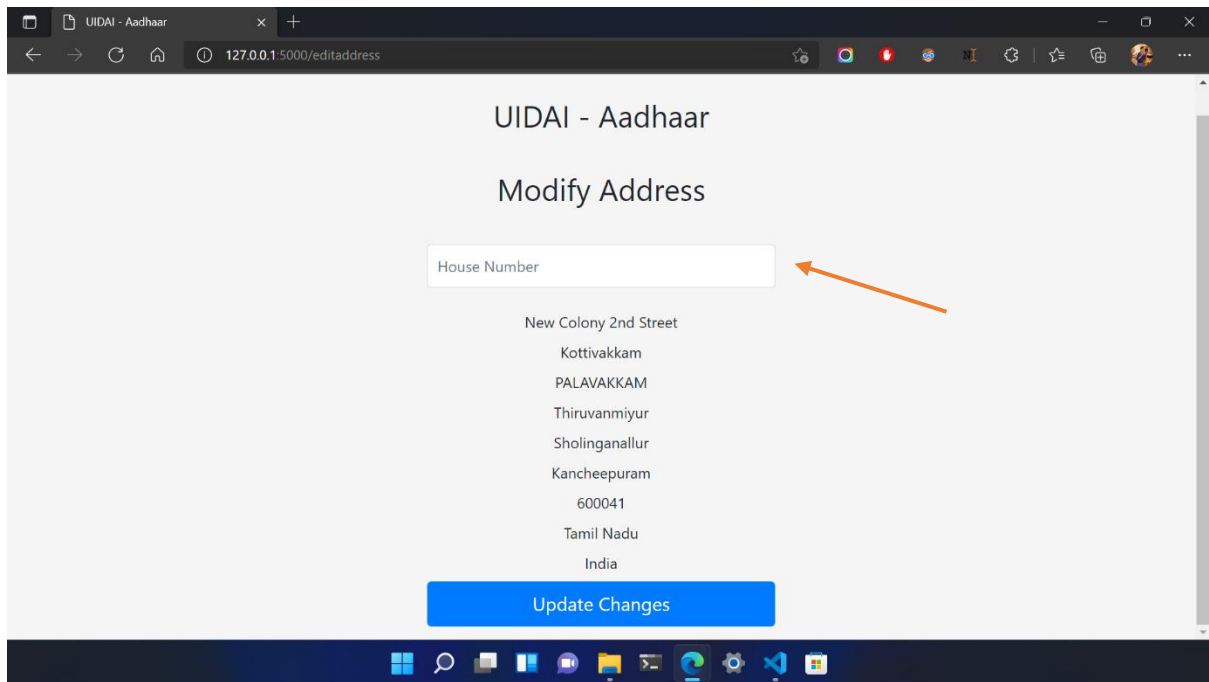
Here, User can edit their house number.

Click on the Update Changes button to make it reflect on the XML file.

The updated address is displayed here and the user can sign-out from the webapp.

This is the final updated copy of XML file of the user which will be further stored in database.