UIDAI – AADHAAR HACKATHON 2021

ABSTRACT

The Main Concern is to Update the address in the Aadhaar Card and the Problem Statement we have chosen is Address Update Challenge in Urban Areas. The Approach is to Update the Address for the User. The solution can be given virtually where the user login with the Captcha Given and the Request is sent to the Landlord's Number which Incase both the Parties Agrees, they are taken to a virtual chat session which would be active for 24 hours to have a direct virtual request of the address from the landlord, here the conversation between the user and the landlord are stored as blocks and are hashed by hybrid encryption and steganography algorithm. The address received can undergo minor alterations by the tenant and E-KYC is updated at the End. Thereby data is acquired and the updation process is completed successfully.

In the Beginning, the user and the landlord authenticates themselves with the login and verifies the identity by entering the OTP which will be sent to their phone numbers. Then the user forwards a request to the landlord regarding the address update and approval, if the landlord agrees with the request there would be a dedicated session between the user and the landlord. After the session the user claims for the address from the landlord where the landlord can approve or decline the claim. If approved the address from the landlord will be amended to the user from the database where the address is fetched from the landlord and only minor changes can be edited by the user in the claimed address. After editing the address, the address would be successfully updated to the users aadhaar.

Considering the user has in hand the landlord's phone number, providing such in the user input and equating it with the database which will initiate a trigger notification to the phone number provided as an input. The landlord considers the notified information as authentic, in return granting the user with distinctive access through which the user can get acquainted with the appropriate address. After knowing the address, the user can amend the respective changes to be done in the AADHAR by following the existing procedures.

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