UIDAI Hackathon

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Team Member Details

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About the Problem Statement

- Theme :   Address Update
- Problem Statement 1: Address update challenges in urban areas

  - A common problem being faced by many migrant residents.
  - Imagine you move to a new city, For getting basic needs like gas connection or to get hold of internet to be online using broadband, you are asked for current Proof of Address.
  - This problem statement designed to solve the address update problem even when Proof of Address (PoA) Document is not there.

Approach

- In order to do address update to your Aadhaar, A request is made to landlord for borrowing his address that used to update your Aadhaar through the App/Portal in auditable manner.

- By posting your request to borrow address, landlord gets notification on the phone and review the request for address.

- If landlord agrees to share address, the verification process is done through a consent logs preserved for audit purpose.

Architectural Diagram
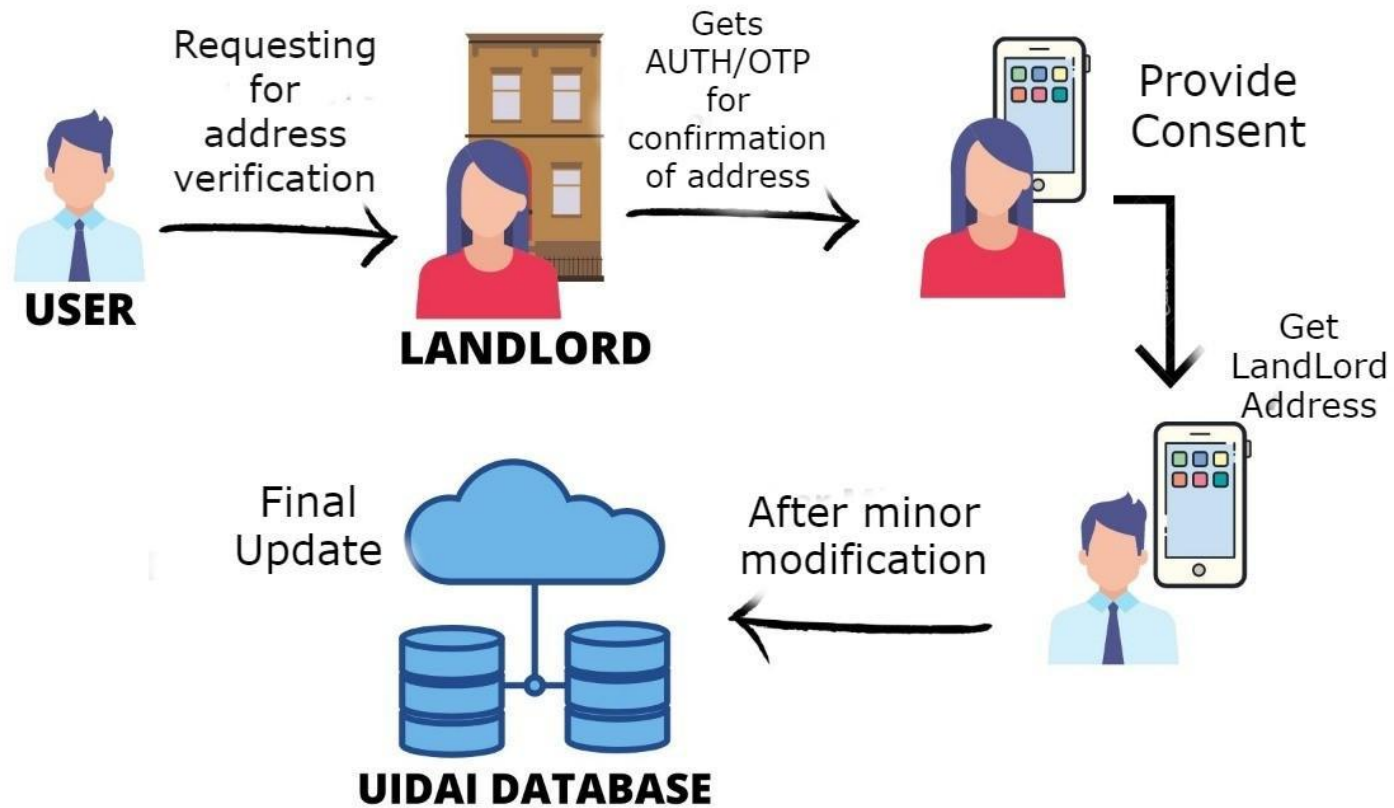
Software Used

- Visual studio-PHP,JAVASCRIPT,CSS

- Android Studio-JAVA,XML

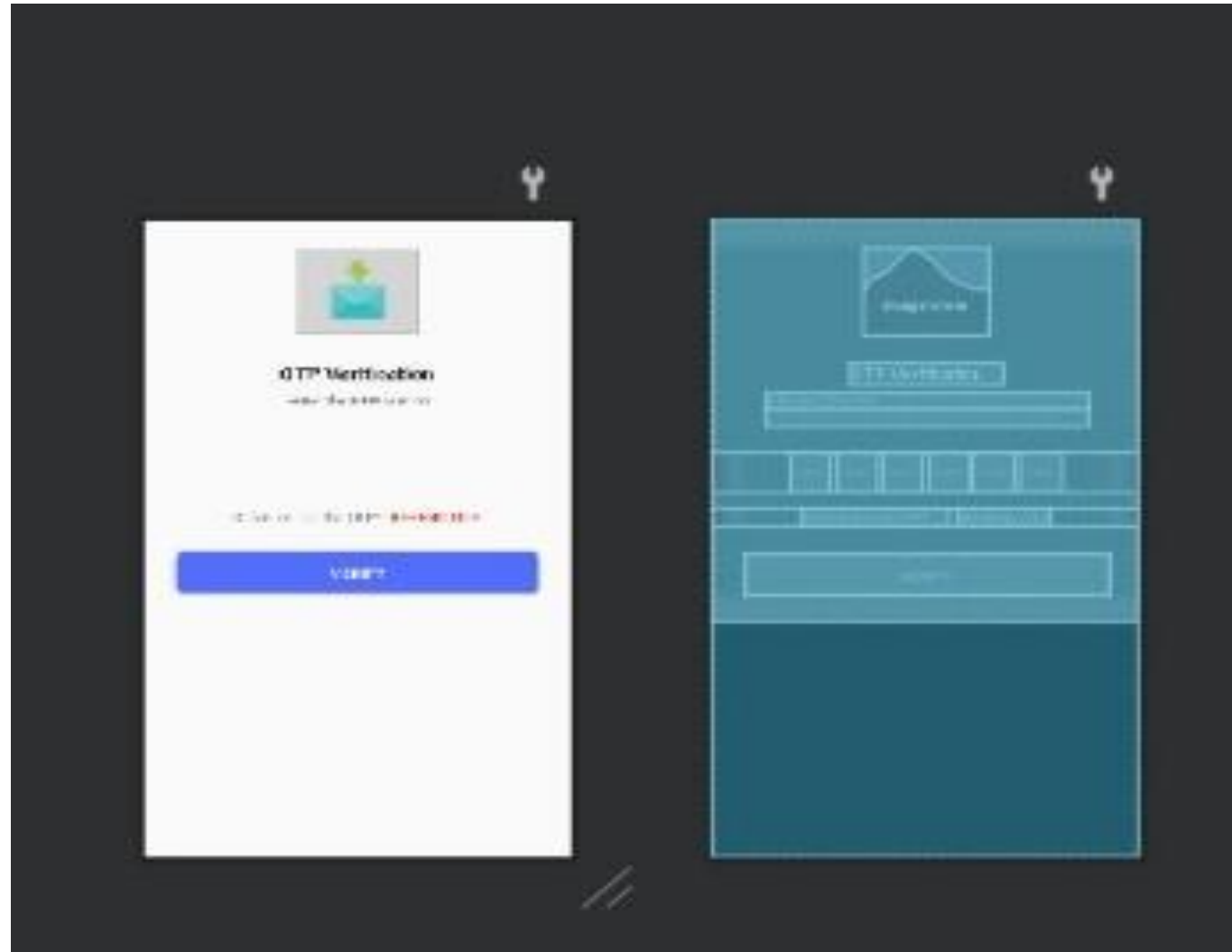- Firebase-To generate OTP

Proposed Concept

1. In this webpage we are made a way of phone authentication.

2. By this first send the OTP to the user by the mobile number for the login purpose then we send the OTP to the landlord.

3. Then the landlord will change the old address to new address in the aadhar of the client.

Send OTP page

Verification page

API Usage

- Authentication API: Authentication schemes provide a secure way of identifying the calling user.

- OTP API : From this, you can programmatically obtain an OTP from an SMS message and verify a phone number for the user more easily.

- Offline eKYC API : Used to describe the digitalization and electronic online conception of KYC processes.

- Here, the Aadhaar eKYC API is used to fetch landlords address, which is protected by OTP Authentication.

Security Considerations

- The OTP generation/password and new address info is sent to the landlord confidentially and updated.

- This application can be accessed only between landlord and UIDAI so that third parties affairs is not possible, passcode and eKYC is safely destroyed after usage.

- During this process other information linked with the Aadhaar card cannot be accessed by the landlord.

- Complete process is auditable and free from fraudulent usage.

- This process is fully secured and protected.

Thank you