



UIDAI-Aadhaar Hackathon 2021

TEAM NAME : No0bH@ckers
REFERENCE ID : jbtUQB0mkM

TEAM DETAILS

- ▶ TEAM NAME – No0bH@ckers
- ▶ REFERENCE CODE – jbtUQB0mkM
- ▶ GITHUB URL - <https://github.com/mihirgadwalkar/UIDAIHackathon2021TeamNoobHackers>
- ▶ MIHIR GADWALKAR – mihirgadwalkar@gmail.com – 8500949312 – 8919765283 (TEAM LEAD)
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PROBLEM STATEMENT-3 :

ADDRESS FORMATTING ISSUE

- ▶ UIDAI Address Object Consists of Common Fields Like
- ▶ House/Building/Apartment
- ▶ Street/Road/Lane Area/Locality/Sector, Landmark,
- ▶ Village/Town/City
- ▶ Pin-code
- ▶ Sub District
- ▶ District, State

5th floor, Type E1 Qtr, City Telephone Exchange,
Waudby Road, Hajarimal Somani Marg,
Near Godrej Bhavan, Fountain,
VTC: Mumbai,
PO: Mumbai G.P.O.,
Sub District: Mumbai, District: Mumbai,
State: Maharashtra,
PIN Code: 400001,

- 
- ▶ Often Address in Urban Area Contains Repetition of Texts

Example : “Mumbai”

- ▶ De-Clutter the Address

Identify Repetitive Constituents

Merge and Format the Address

- ▶ Optionally Solve for Local Language Address

- ▶ Develop the API which will undertake Address Formatting

Accepts the Address in Raw Form (English and Local Language Address)

Formats the Address and Presents as an Output

- ▶ Must be a Scalable Design

SOLUTION

- ▶ We have designed an API we solves the problem of address formatting, it accepts input in the form of JSON and also outputs the same in form of JSON.
- ▶ For Simplicity to understand we have put the working in form of a web application developed using MEAN Stack.
- ▶ It takes input as Aadhaar Number and checks if it's a registered user otherwise it ask's the user to register for AADHAAR.
- ▶ It outputs the formatted address in form of a JSON which is displayed upon clicking Update Address.
- ▶ It also consists a Register Address option which accepts Aadhaar Number and other Address fields among which few can be optional as inputs and stores the same in the database.
- ▶ We have tested enough inputs and it worked for all.

SCREEN SHOTS

Browser window showing the Aadhaar Update Address page.

Browser tabs: NoobHackersUIDAI2021

Address bar: localhost:3000/#/update

Page Header:

- Unique Identification Authority of India
- Government of India
- Update Address Register Address

Main Content:

Update your Aadhaar Address here!

AADHAAR

Aadhaar Number

SCREEN SHOTS

Browser window showing the registration page for Aadhaar address registration.

Browser tabs: NoobHackersUIDAI2021

Address bar: localhost:3000/#/register

Navigation bar: Apps, CP, SI-Assignments, Solutions IB | Linke..., System Performance, Blockchain, Back-End, OS Lab, VNR-2023-CSIT-P2..., Other bookmarks, Reading list

Logo: Unique Identification Authority of India, Government of India

Buttons: Update Address, Register Address

Registration Form:

Register your Address for Aadhaar here!

Aadhaar Number

House/Bulding/Apartment

Street/Road/Lane

Area/Locality/Sector

Landmark

Village/Town/City

SCREEN SHOTS

The screenshot shows a web browser window with the following details:

- Tab:** NoobHackersUIDAI2021
- Address Bar:** localhost:3000/#/register
- Bookmarks Bar:** Apps, CP, SI-Assignments, Solutions IB | Linke..., System Performance, Blockchain, Back-End, OS Lab, VNR-2023-CSIT-P2..., Other bookmarks, Reading list

The registration form contains the following fields:

-
- Area/Locality/Sector
- Landmark
- Village/Town/City
- Sub-District
- District
- State
- Pincode

SCREEN SHOTS

Browser: NoobHackersUIDAI2021 | URL: localhost:3000/#/register

Unique Identification Authority of India
Government of India

[Update Address](#) [Register Address](#)

Register your Address for Aadhaar here!

Aadhaar Number

House/Bulding/Apartment

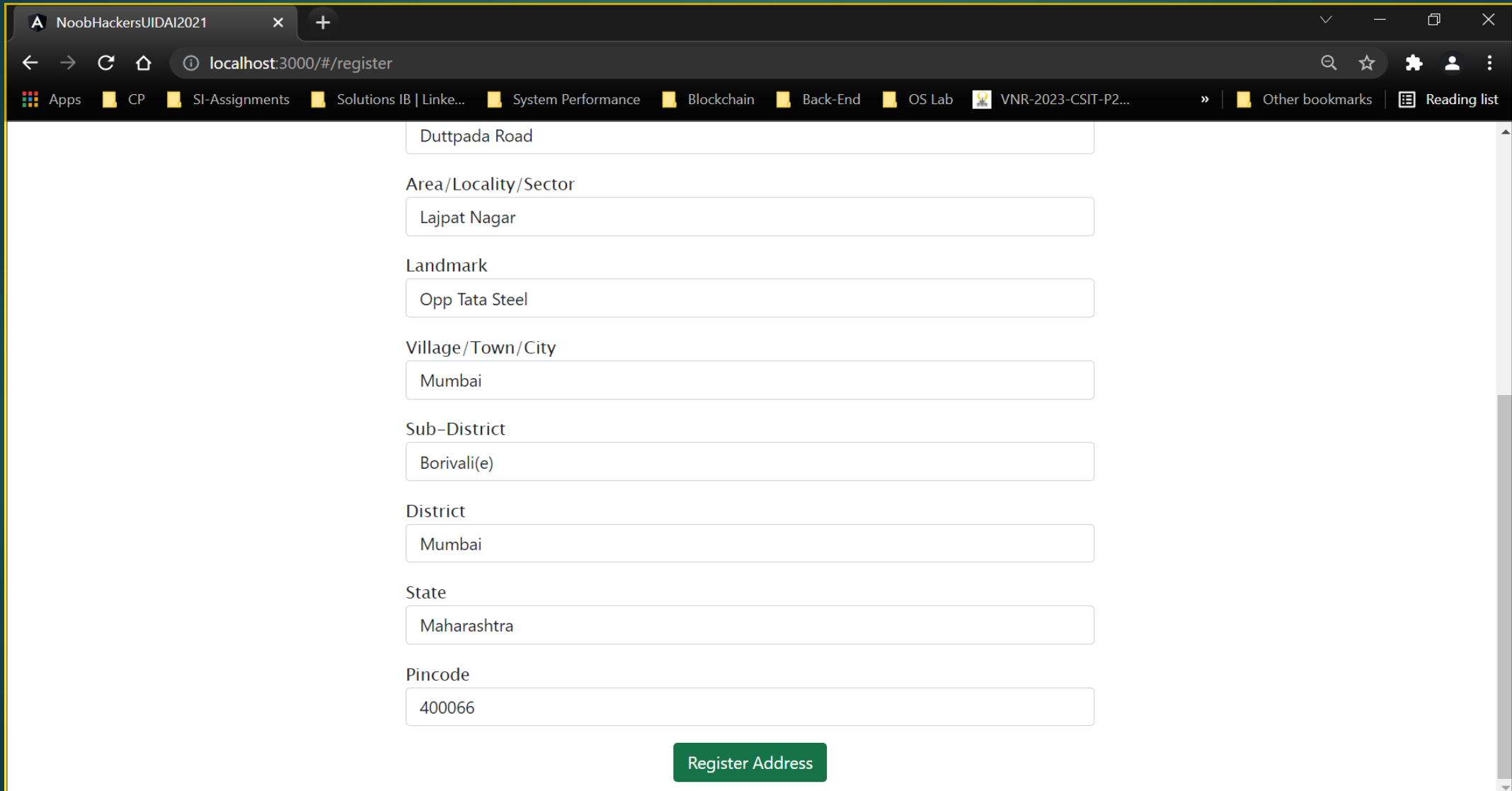
Street/Road/Lane

Area/Locality/Sector

Landmark

Village/Town/City

SCREEN SHOTS

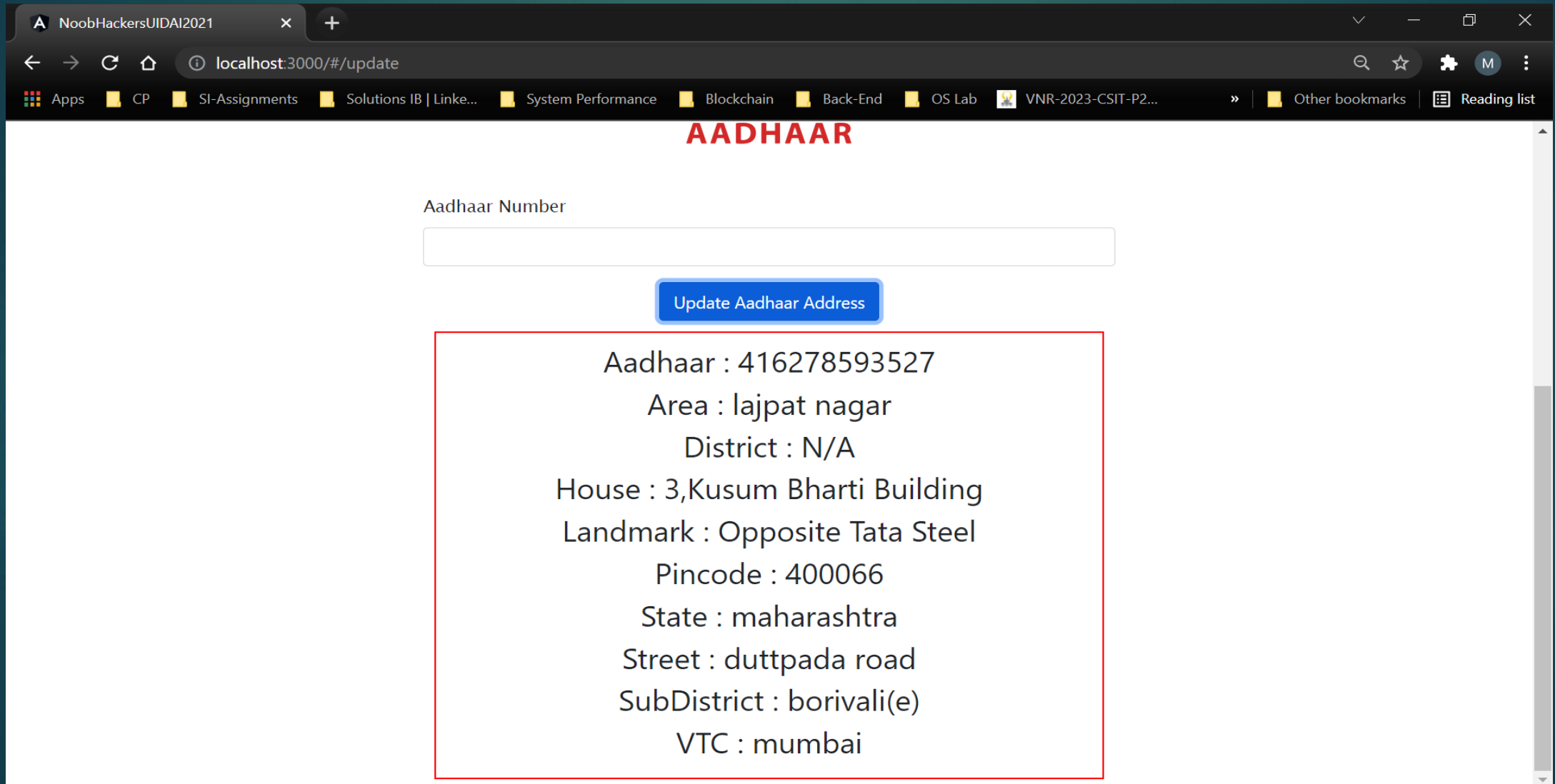


The screenshot shows a web browser window with the address bar displaying "localhost:3000/#/register". The browser's bookmark bar is visible with various categories like "Apps", "CP", "SI-Assignments", "Solutions IB | Linke...", "System Performance", "Blockchain", "Back-End", "OS Lab", and "VNR-2023-CSIT-P2...". The main content area contains a registration form with the following fields:

- Duttpada Road**
- Area/Locality/Sector**
Lajpat Nagar
- Landmark**
Opp Tata Steel
- Village/Town/City**
Mumbai
- Sub-District**
Borivali(e)
- District**
Mumbai
- State**
Maharashtra
- Pincode**
400066

At the bottom of the form is a green button labeled "Register Address".

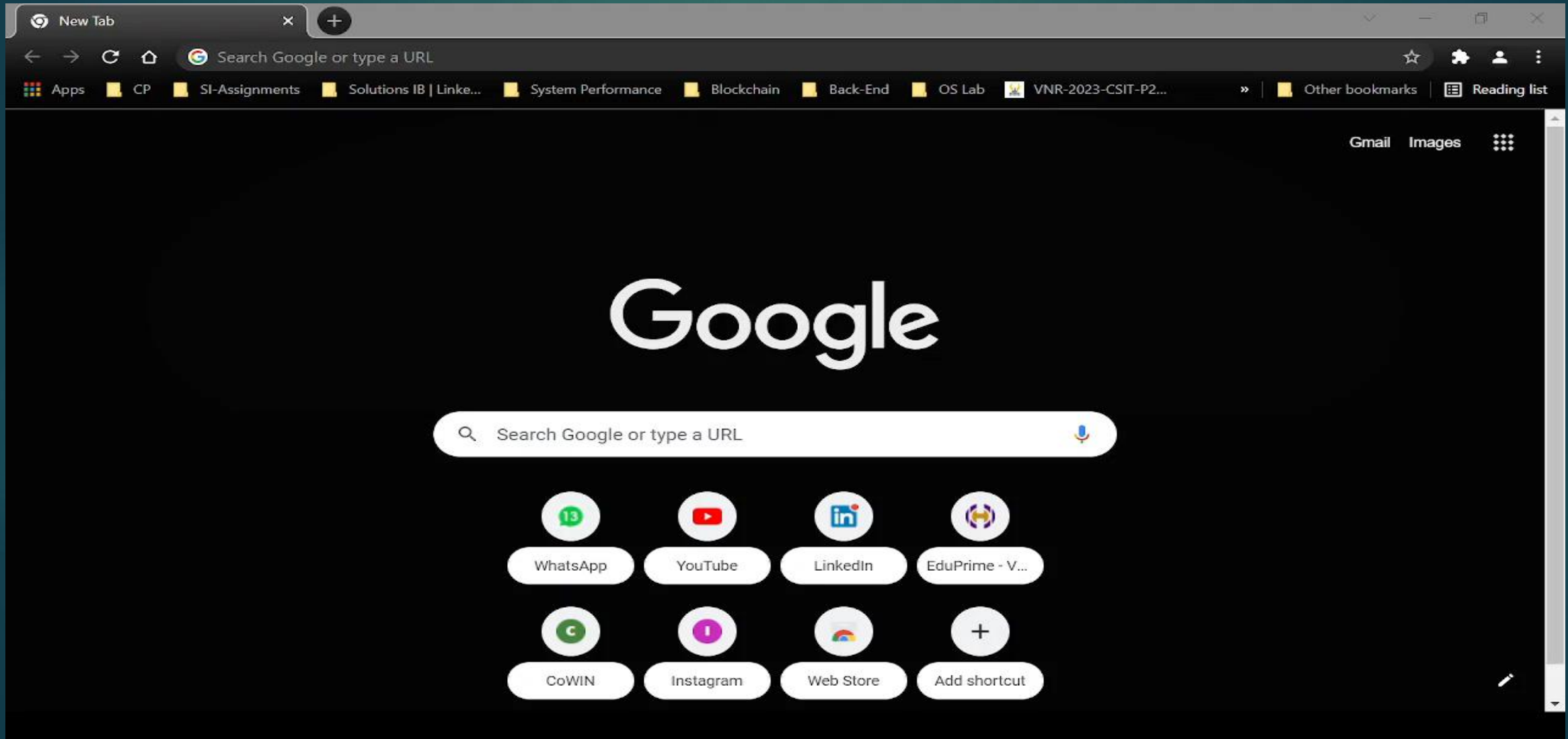
SCREEN SHOTS



A screenshot of a web browser window displaying a form titled "AADHAAR". The browser's address bar shows "localhost:3000/#/update". The form contains a text input field labeled "Aadhaar Number". Below the input field is a blue button labeled "Update Aadhaar Address". Below the button is a red-bordered box containing the following information:

Aadhaar : 416278593527
Area : lajpat nagar
District : N/A
House : 3,Kusum Bharti Building
Landmark : Opposite Tata Steel
Pincode : 400066
State : maharashtra
Street : duttpada road
SubDistrict : borivali(e)
VTC : mumbai

DEMO VIDEO



DEMO VIDEO

NoobHackersUIDAI2021

localhost:3000/#/register

Apps CP SI-Assignments Solutions IB | Linke... System Performance Blockchain Back-End OS Lab VNR-2023-CSIT-P2... Other bookmarks Reading list

Unique Identification Authority of India
Government of India

[Update Address](#) [Register Address](#)

Register your Address for Aadhaar here!

Aadhaar Number

417278593527

House/Bulding/Apartment

7, DLF City

Street/Road/Lane

Dakshin Marg

Area/Locality/Sector

Dakshin Marg

Landmark

Opposite Sahara Mall

Village/Town/City

LINKS

- ▶ **DEMO VIDEO LINKS**

- ▶ https://drive.google.com/drive/folders/1sSvAf_cinjABPCQ-FPakuRHCyLXL6QKF?usp=sharing

- ▶ **SOURCE CODE GITHUB LINK**

- ▶ <https://github.com/mihirgadwalkar/UIDAIHackathon2021TeamNoobHackers>