IRIS			
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Here are the Steps for Deploying the UI Codebase. 5

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NOTE: If you want to deploy the UI with your Pinata account(Secret API Key, API Key), Purestack account API. Kindly follow the below step. 5

STEP1: 6

Clone this below Github repository 6

STEP2: 6

Open Config.json file and replace 6

STEP3: 6

Run the following command for installing necessary packages. 6

Step4: 6

Run the following command for Deploying it in localhost. 6

TYPE-2 7

NOTE: If you want to deploy the UI with IRIS Pinata account(Secret API Key, API Key), Purestack account API. Kindly follow the below step. 7

STEP1: 7

Clone this below Github repository 7

STEP2: 8

Run the following command for installing necessary packages. 8

Step3: 8

Run the following command for Deploying it in localhost. 8

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Introduction:

This plan serves as the primary guide and record for the deployment of notebooks, views, and supplementary configuration associated with the reporting component deployment in the Algorand Network. This document includes:-

- The context for the system
- Contract Creation instructions
- Ui Deployment instructions
- User Guide to test the functionalities.
- Evidence that is required to document the execution of the installation process, which may include screenshots captured in this document or links/references to other documents produced during the installation.

Prerequisite:

This Technical Installation Plan uses the following tools.

Table 2 – For UI Deployment

Tool	Definition	Link
VS code	Visual Studio Code is a code editor redefined and optimized for building and debugging modern web and cloud applications	https://code.visualstudio.com/download
NodeJs	As an asynchronous event-driven JavaScript runtime, Node.js is designed to build scalable network applications	https://nodejs.org/en/download/
Yarn	Yarn is an alternative npm-client used for working with JavaScript as a package manager that. It also allows us to share code with other developers around the world and use solutions from other developers.	https://www.liquidweb.com/kb/how-to-install-yarn-on-windows/

Git	Git is software for tracking changes in any set of files, usually used for coordinating work among programmers collaboratively developing source code during software development. Its goals include speed, data integrity, and support for distributed, non-linear workflows	https://git-scm.com/downloads
GitHUB	GitHub, Inc. provides Internet hosting for software development and version control using Git.	https://github.com/login https://code.visualstudio.com/docs/editor/github
Algo signer	AlgoSigner is an Algorand wallet extension for Chrome that lets users approve and sign transactions that are generated by Algorand applications	https://developer.algorand.org/articles/connecting-webapps-using-algosigner/
Purestack	PureStake provides highly reliable, highly secure access to native Algorand REST APIs for MainNet, TestNet and BetaNet. -Create an account on purestack	https://developer.purestake.io/
Java microservice	Java based microservice application to help the front end application. This includes the features such as 1) Manage KYC 2) Manage Users 3) Manage images for identity proofs	https://spring.io/projects/spring-boot
pinata	**Pinata** is the simplest way to upload and manage files on IPFS.	https://www.pinata.cloud/

EC2 - IRIS API build instructions:

Step 1: Navigate to.

cd /opt/build_area/iris_/iris_api/

Step 2: Execute

mvn clean install

Step3:Execute

sudo docker build -t algorand/iris.service:1.0 .

Here are the Steps for Deploying the UI Codebase.

TYPE-1

NOTE: If you want to deploy the UI with your Pinata account(Secret API Key, API Key), Purestack account API. Kindly follow the below step.

STEP1:

Clone this below Github repository

https://github.com/BosonLabs/IRIS-UI

STEP2:

Open Config.json file and replace

PinataSecretAPIKey,
PinataAPIKey,
PurestackAccountAPI

Values with the values you have.

STEP3:

Run the following command for installing necessary packages.

```
yarn install
```

Step4:

Run the following command for Deploying it in localhost.

```
yarn  start
```

This command Runs the app in the development mode.
Open http://localhost:3000 to view it in the browser.
The page will reload if you make edits.
You will also see any lint errors in the console.

TYPE-2

NOTE: If you want to deploy the UI with IRIS Pinata account(Secret API Key, API Key), Purestack account API. Kindly follow the below step.

STEP1:

Clone this below Github repository

https://github.com/BosonLabs/IRIS-UI

STEP2:

Run the following command for installing necessary packages.

```
yarn install
```

Step3:

Run the following command for Deploying it in localhost.

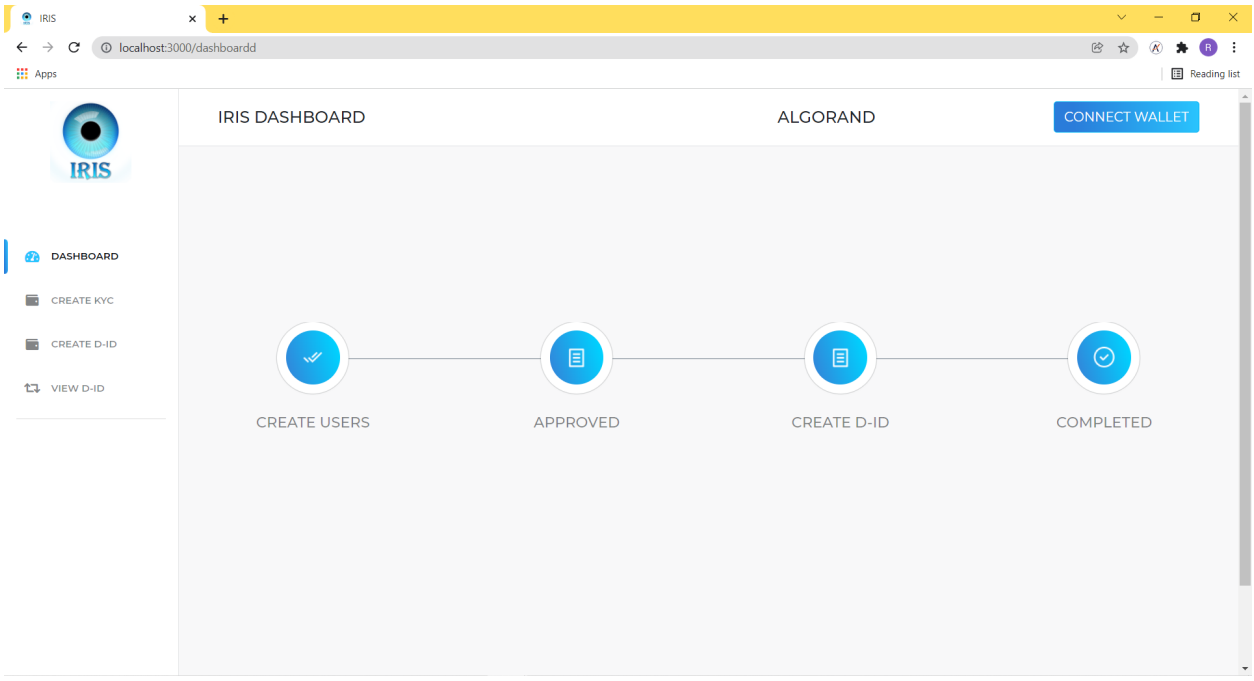
```
yarn start
```

This command Runs the app in the development mode.
Open http://localhost:3000 to view it in the browser.
The page will reload if you make edits.
You will also see any lint errors in the console.

USER GUIDE:

HOW TO CONNECT WALLET?

1. Begin by clicking a button in a dApp that says something like Connect Wallet Option
2. Tap to choose which account to connect
3. That's it! The transactions are sent back to the dApp



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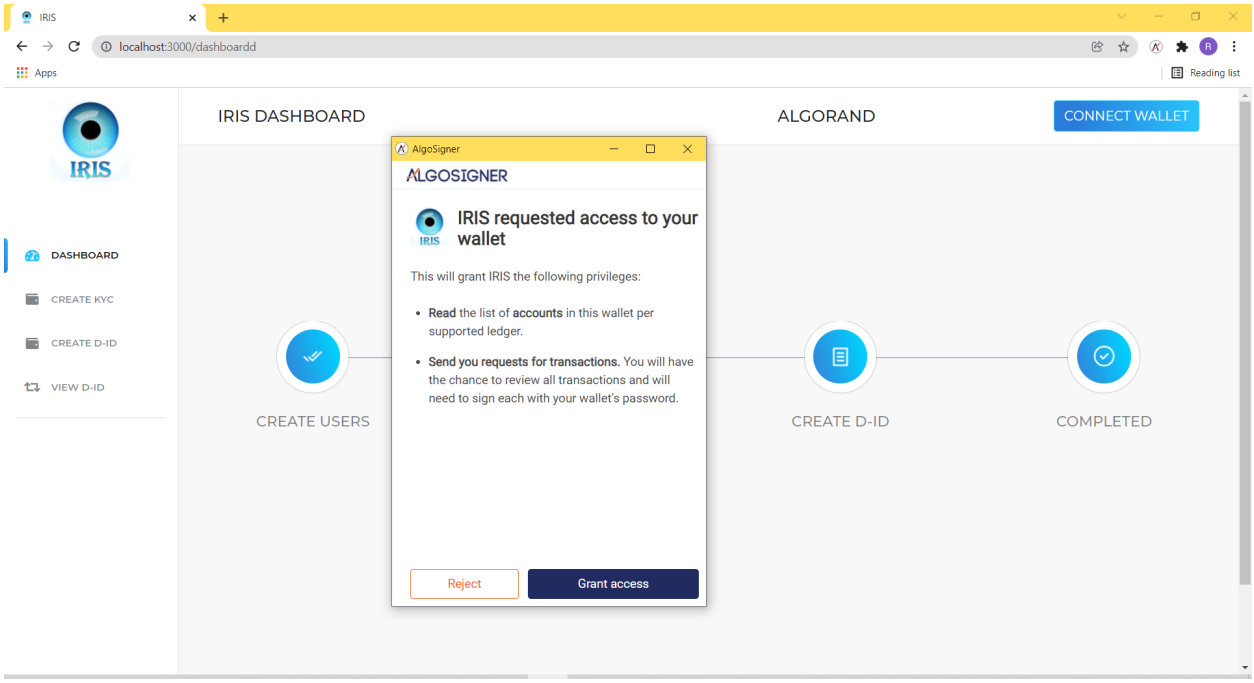

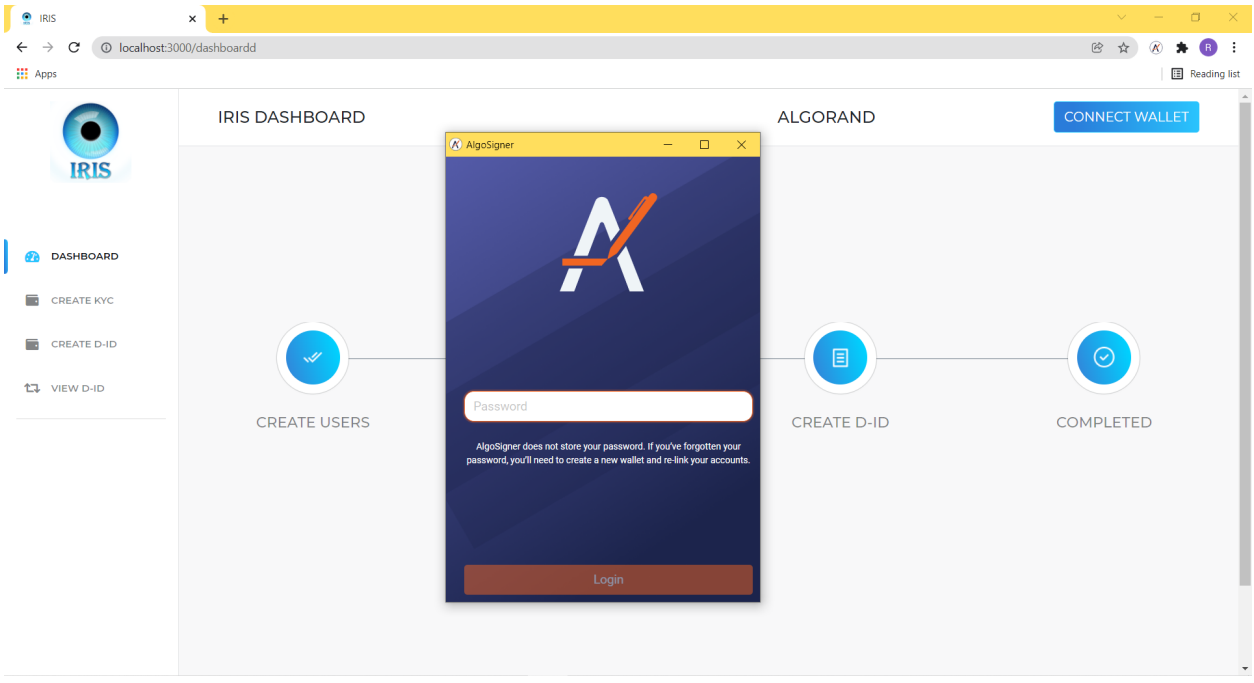

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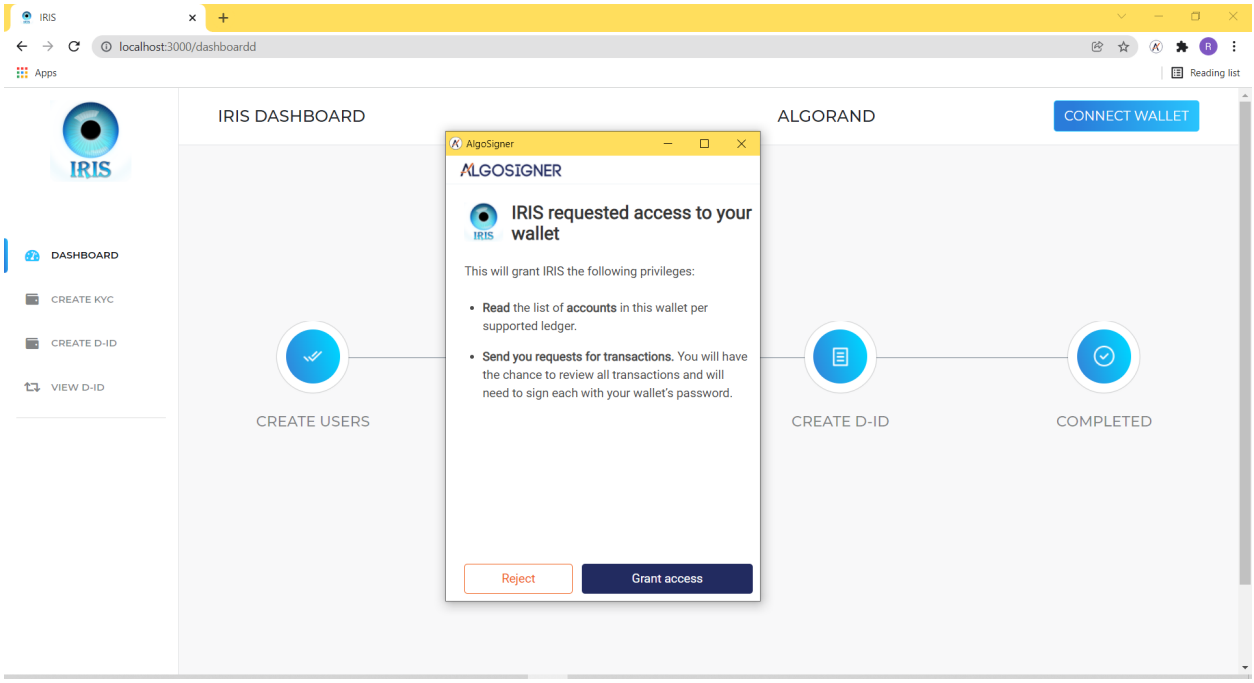
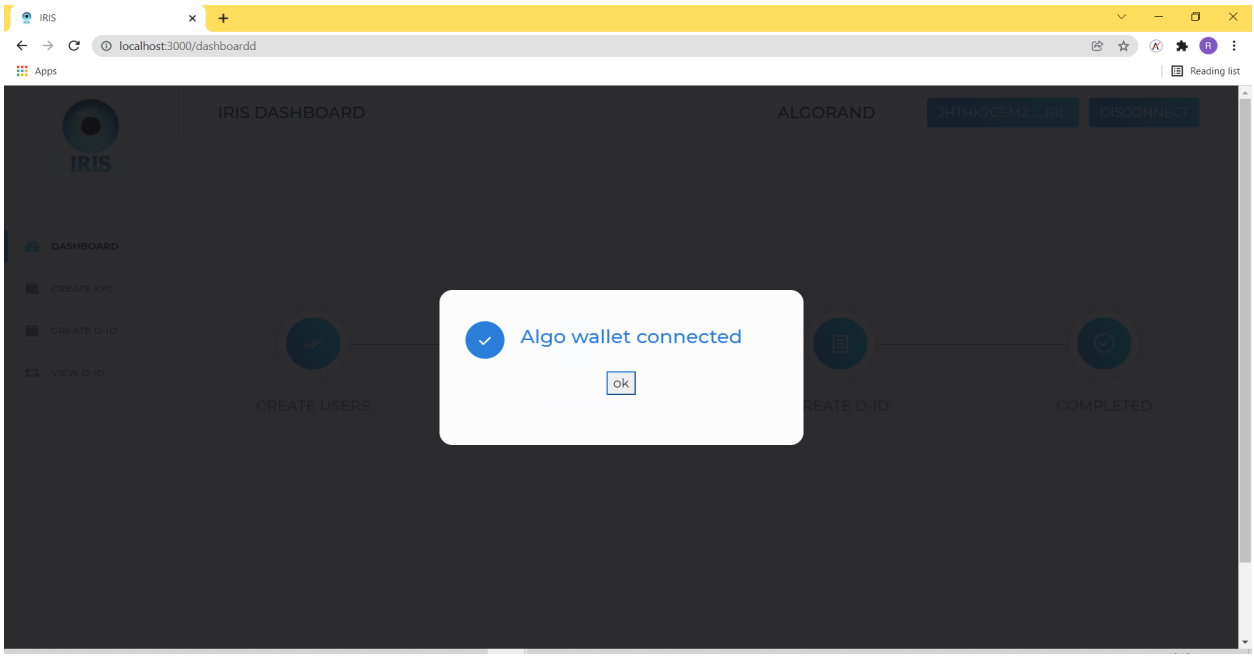
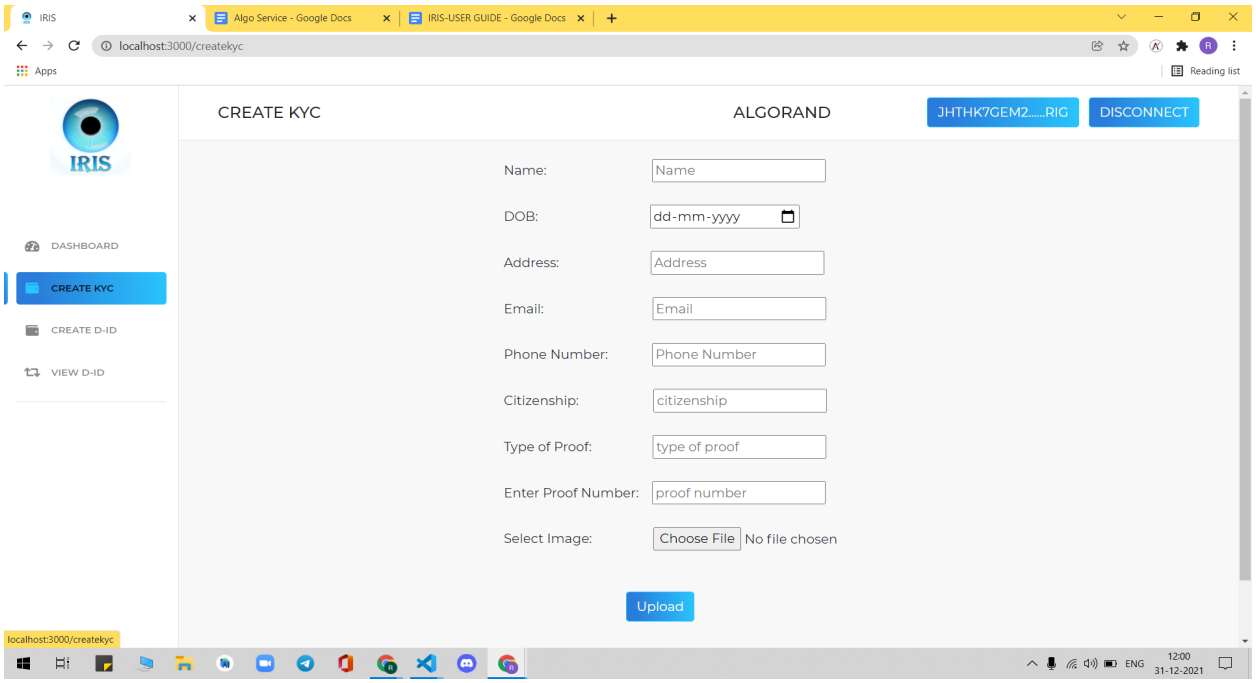




HOW TO CREATE KYC?

1. Enter your KYC NAME
2. Enter your DOB
3. Enter your ADDRESS
4. Enter your E-MAIL
5. Enter your PHONE NUMBER
6. Enter your CITIZENSHIP
7. Enter your TYPE OF PROOF
8. Enter your PROOF NUMBER
9. Upload your KYC Image
10. Clicking a button in the Upload



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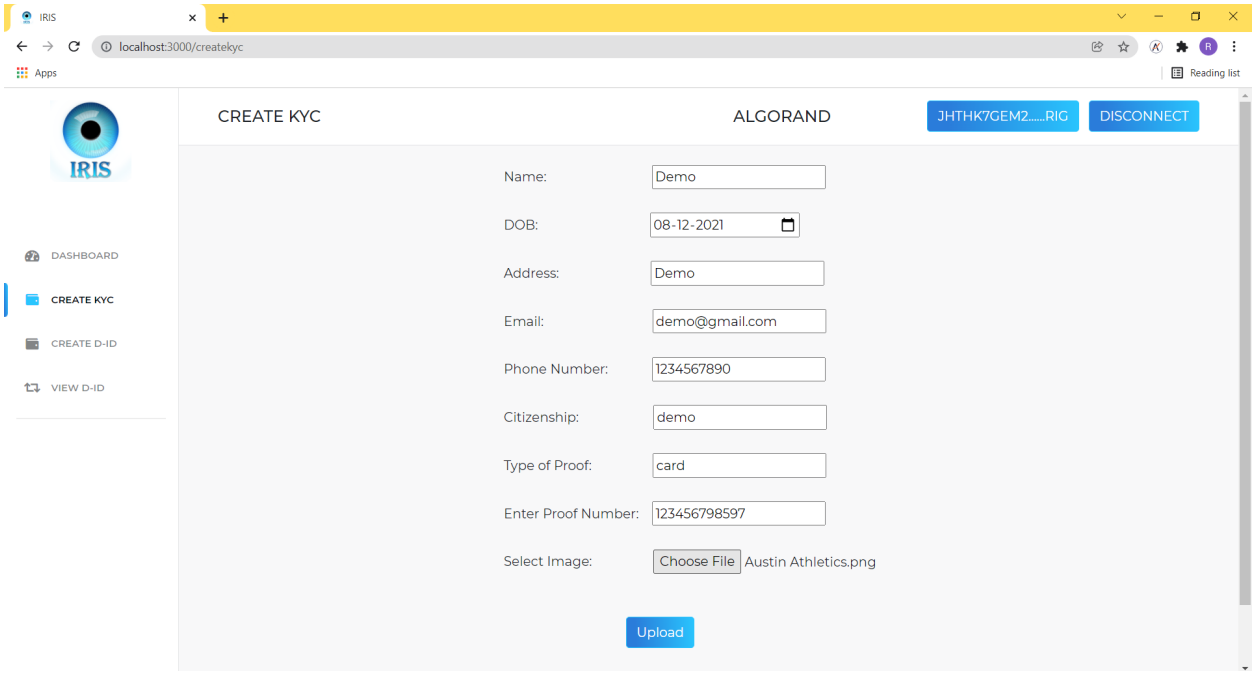
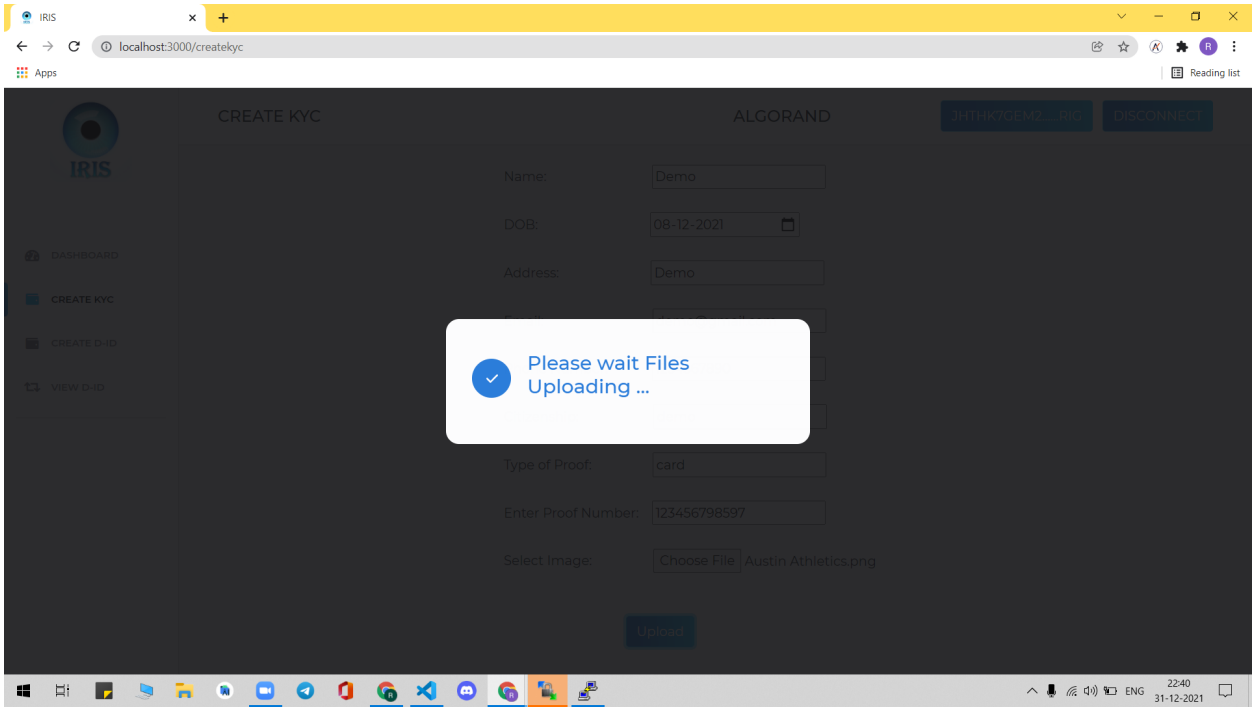
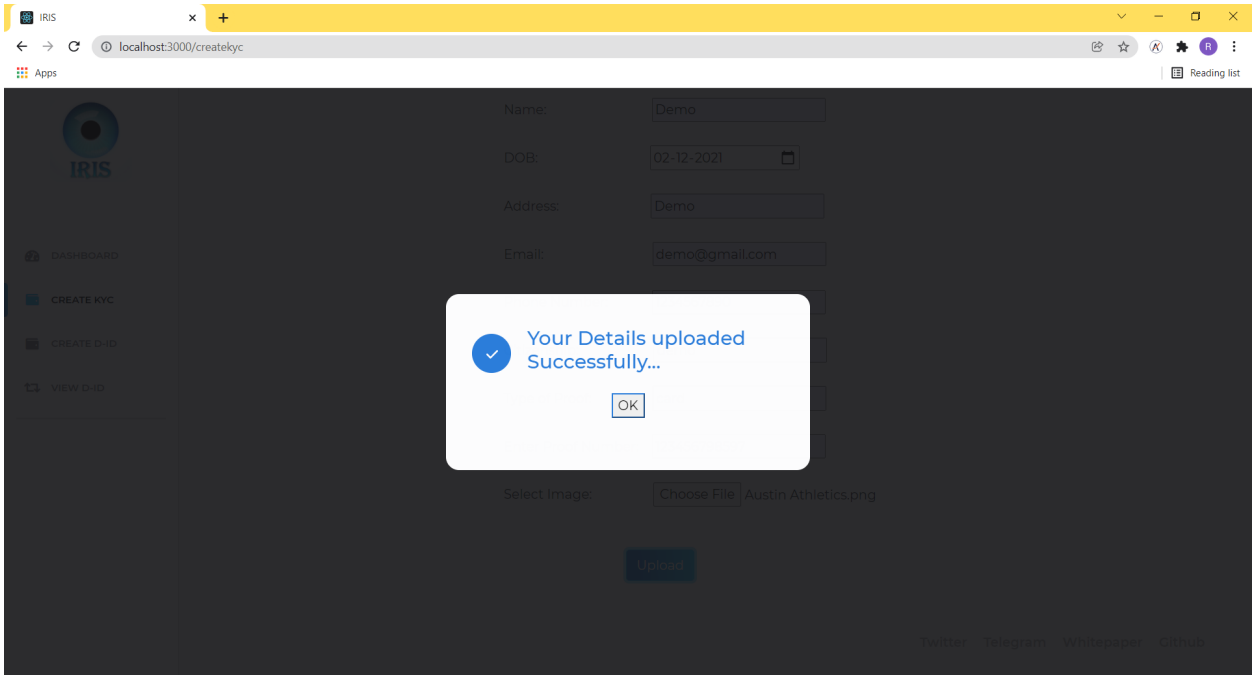


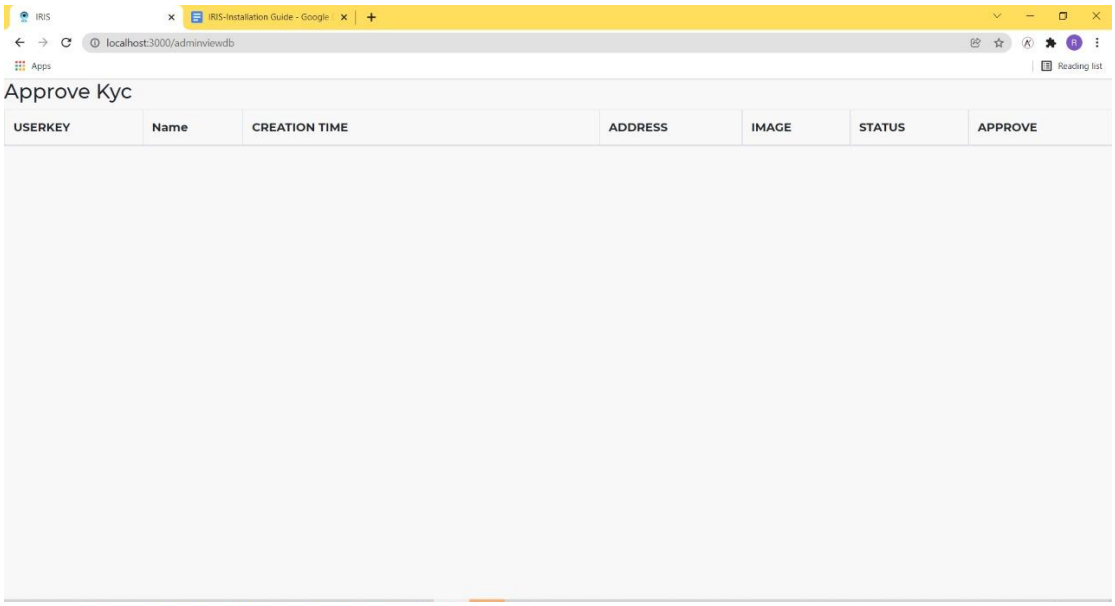


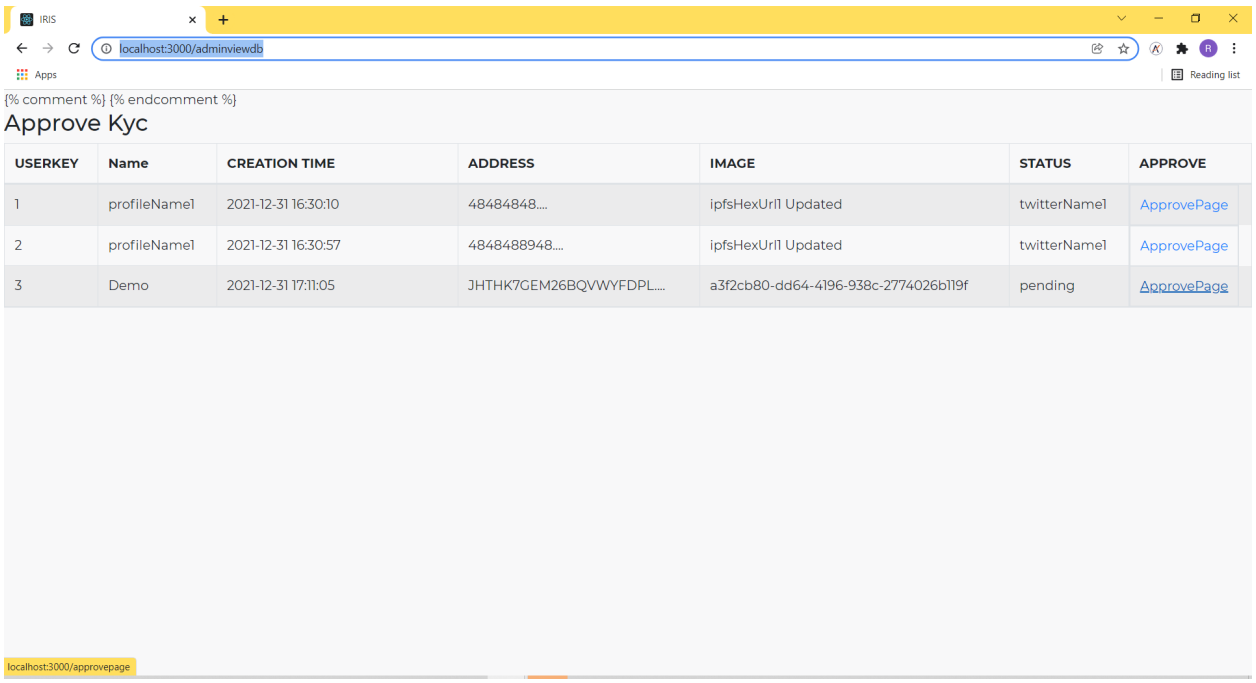


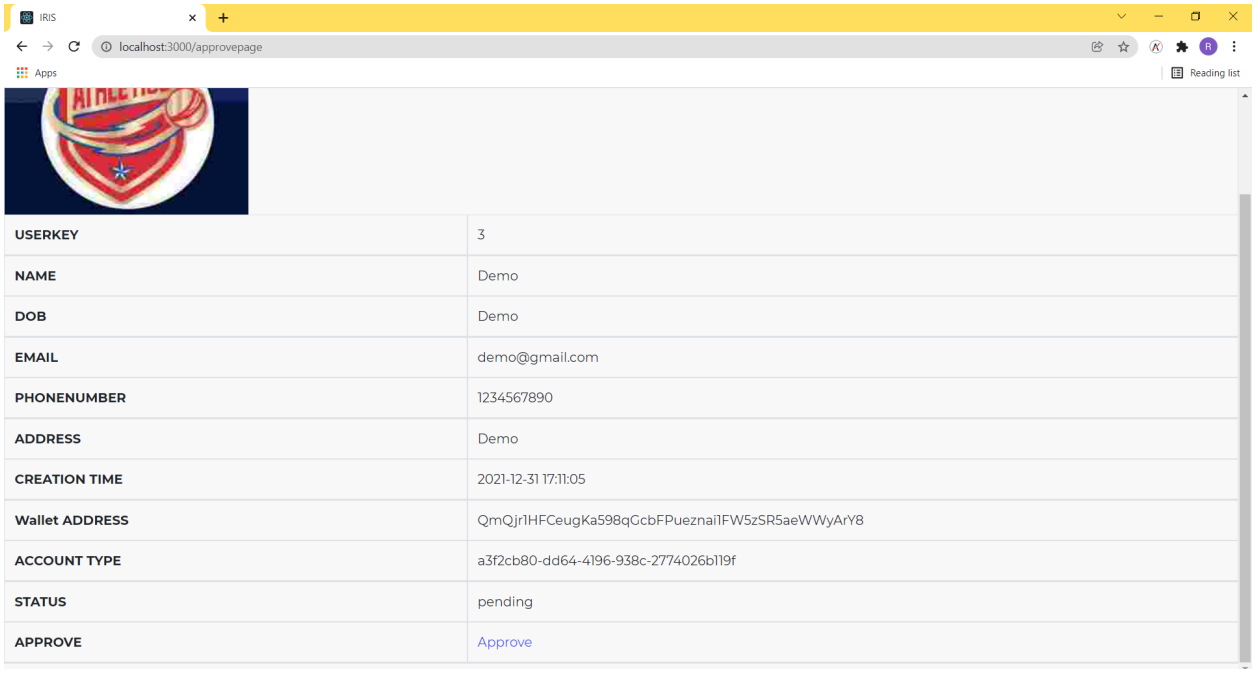
HOW TO VERIFY AND APPROVE KYC USER?

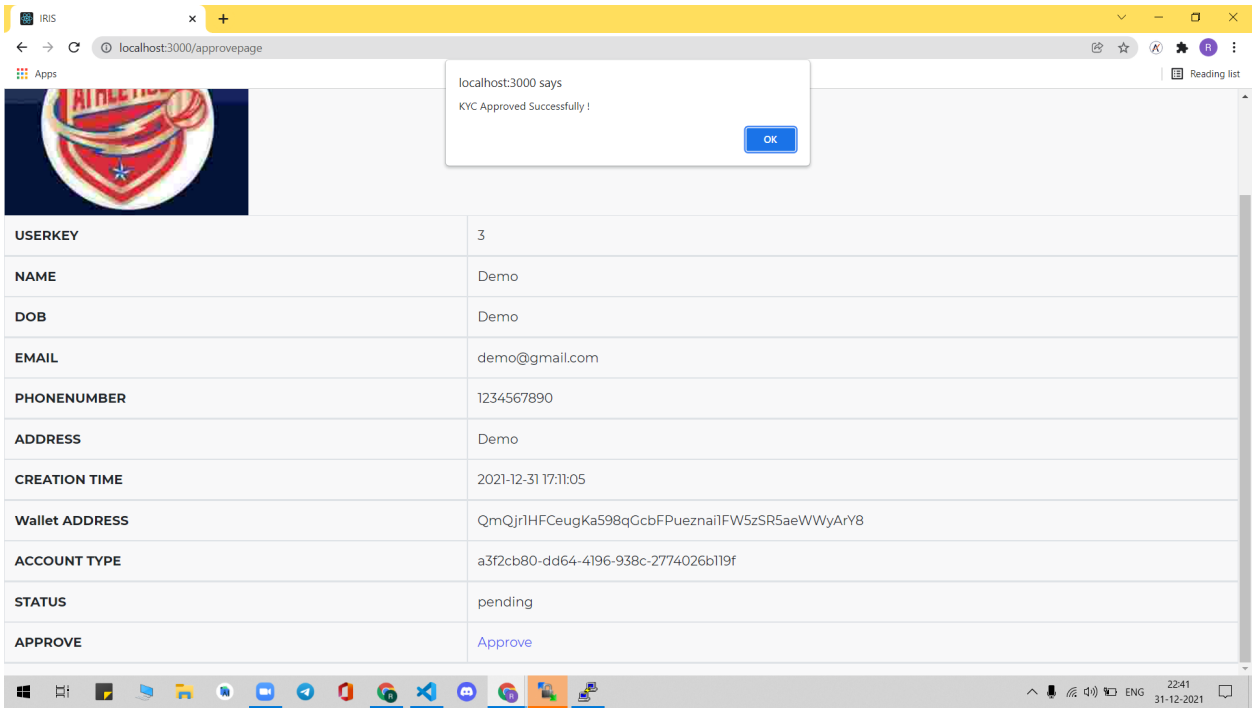
1. Admin can verify and approve the User. If Users Given details are valid.
2. If Users given Details are Not valid, Admin will reject the KYC request of the user.

To access the admin page give **/adminviewdb** in url



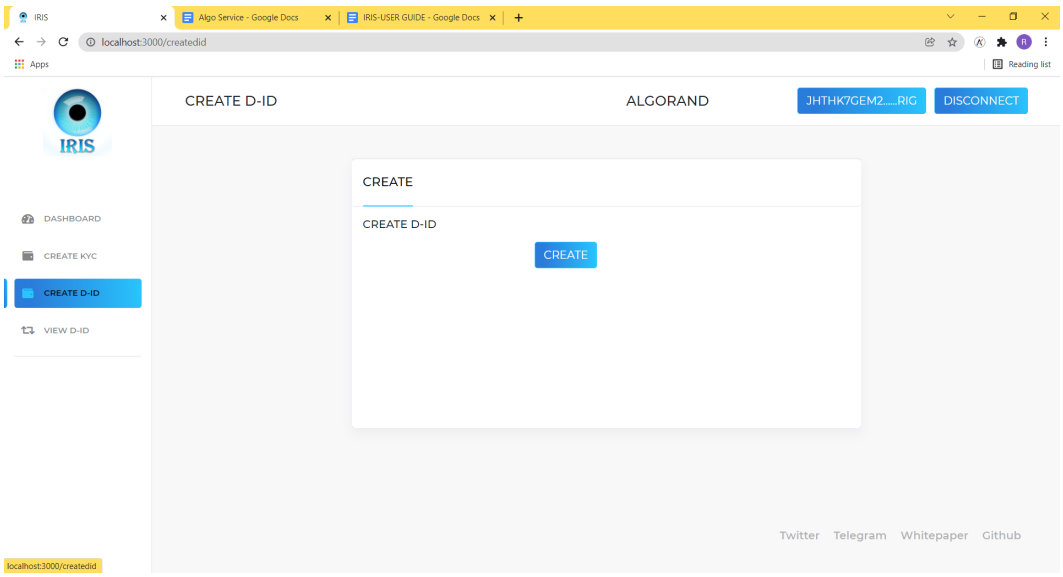



IRIS
localhost:3000/approvepage
Apps
Reading list
USERKEY 3
NAME Demo
DOB Demo
EMAIL demo@gmail.com
PHONENUMBER 1234567890
ADDRESS Demo
CREATION TIME 2021-12-31 17:11:05
Wallet ADDRESS QmQjr1HFCeugKa598qGcbFPueznai1FW5zSR5aeWWyArY8
ACCOUNT TYPE a3f2cb80-dd64-4196-938c-2774026b119f
STATUS pending
APPROVE Approve


IRIS
localhost:3000/approvepage
Apps
Reading list
localhost:3000 says
KYC Approved Successfully !
OK
USERKEY 3
NAME Demo
DOB Demo
EMAIL demo@gmail.com
PHONENUMBER 1234567890
ADDRESS Demo
CREATION TIME 2021-12-31 17:11:05
Wallet ADDRESS QmQjr1HFCeugKa598qGcbFPueznai1FW5zSR5aeWWyArY8
ACCOUNT TYPE a3f2cb80-dd64-4196-938c-2774026b119f
STATUS pending
APPROVE Approve
ENG
22:41
31-12-2021

HOW TO CREATE D-ID(Decentralized Id)?

1. Clicking a button in the Create



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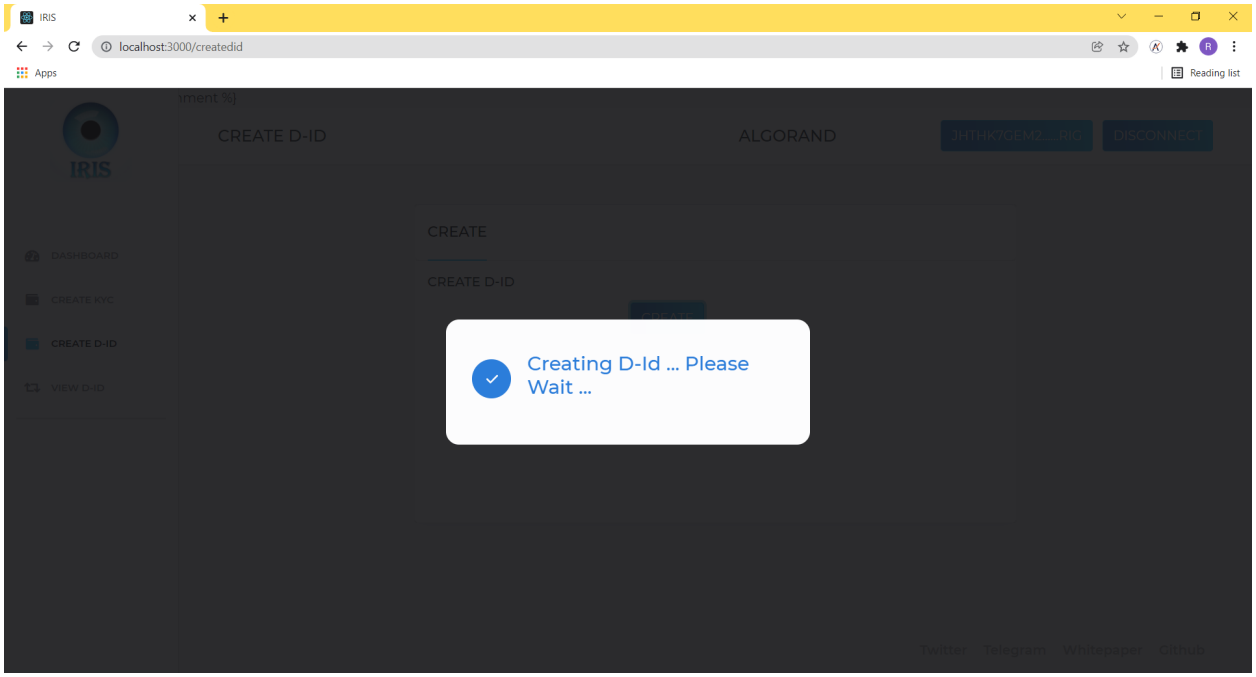
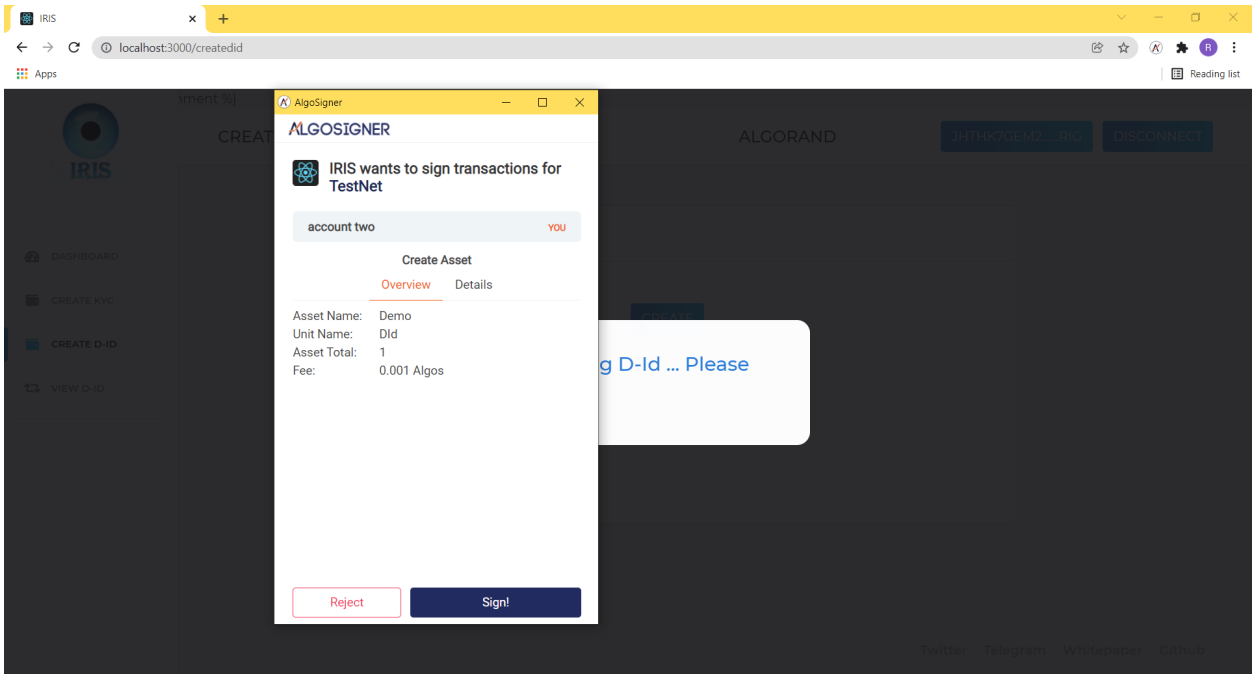
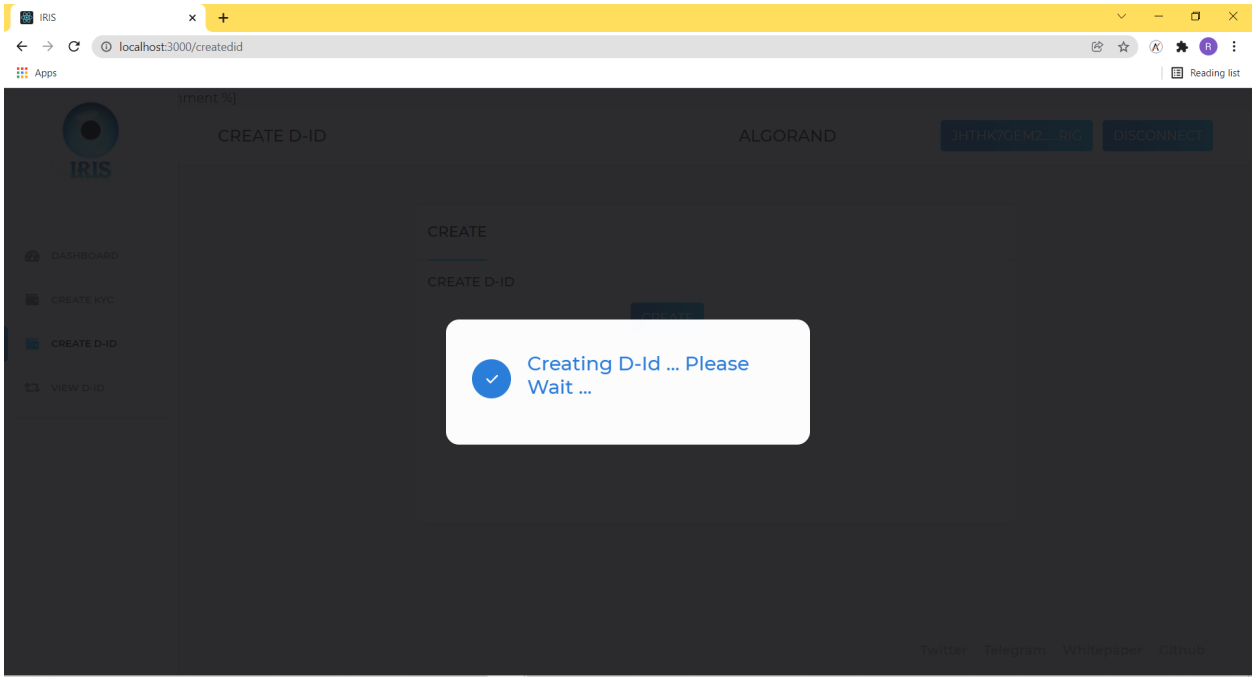
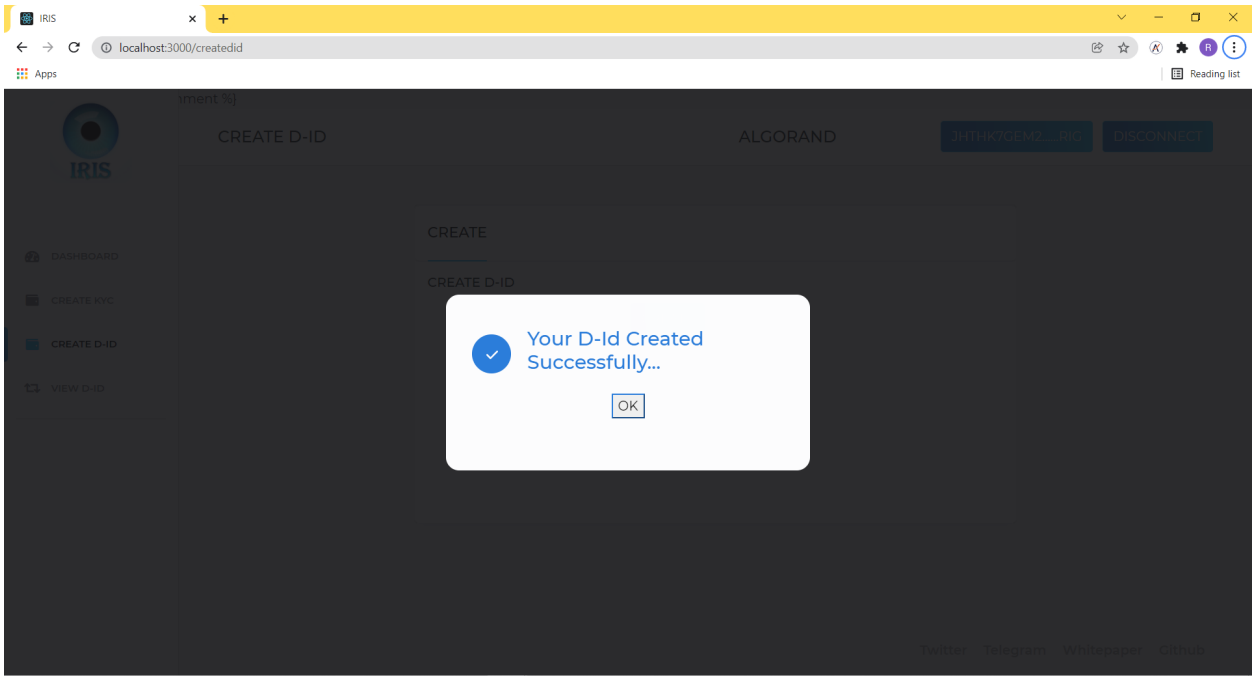


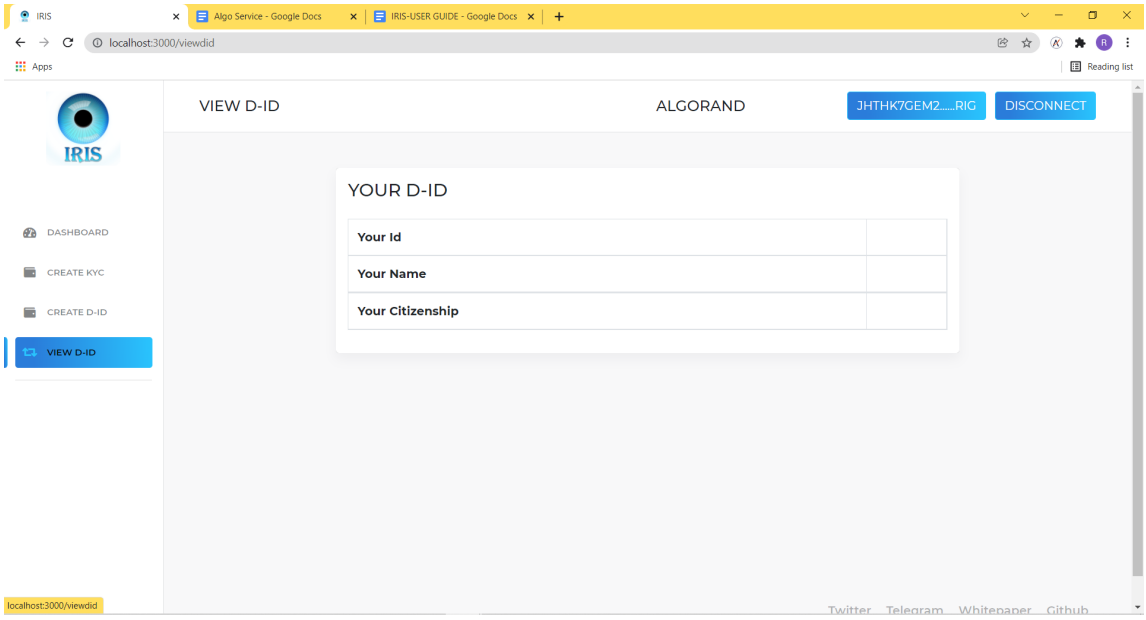


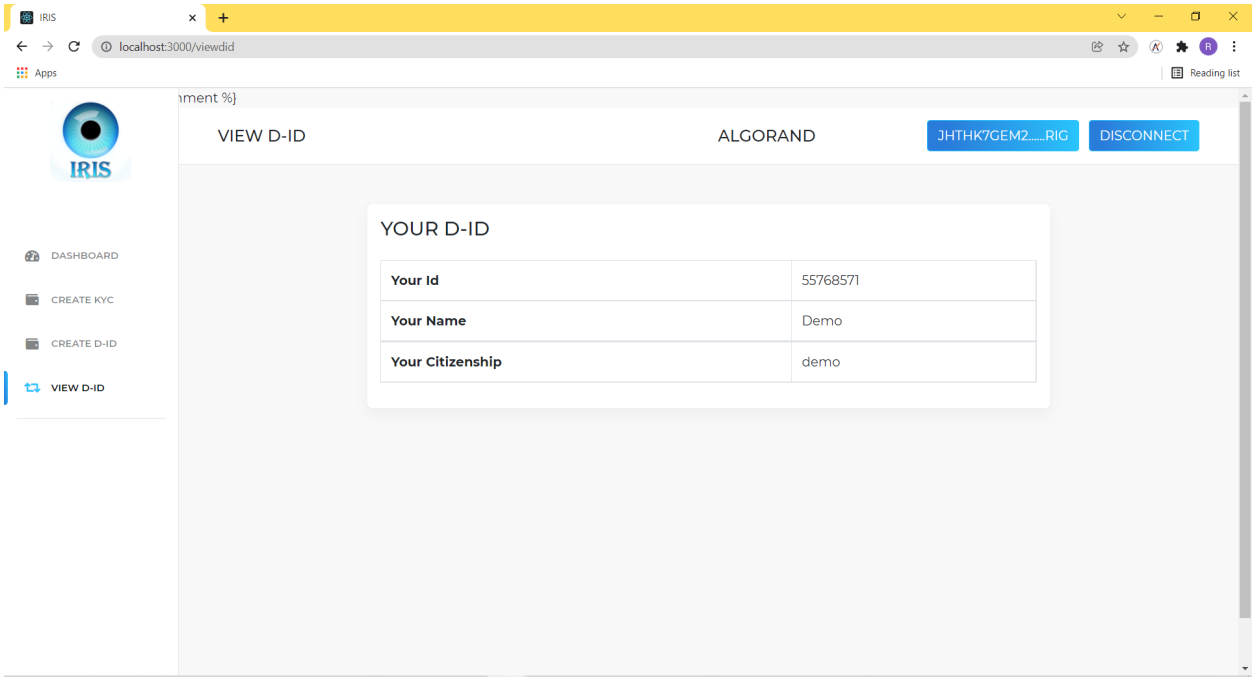

IRIS
localhost:3000/createdid
Apps
Reading list
CREATE D-ID
ALGORAND
DISCONNECT
CREATE
CREATE D-ID
DASHBOARD
CREATE KYC
CREATE D-ID
VIEW D-ID
Creating D-Id ... Please Wait ...
Twitter
Telegram
Whitepaper
Github


IRIS
localhost:3000/createdid
Apps
Reading list
CREATE D-ID
ALGORAND
DISCONNECT
CREATE
CREATE D-ID
DASHBOARD
CREATE KYC
CREATE D-ID
VIEW D-ID
Your D-Id Created Successfully...
OK
Twitter
Telegram
Whitepaper
Github

VIEW YOUR D-ID(Decentralized Id)?

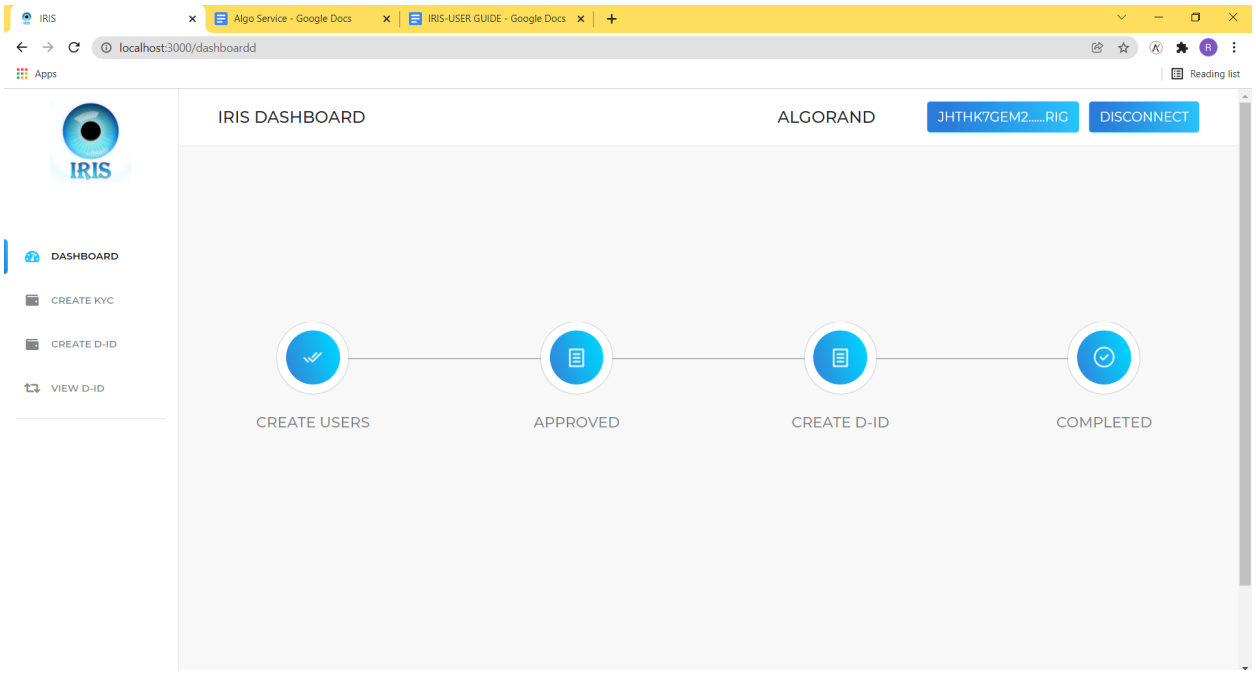
1. View your D-id Number
2. View your Name
3. View your Citizenship

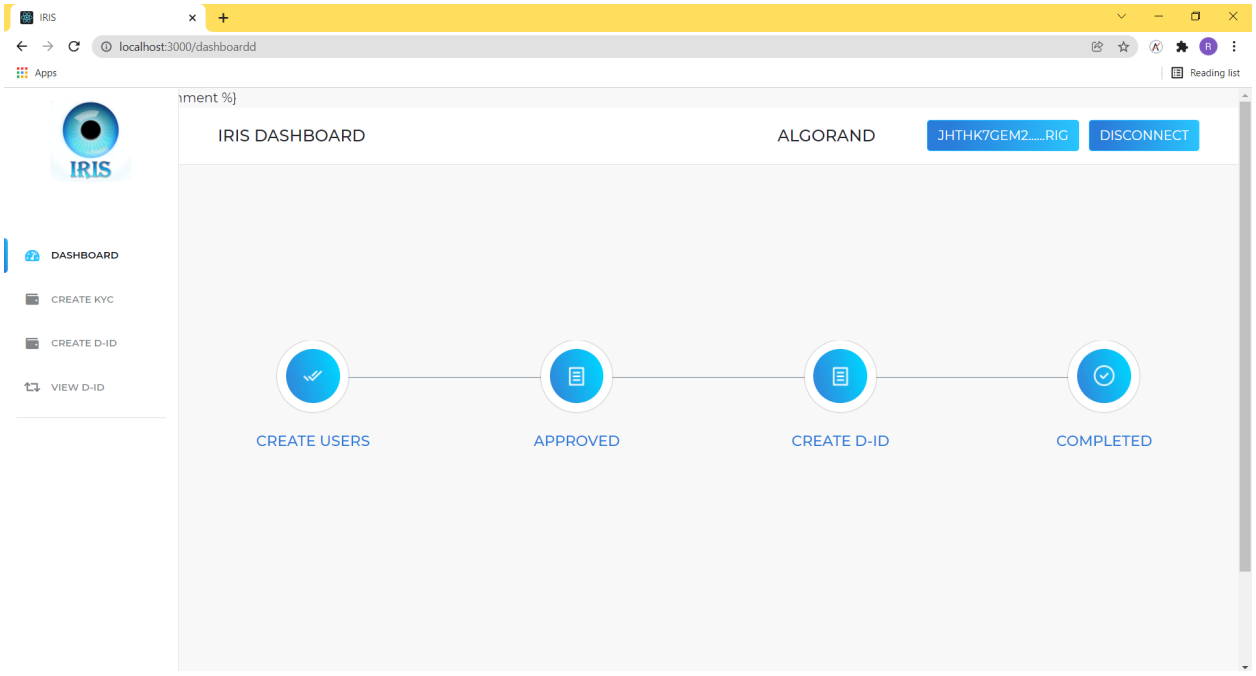




VIEW STATUS YOUR D-ID(Decentralized Id)?

1. If we completed Create KYC steps - CREATE USERS Text-color change from Silver to Blue color
2. If Admin completed Approve steps - APPROVED Text-color change from Silver to Blue color
3. If we completed Create D-ID steps - CREATE D-ID Text-color change from Silver to Blue color
4. If we completed the above 3-steps - COMPLETED Text-color change from Silver to Blue color


IRIS
Algo Service - Google Docs
IRIS-USER GUIDE - Google Docs
localhost:3000/dashboardd
Apps
Reading list
IRIS
IRIS DASHBOARD
ALGORAND
JHTHK7GEM2.....RIG
DISCONNECT
DASHBOARD
CREATE KYC
CREATE D-ID
VIEW D-ID
CREATE USERS
APPROVED
CREATE D-ID
COMPLETED


IRIS
localhost:3000/dashboardd
Apps
Reading list
IRIS
IRIS DASHBOARD
ALGORAND
JHTHK7GEM2.....RIG
DISCONNECT
DASHBOARD
CREATE KYC
CREATE D-ID
VIEW D-ID
CREATE USERS
APPROVED
CREATE D-ID
COMPLETED