

Dohatec CA

Certifying Authority

Certifying Authority
DOHATEC NEW MEDIA

Dohatec CA

1. Introduction
2. What have we done so far?
3. Current Projects and activities
4. Our Future Plan
5. Q&A

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Current Projects

1. PKI Enablement with National Board of Revenue System (NBR)- Sign contract with NBR 2013 to implement DSC into their system
2. Rajdhani Unnayan Kartipakkha (RAJUK) – Construction Permitting System
Total files Submitted by Land Owners and Professionals: 12600+
Total files Completed by RAJUK Officials: 7000+
3. Registrar of Joint Stock Companies and Firms (RJSC) - Back Office
Application and User Level share distribution
Approx. 10,00,000 Documents are signed

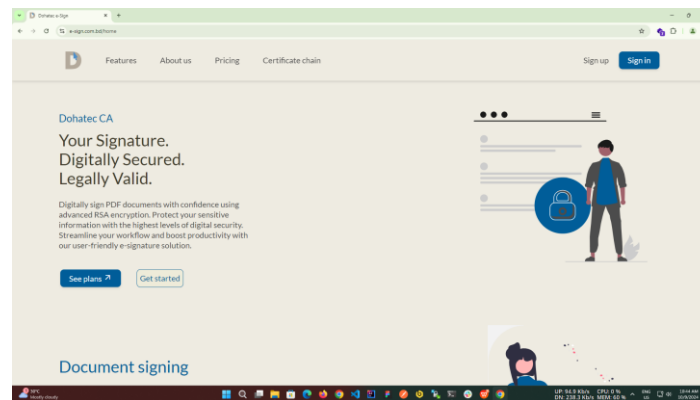
Current Development

Dohatec eSign Solution:

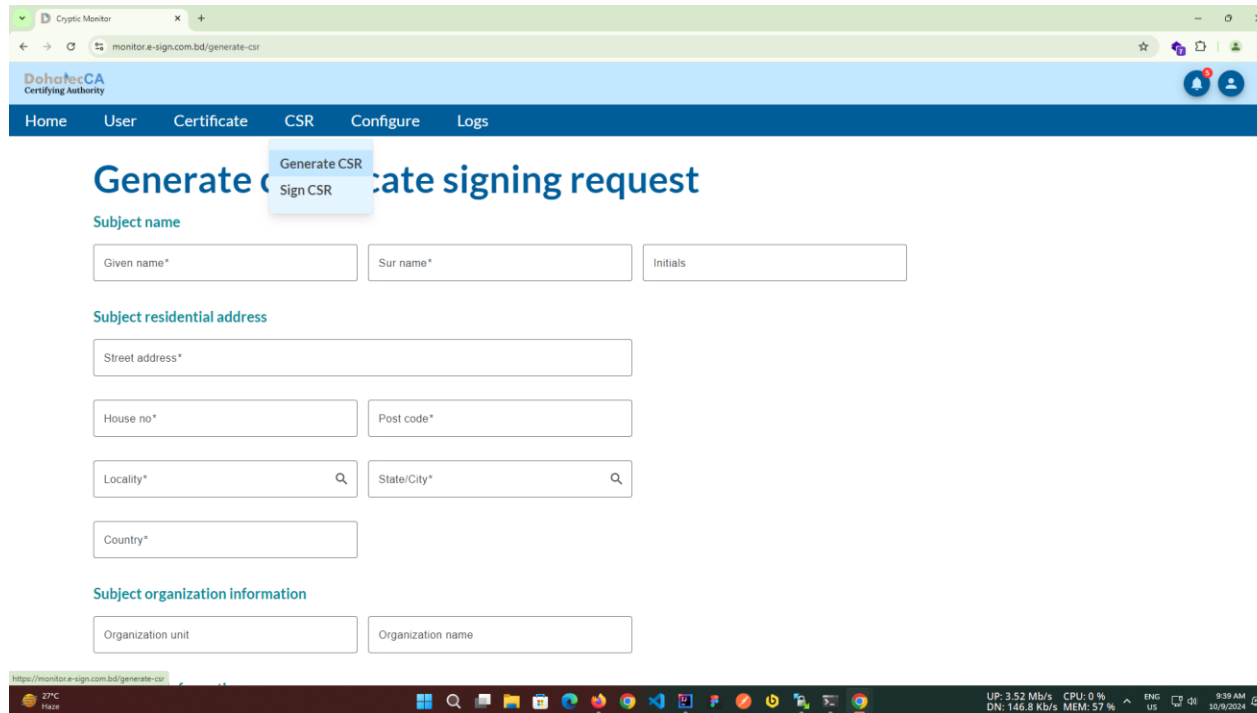
- a) eKYC app for Andriod and IOS
- b) Generate Root Certificate
- c) Generate CA Certificate
- d) Signing Solution
- e) Credit System including Payment Gateway

Dohatec eSign

- Authenticated by NID
- Verify signature by scanning QR code
- Ensure integrity through file scan
- Protected by advanced RSA algorithm



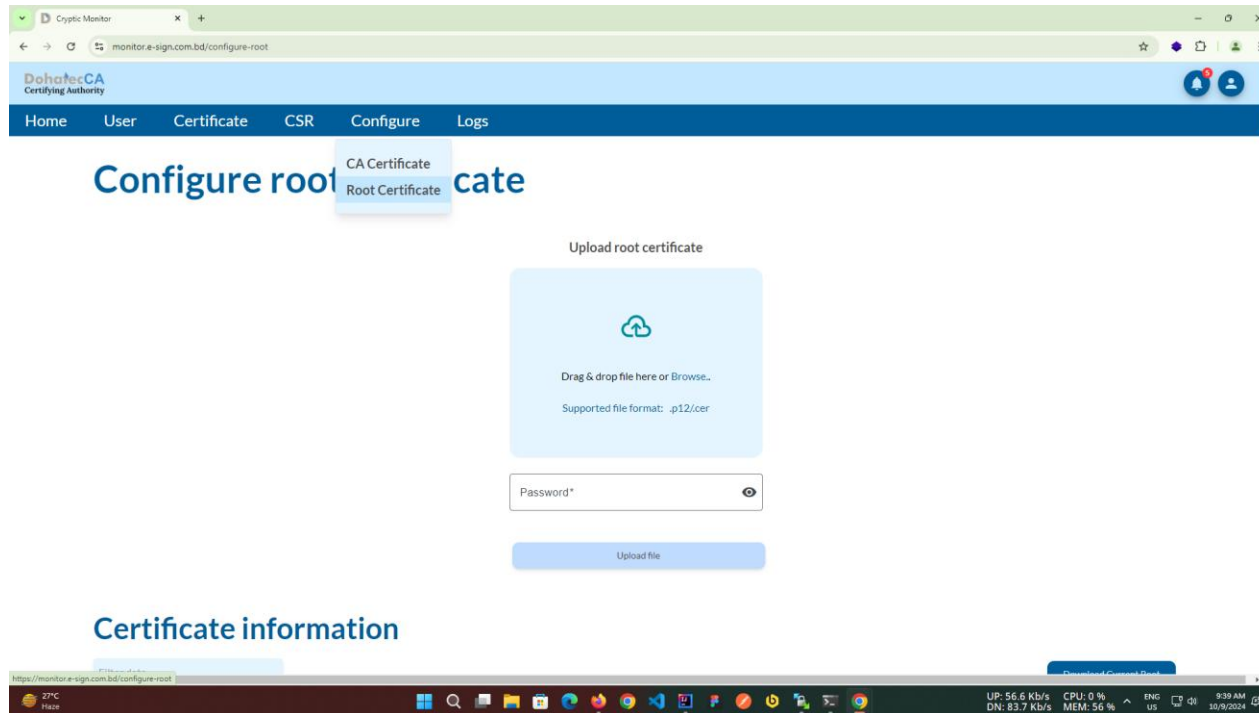
Generating CSR



The screenshot shows a web browser window with the URL <https://monitor.e-signs.com.bd/generate-csr>. The page is titled "Generate CSR" and "Generate certificate signing request". The DohatecCA logo is in the top left corner. A navigation bar includes links for Home, User, Certificate, CSR, Configure, and Logs. A dropdown menu for the CSR link shows "Generate CSR" and "Sign CSR". The form is divided into three sections: "Subject name" with fields for "Given name*", "Sur name*", and "Initials"; "Subject residential address" with fields for "Street address*", "House no*", "Post code*", "Locality*", "State/City*", and "Country*"; and "Subject organization information" with fields for "Organization unit" and "Organization name". The Windows taskbar at the bottom shows the system clock as 9:38 AM on 10/9/2024.

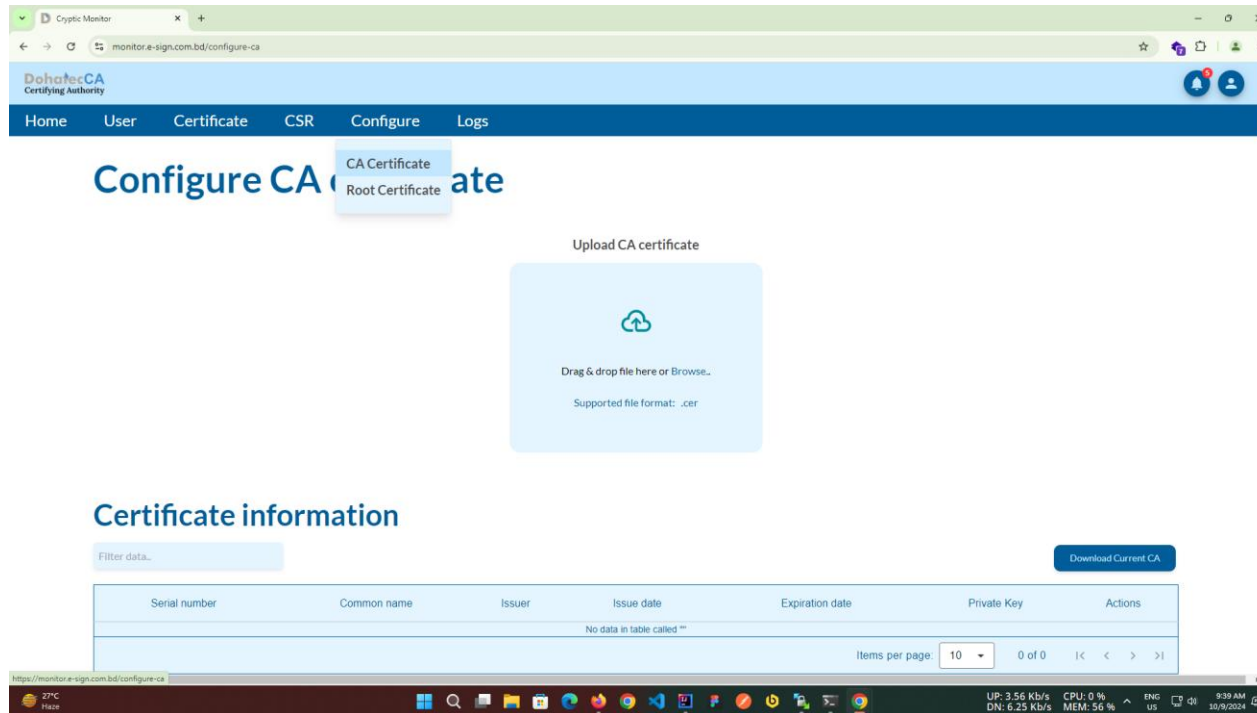
Generate CSR and send it to Root CA (CCA) for signing

Configuring Root



Upload root certificate (cer file) in CA system

Configuring CA



Upload CA certificate (cer file) in CA system

eKYC-Phone verification



9:57 67%

← Sign up with eSign

Enter your mobile number

01XXXXXXXX

01641161703

Continue



9:57 67%

947330 • OTP • DohatecCA

Enter the code sent to +8801641161703

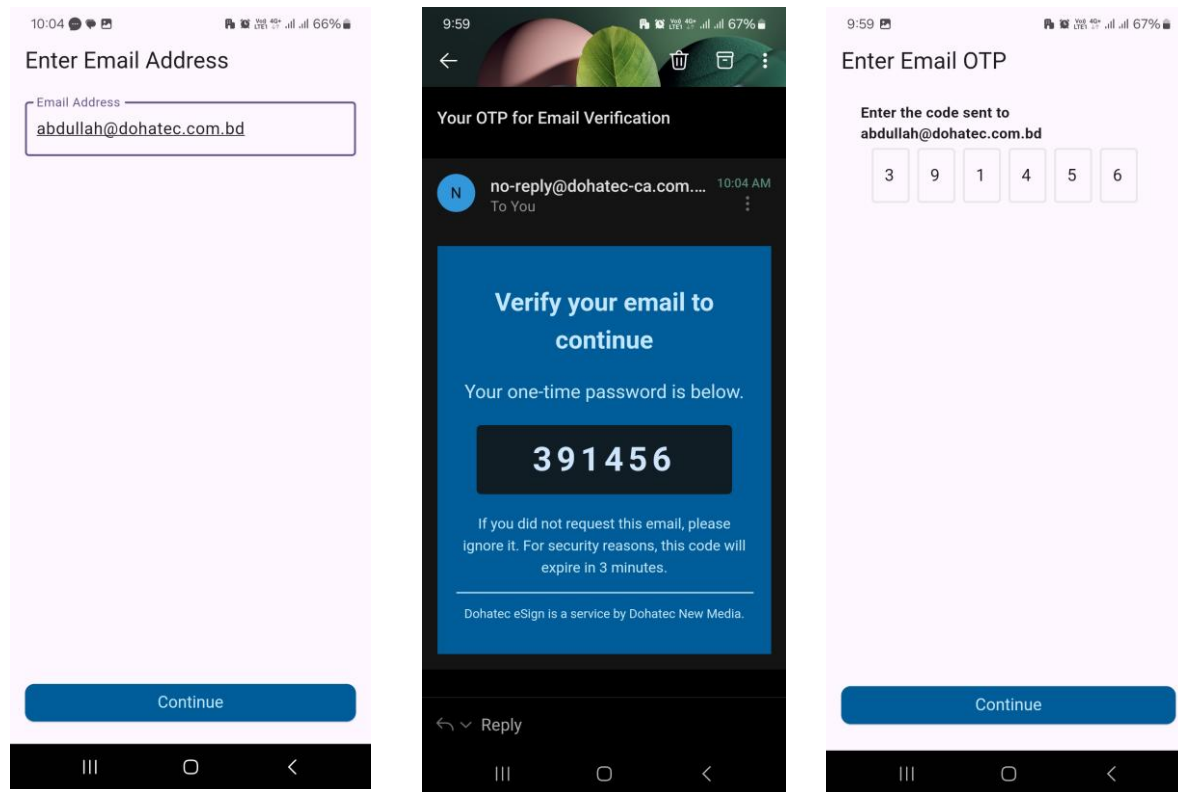
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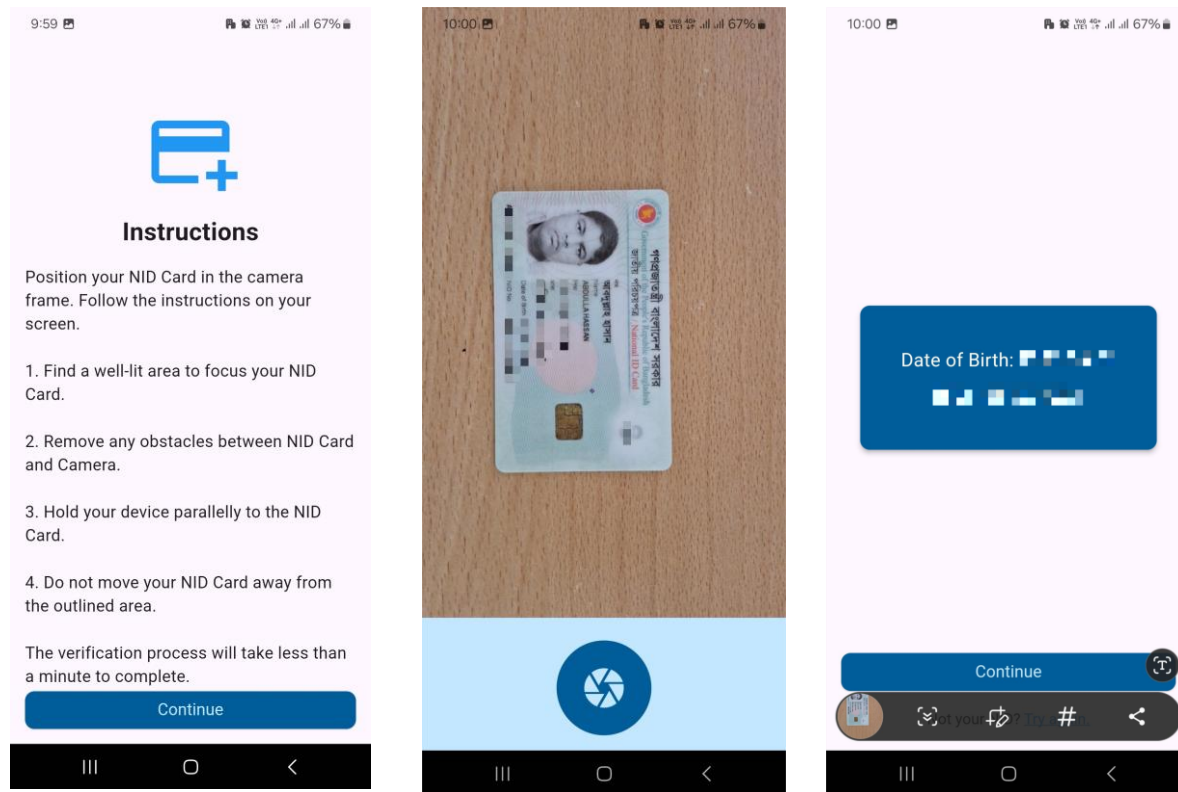
User enters their phone number and an OTP is sent via SMS

eKYC-Email verification



User enters their email address and an OTP is sent to the email

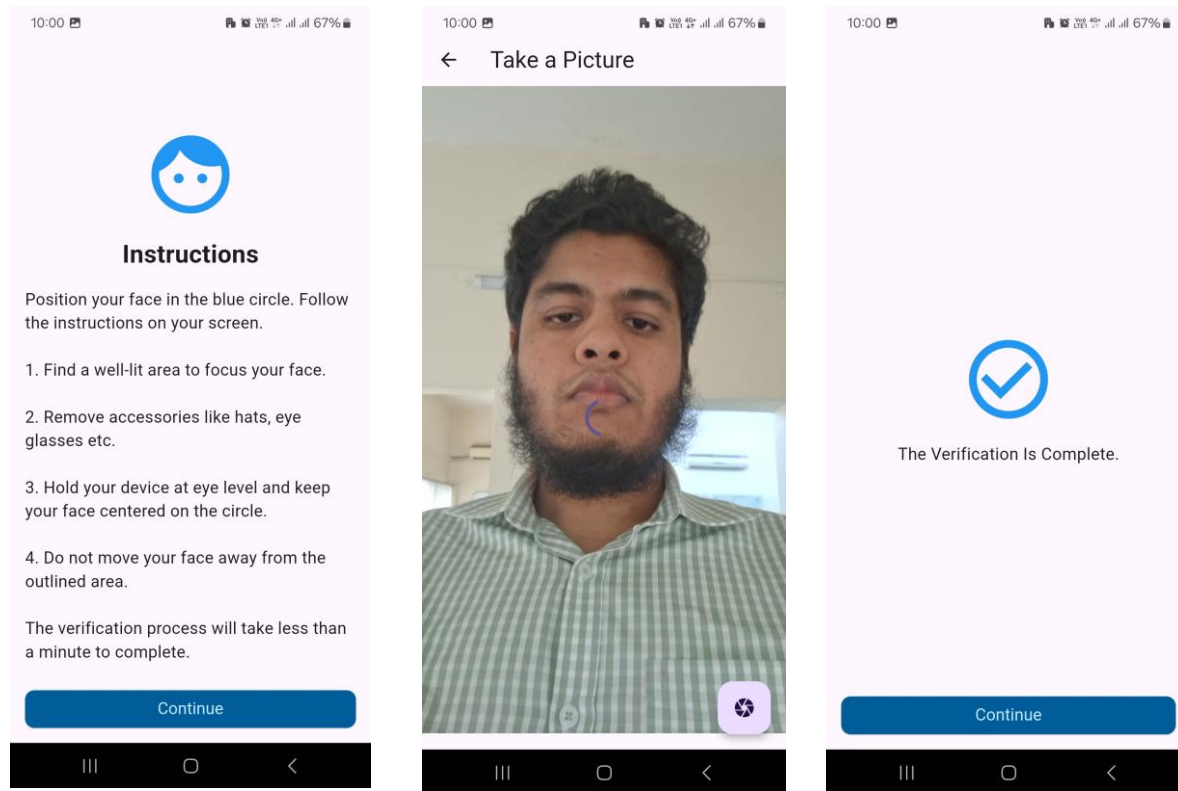
eKYC-Scanning NID



User scans their NID and
confirms NID number and Date of birth

Trust ■ Security ■ Authentication

eKYC-Face match



User scans their face and
face is matched with NID picture

Trust ■ Security ■ Authentication

eKYC-Personal information

10:01 66%

User Details

Phone Number
01641161703

Email
abdullah@dohatec.com.bd

Father's Name
[REDACTED]

Mother's Name
[REDACTED]

Date of Birth: (YYYY-MM-DD)
[REDACTED]

Common Name
ABDULLAH HASSAN

Serial Number Type
NID

Serial Number Value
[REDACTED]

House Identifier (Required)

Street Address (Required)

Locality (Required)

State (Required)

User Details

Date of Birth: (YYYY-MM-DD)
[REDACTED]

Common Name
ABDULLAH HASSAN

Serial Number Type
NID

Serial Number Value
[REDACTED]

House Identifier (Required)
43

Street Address (Required)
Puarana Palton Line

Locality (Required)
Dhaka

State (Required)
Dhaka

Postal Code (Required)
1000

Country (Required)
Bangladesh

Continue

User information fetched from NID server

User inputs thier residential address

Trust ■ Security ■ Authentication

eKYC-Setting PIN

10:02 66%

← Set Pin Number

Enter 6-digit Pin Number

Re-enter Pin Number

Continue

10:02 66%

eSign Login

Thank you for registering with eSign.

Please visit e-sign.com.bd from your PC/Laptop browser to login.

User sets a 6-digit PIN for login and signing
Registration is completed successfully

eSign-Login

Login-DohatecCA

auth.e-sign.com.bd/9104/login

Dohatec eSign
Protect your documents with a digital signature.

- Authenticated by NID
- Verify signature with QR code
- Ensure integrity through file scan
- Manage a signatory pool through invitation
- Protected by advanced RSA algorithm

D REGISTER

Login

Mobile number

01641161703

Password

FORGET PASSWORD?

LOGIN

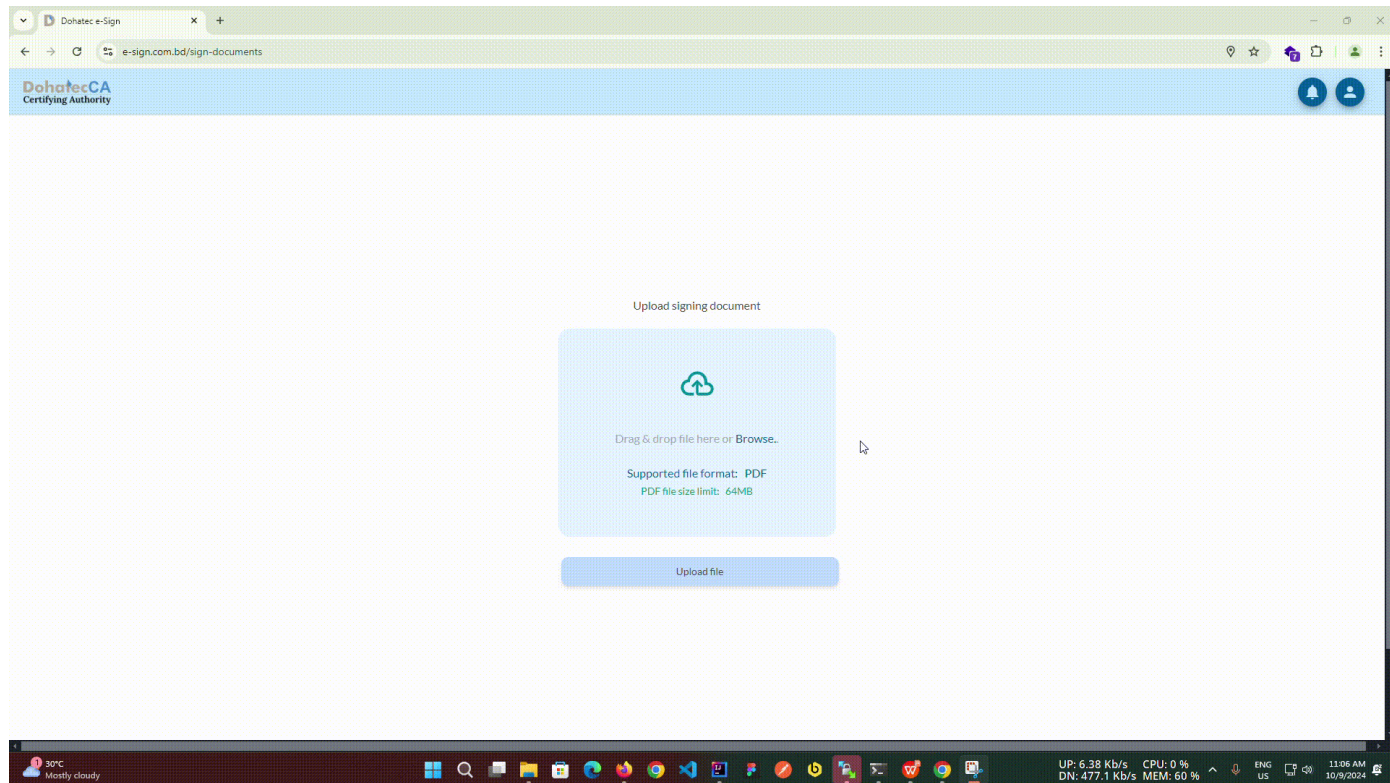
30°C Mostly cloudy

UP: 110.8 Kb/s CPU: 0 %
DN: 1.47 Mb/s MEM: 60 %

ENG US 10:45 AM 10/9/2024

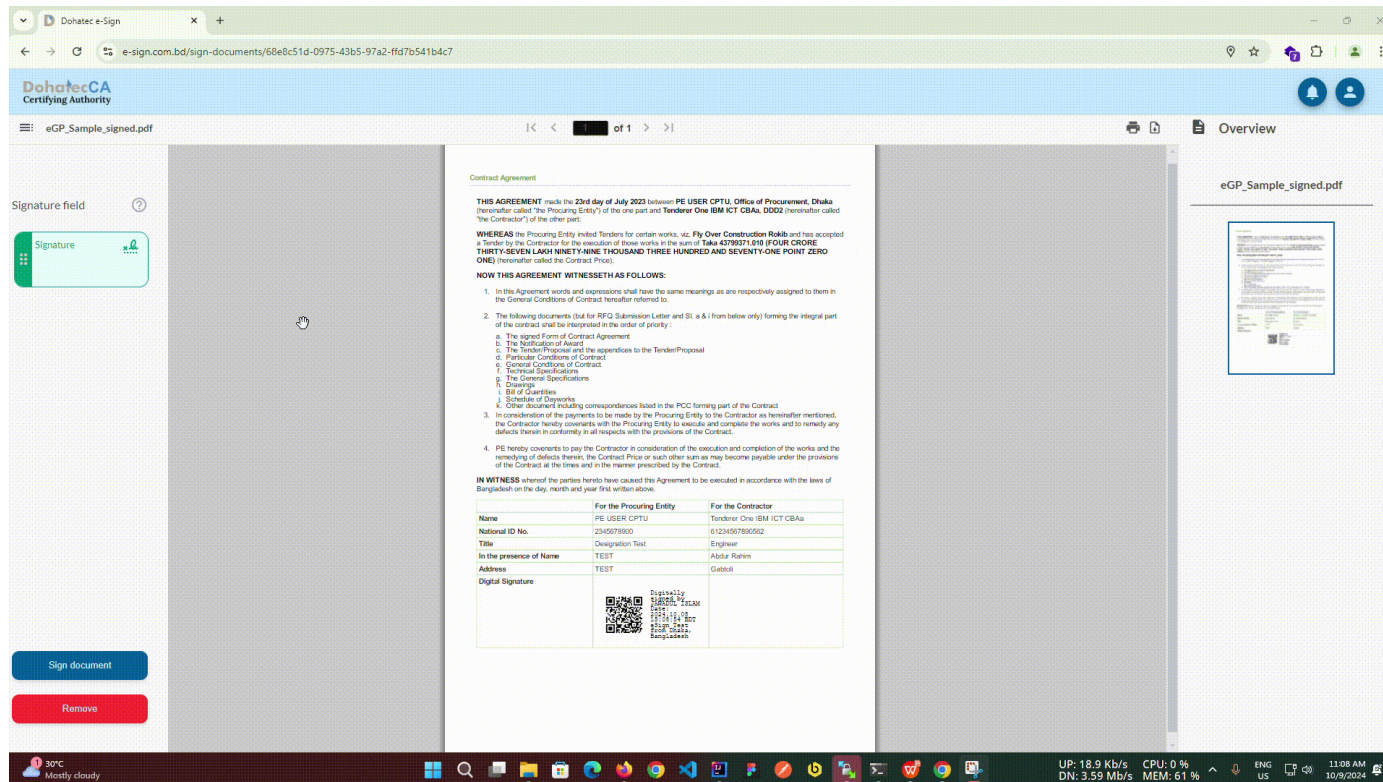
User logs in with phone number
and 6-digit PIN number

eSign-File selection



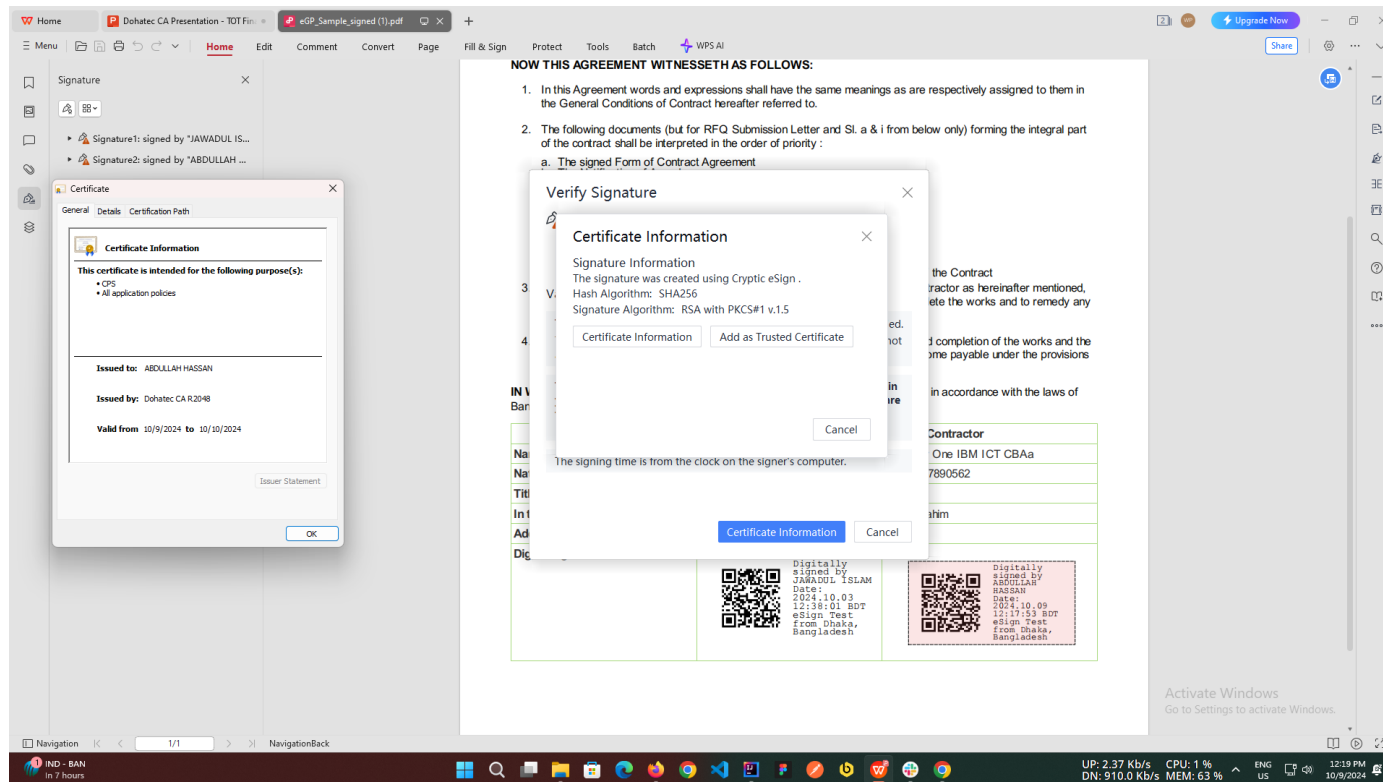
User selects a file from the file chooser
which they want to sign

eSign-Signing



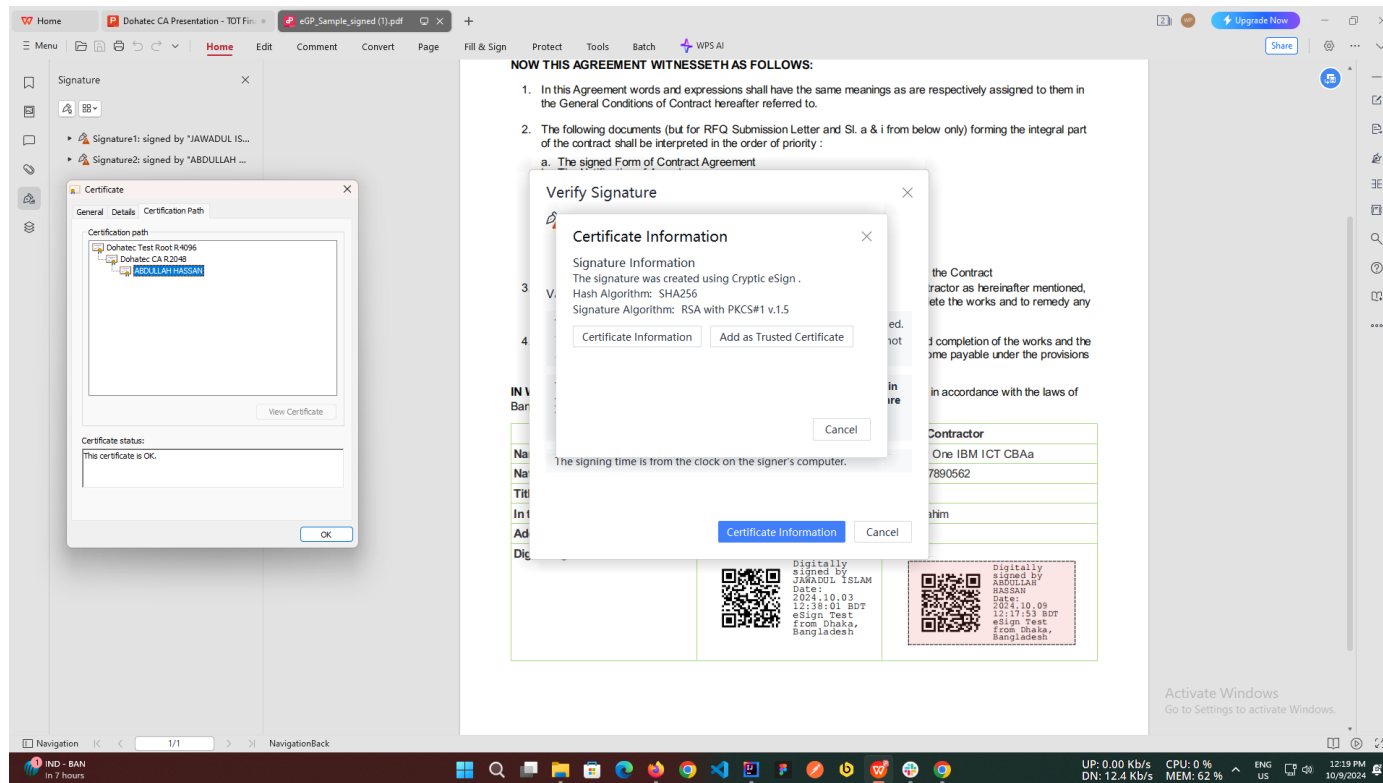
User drags and drops the sign position
and click on Sign Document button. User needs to select suitable package and
input their PIN number for added security
Trust ■ Security ■ Authentication

eSign-Signed Certificate



Certificate details after signing

eSign-Signed Certificate



Certificate chain after signing

Q&A



Thank You