



20CYS205 MODERN CRYPTOGRAPHY

AMRITA SCHOOL OF COMPUTING

TIFAC – CORE IN CYBER SECURITY

Implement a Scenario that uses a Blind Signature Scheme USER MANUAL

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USER MANUAL

For voter:

Username

Password

Aadhar ID

Voter ID

Close

Log in

The username, password, aadhar id and voter id should be entered. It'll be checked with the database if the credentials match. If the authentication is successful, then the voter is allowed to log in

Voter Login

☒ Party A

☐ Party B

☐ Party C

☐ Party D

Submit Vote

The voter can then vote and click on the submit button

Thank you for voting

Logout

The voter can then log out

The next time the voter logs in, they will be able to see if their vote has been approved or rejected.

Your vote has been rejected!

Logout

User manual for signer:

Signer

Username

signer

Password

.....

Close

Log in

Log in with credentials

Signer's Dashboard

ID	Name	Aadhar ID	Voter ID	Blinded Message	Action
2	Hamsini	2345	2345	917	<button>Sign and Send to Verifier</button>

Get Blinded Messages

Click on the “get blinded messages” button and “sign and send to verifier” button.

Signer's Dashboard

Sent to verifier!

ID	Name	Aadhar ID	Voter ID	Blinded Message	Action
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Get Blinded Messages

Log out.

For verifier:

Verifiers Dashboard

Sno

View Message Signature Pair

View message signature pair

View v1 and v2

Approve

Reject

Click to view the message signature pair



View v1 and v2

×

v1: 338

v2: 934

Close

Click to view v1 and v2. If they are the same, approve the message, else, reject it.

Voting Machine

Statistics

Logout

It has been rejected!

×

Verifiers Dashboard

Sno

View Message Signature Pair

Now, you can view the statistics

Distribution of Votes

