

1. Using Node.js create an API on which you can perform basic operations for CRUD for the user.
2. For every user getting created a signing key will be generated using ED25519 (use libsodium).
3. Send the private key and public key as the response to user creation and store the public key in the database.
4. Create a POST /verify route where a signature is received under the X-Signature header for the request body and the request body is verified using the same ED25519 algorithm and the public key stored for that user in the backend.
5. Don't save the private key in the backend.
6. Please also create a client (No extensive UI Required) to demo the CRUD and POST /verify route.

Deliverable

- 1) Link to GIT code base where the above has been done
- 2) Host the solution on netlify or heroku etc