

What Kinds of APIs Will SautiYetu Need?

Here are the key ones your project would benefit from:

◆ 1. Submit Report API (POST)

Lets a user submit a report — either text or voice.

- Method: `POST`
- What it receives:
 - Story (text or voice)
 - Abuse type
 - Optional: age range, location, contact info, consent
- What it returns:
 - “Thank you, your report has been received.”

☒ **Used by:** the frontend form or voice uploader

◆ 2. Get Abuse Statistics API (GET)

Returns general abuse stats without exposing identities.

- Method: `GET`
- What it returns:
 - Total reports
 - Breakdown by type
 - Region stats
 - Trend over time

☒ **Used by:** the admin dashboard to draw charts

◆ 3. Get Report List API (GET - Admin Only)

Gives a list of reports (no personal info unless allowed).

- Method: `GET`
- What it returns:
 - Report ID, type, text/audio snippet, date, status (responded or not)

☒ **Used by:** verified admins viewing cases

◆ 4. Respond to Victim API (POST - Admin Only)

Allows admin to reply if victim gave permission.

- Method: `POST`
- What it receives:
 - Report ID
 - Admin's message or help
- What it does:
 - Logs the action and sends feedback if needed

☒ **Used by:** counselors responding to victims

◆ 5. Login API for Admins (POST)

Lets admins log in securely to get a token/session.

☒ **Used by:** the admin panel login form

◆ 6. (Optional) Audio Upload API (POST)

For recording and uploading voice messages from users.

☒ **Used by:** victims who record their report

API Security Considerations

- **Anonymous API (like report submission)** doesn't require login.
 - **Admin-only APIs** must be protected with:
 - Login + tokens (authentication)
 - Role checks (authorization)
 - **Audio files** should be encrypted before storage.
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Summary Table: APIs You'll Need

Endpoint	Method	Who Uses It	What It Does
/api/submit-report/	POST	Victim	Sends a new report
/api/reports/	GET	Admin	Views report list
/api/respond/	POST	Admin	Responds to a victim
/api/stats/	GET	Admin	Gets data for analytics
/api/login/	POST	Admin	Logs in and returns token
/api/upload-audio/	POST	Victim	Sends voice recording