Backend Flow

Request
IP
header
body
param
url

index.js
Main Gate

① cors → checks the orgin of Req.
② express.json() → Convert the body → json
③ cookies-parser → Reads if any cookie

[**Router code**] which shows the direction.
app.use("/auth", AuthRouter)

floor

Router
coooridor

→ auth Router
→ admin Router
→ public Router
→ or any Specific Router

error

error

Middle Ware

Protect
(admin Protect / Resturant Protect)

Contoller
if-else check

CRUD

DB

nodemailer

Cloudinary

Models :- DB Schema

Utils :- Services
(email service
phone OTP Service
Bulk image Upload)

Seeders: Dumy data
Default data
(Admin)

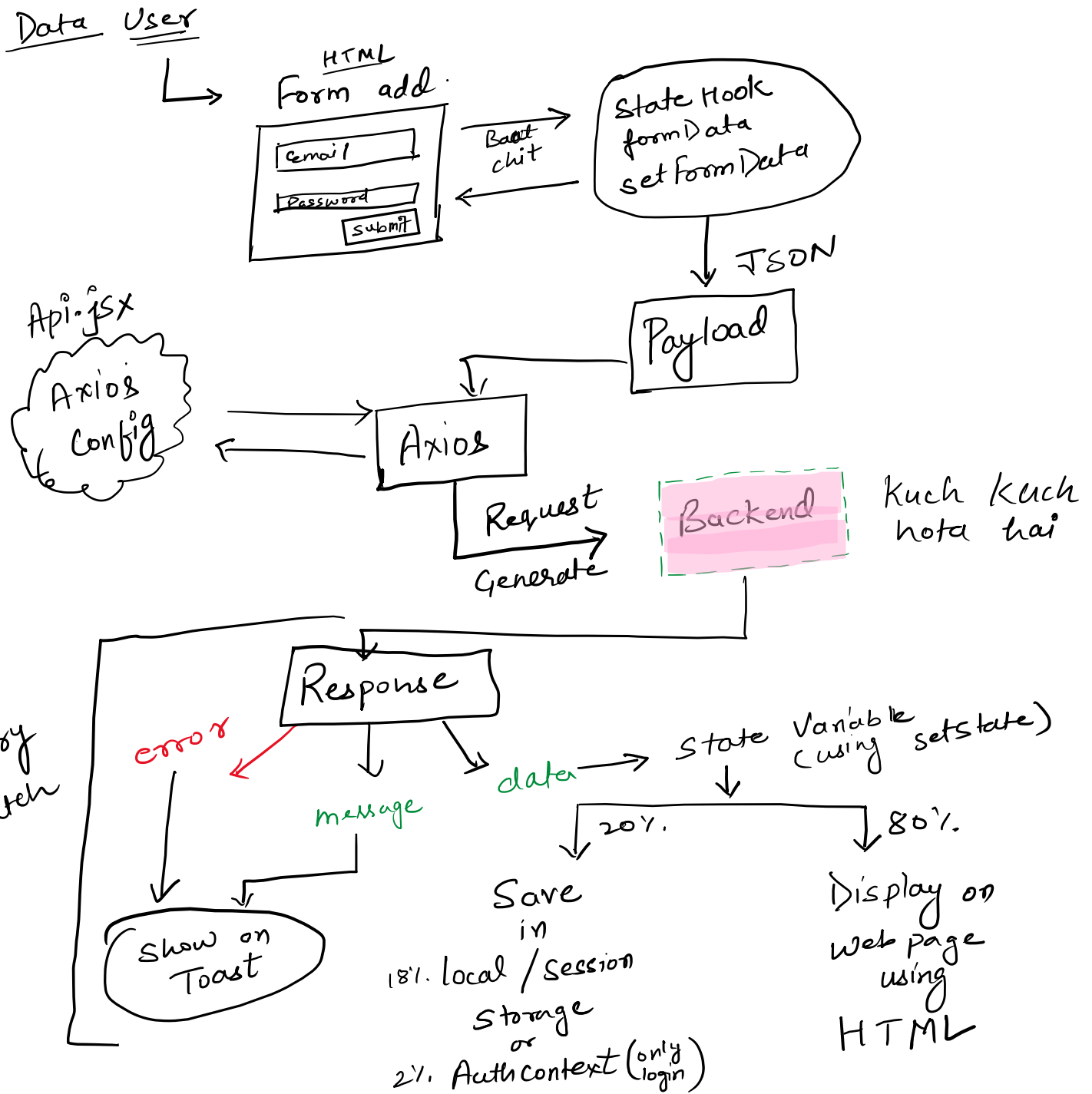Config: Configuration or
Setup for
email, DB, Cloudinary
etc

O/P

**Inside Index
Error Handler**

Response

Default Error Handler

FrontEnd Flow

Data User

→ HTML
Form add.

| email |
| Password |
| Submit |

← Baat chit →

State Hook
formData
set formData

↓ JSON

Payload

Api.jsx

Axios Config

→ Axios

Request Generate →

Backend — Kuch Kuch hota hai

↓

Response

→ error (red)

→ message → Show on Toast

→ data → State Variable (using setState)

20% → Save in
18% local / Session Storage
or
2% Auth context (only login)

80% → Display on Web page using HTML

Try Catch

.env

enviroment Variables which keep some secret Information about the Project

like → API Key
GMAIL PASSCODE
MONGO URI

Seeder (Thunder client)

① Dummy Data.

const full name: Admin
const email: admin@xyz.com
const pass: Admin@123
const role: Admin

bcrypt → password

② Connect DB

③ const AdminUser =
await User.create(
{ fullna
email
pas: Hash Password
} role

④ log ("Admin Seeded Successful");