## GenzCaller Backend API

This is my backend-only project that works like Truecaller. It allows users to register, save contacts, search numbers, and check for spam reports.

### Steps to Set Up the Project

#### 1. Extract the Zip File

Unzip the project folder and navigate to it in the terminal.

#### 2. Initialize Node.js Project

```
npm init -y
```

#### 3. Install Dependencies

```
npm install express cookie-parser prisma @prisma/client bcryptjs jsonwebtoken dotenv cors
```

#### 4. Setup Prisma with PostgreSQL

1. **Initialize Prisma**
2. npx prisma init
3. **Update prisma/schema.prisma** with the database connection.
4. **Run Migration**
5. npx prisma migrate dev --name init

#### 5. Start the Server

```
node script.js
```

The server runs on **http://localhost:3000**.

### API Endpoints

### User Routes

#### 1. Signup

POST /user/signup

```
{
  "phoneNumber": "9876543210",
  "firstName": "John",
  "lastName": "Doe",
  "email": "john@example.com",
  "password": "password"
}
```

#### 2. Login

POST /user/signin

```
{

  "phoneNumber": "9876543210",

  "password": "password"

}
```

### 3. Logout

POST /user/signout

### 4. Get Profile

GET /user/profile

## Contact Routes

### 5. Add Contact

POST /user/contact/add

```
{

  "ownerPhoneNumber": "9876543210",

  "savedNumber": "1234567890",

  "savedName": "JD Electric"

}
```

## Search Routes

### 6. Search by Phone

GET /user/search/phone?number=1234567890

### 7. Search by Name

GET /user/search/name?name=John

## Spam Reporting

### 8. Report Spam

POST /user/report/spam

```
{

  "phoneNumber": "1234567890"

}
```

### 9. Check Spam

GET /user/check/spam?number=1234567890

## Testing in Postman

1. Open **Postman**.
2. Enter the URL (e.g., http://localhost:3000/user/signup).
3. Select **POST, GET, etc.**.

4. If required, go to **Body -> raw -> JSON**.
5. Enter request data and hit **Send**.
6. Check the response.

**Notes**

- Make sure **PostgreSQL is running**.
- Use npx prisma studio to see the database.
- Use console.log to debug if needed.

That's it!