**Tensorgo Project Setup Documentation**

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**Clone the Repository**

git clone git@github.com:ataul-mustafa/tensorgo-assignment.git

cd tensorgo-backend

**Backend Setup**

**Prerequisites**

Ensure you have the following installed on your system:

* Node.js (v14 or higher)
* npm (v6 or higher)
* MongoDB (running instance)

**Change the directory**

Cd server

**Install Dependencies**

npm install

**Environment Variables**

Create a .env file in the root of your project and add the following variables:

Copy code

PORT=5000

GOOGLE\_CLIENT\_ID=your\_google\_client\_id

GOOGLE\_CLIENT\_SECRET=your\_google\_client\_secret

MONGO\_URI=your\_mongodb\_uri

FRILL\_API\_KEY=your\_frill\_api\_key

SESSION\_SECRET=your\_session\_secret

JWT\_SECRET\_KEY=your\_jwt\_secret\_key

**Google OAuth Setup**

1. Go to the Google Developers Console.
2. Create a new project or select an existing one.
3. Navigate to the **OAuth consent screen** and configure it.
4. Go to **Credentials** and create **OAuth 2.0 Client IDs**.
5. Configure the authorized redirect URIs. For development, you can use: http://localhost:5000/auth/google/callback.
6. Copy the **Client ID** and **Client Secret** into your .env file.

**MongoDB Setup**

Ensure you have a running MongoDB instance. You can use services like [MongoDB Atlas](https://www.mongodb.com/cloud/atlas) or run a local instance. Update the MONGO\_URI in your .env file with your connection string.

**Running the Server**

npm run dev

The backend server should now be running on <http://localhost:5000>.

**Frontend Setup**

**Prerequisites**

Ensure you have the following installed on your system:

* Node.js (v14 or higher)
* npm (v6 or higher)

**Chagne the direcotry**

cd client

**Install Dependencies**

npm install

**Environment Variables**

Create a .env file in the root of your project and add the following variable:

VITE\_APP\_GOOGLE\_CLIENT\_ID=your\_google\_client\_id

**Running the Client**

npm run dev

The frontend should now be running on <http://localhost:5173>

In case you have any query please mail me at ataul.computer786@gmail.com