Student CRUD App

Simple basic CURD based node js application

Topics

Requriments

- nodejs 18.16.1(prefferd)
- mongodb server
- firebase account

Installing

1. Clone the this project or download it as zip and extract.
2. Now open project in Vscode or any IDE and open terminal and run `npm i`
3. Rename `.env.example` to `.env` and change the DB & other things if required.

Setup Firebase

1. Create a simple project in Firebase use this article How to create firbase project
2. Now go to Project settings in firebase and go to Service Account. Click on Generate new private key. It will download a file, rename it to `serviceAccountKey.json` and copy into our project.
3. Now open same project in google cloud and get the project api key use https://console.cloud.google.com/apis/credentials , from this link you can get your firebase project API key put it in `.env` file in project.

Running

1. Open terminal in you project and run `npm start` - this will start the server
2. Now open http://localhost:5000/ - to test server is running
3. Now open http://localhost:5000/api-docs to se api documentation.
4. Click on the `/student/init` API and try out and excute - this will create a sample user for starting in DB whose `email: test@email.com , password: test`
5. Now you can test different api and run them.

Reference

Google Cloud: https://firebase.google.com/docs/projects/api-keys

Medium Article: https://derrickotte.medium.com/creating-your-first-firebase-project-a-step-by-step-guide-4198a97cef9a