



DEV-BOMB DOCUMENTATION

Cristian Machuca



Web Site 2021

Content:

1. About this Project.

Site adapted for several navigators, and O.S as well.

Informatic Details:

- a) **General concept of the software:** game based on famous minesweeper which used to come with old versions of Win.
- b) **Especification of the project:** in general view, is a Fullstack Project which has different tech on it to work, React and Bootstrap for Frontend and Backend running on Node, Express joining a Data Base with Firebase. Deployed on Netifly with own dominian.
- c) **How to run it:**
Get dependencies from server side first...
npm install
npm run dev
Get dependencias from client side then...
npm install

General view:

- General idea: Game to spend kind of time_
- Objectives: Give some fun for users.

- Users: any people who get registered.

Specific details

- General requeriments: Dependencies get installed for running properly.
- Funcionalities: Besides the game, users can send a comment.
- Reaching: Since users ge register, till users get logout.

Testing

Procedures of testing:

- minesweeper location, can be used:

jest

```

Cristian Machuca@LAPTOP-8KXWQ7MT PID6464 ~/Desktop/Proyectos/Challenge/minesweeper/minesweeper (main)
$ jest
PASS src/_test_/components/Comments.test.js
PASS src/_test_/components/Register.test.js
PASS src/_test_/components/Login.test.js

Test Suites: 3 passed, 3 total
Tests:      6 passed, 6 total
Snapshots: 0 total
Time:       7.201 s
Ran all test suites.

Cristian Machuca@LAPTOP-8KXWQ7MT PID6464 ~/Desktop/Proyectos/Challenge/minesweeper/minesweeper (main)
$ 

```

(up to tester to create coverage and snapshots)

- server location, can be used:

npm run test

```

Cristian Machuca@LAPTOP-8KXWQ7MT PID6464 ~/Desktop/Proyectos/Challenge/minesweeper/minesweeper (main)
$ npm run test

> minesweeper@1.0.0 test C:\Users\Cristian Machuca\Desktop\Proyectos\Challenge\minesweeper
> mocha --timeout 10000

Using Firebase... ~ Server on port 5080
Comments from Users
  ✓ It should GET all comments. (51ms)
  ✓ It should throw an error for bad request
  ✓ It should POST a new comment. (440ms)
  ✓ It should throw an error for bad request
  ✓ It should delete one selected comment.

5 passing (1s)

Cristian Machuca@LAPTOP-8KXWQ7MT PID6464 ~/Desktop/Proyectos/Challenge/minesweeper/minesweeper (main)
$ 

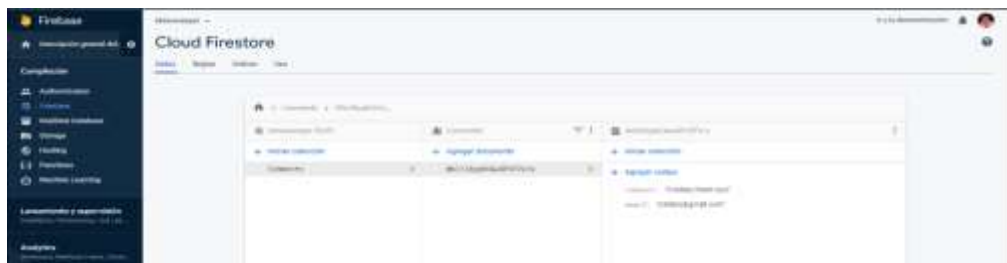
```

1. Tree model

- **Description:** tree is organized by two modules, frontend and backend. Both are connected through currently and proxy.



- **External Dependencies:**
 - API Firebase for Register and Login pages.



Project realized with JS language.

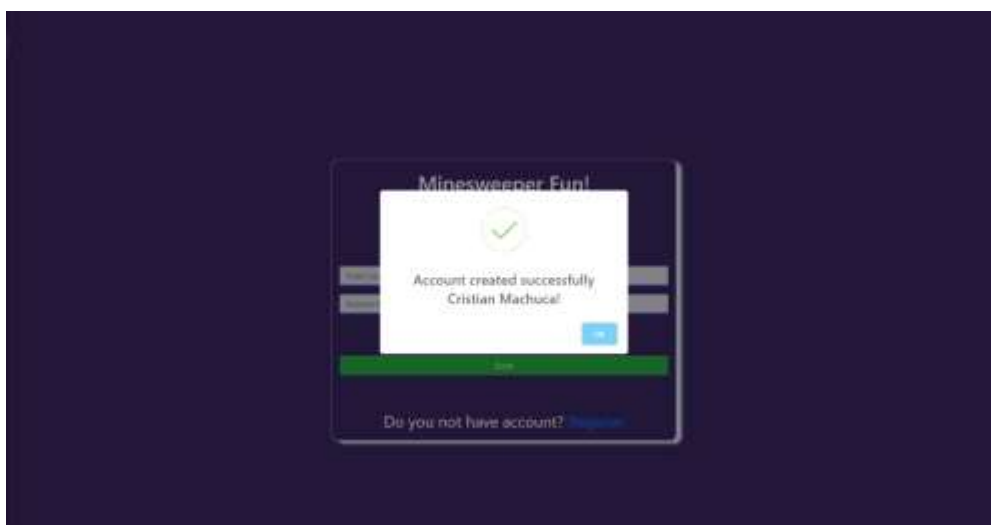
- Input data: Validated forms.
- Internal data: Persistent data.
- Output: SweetAlert library.

1. Service offered to users.

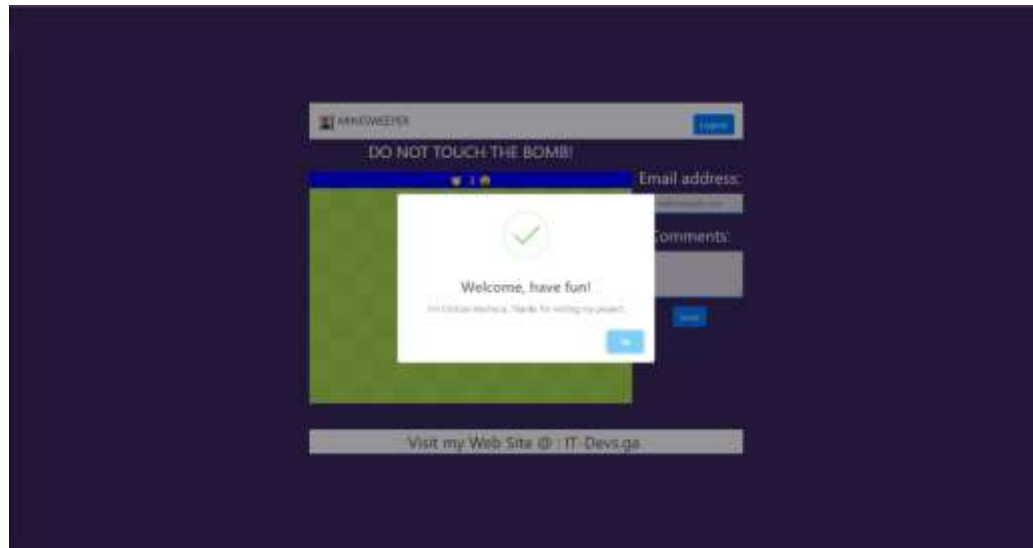
Users can send comment about any topics.



Register for account.



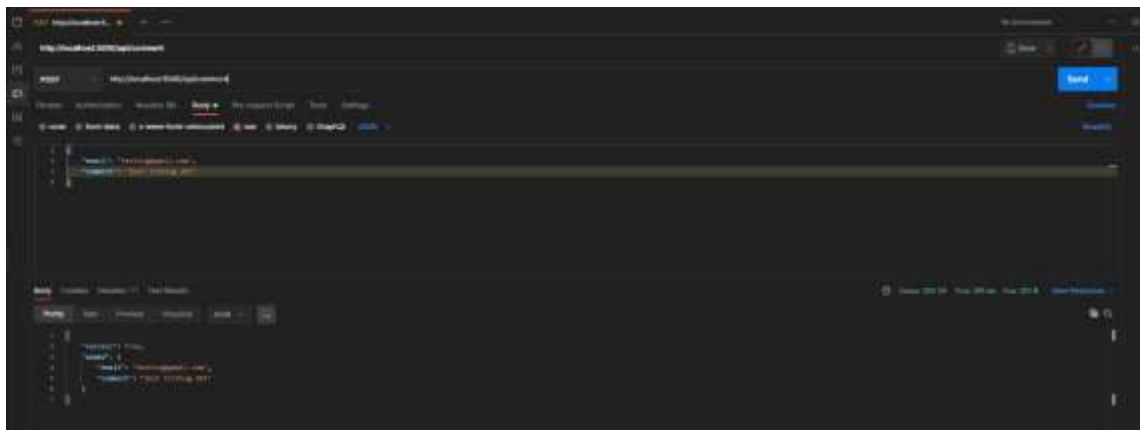
Login.

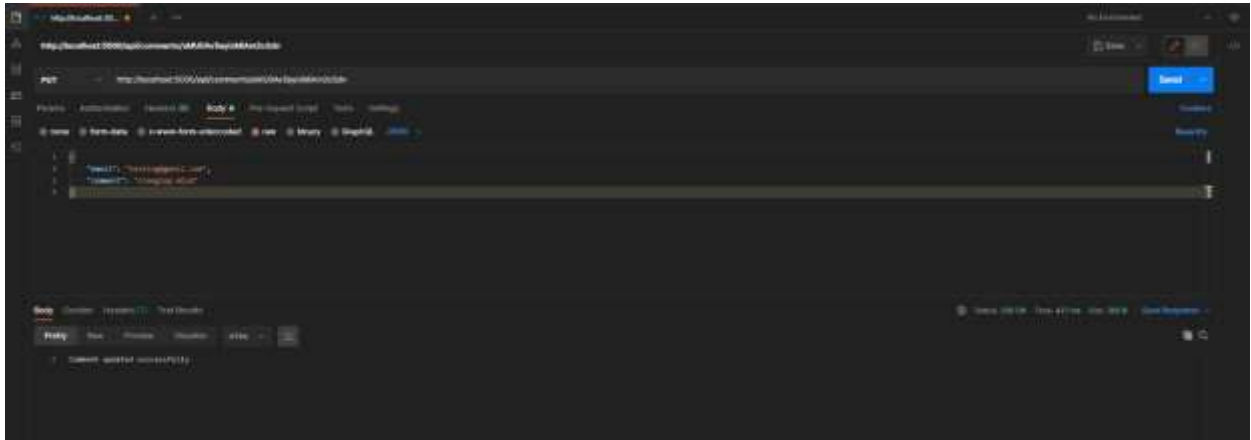


2. API CRUD

Details

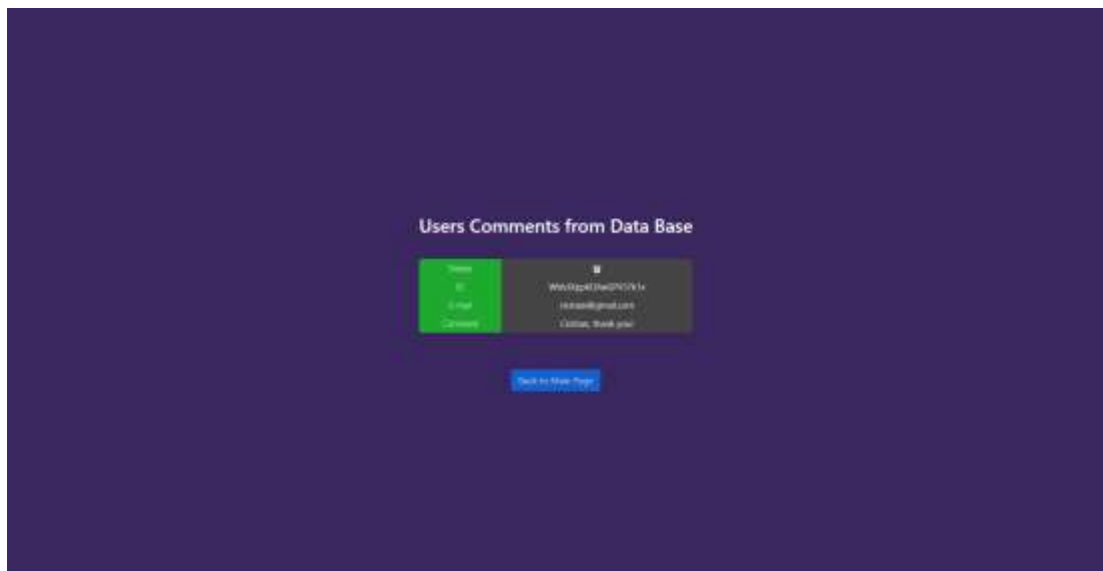
CRUD methods applied and check out with Postman service.





Extra

We can check out all comments coming from users moving in URL to: /api/admin from client side you will find out small data from DB, also chance to delete this one in real time deleting in Firebase too.



**I HOPE THIS PROJECT IN GENERAL REACH EXPECTATIONS
THANK YOU SO MUCH!**

CRISTIAN MACHUCA