

## In order to run & use this app locally:

### Clone the repository:

git clone <https://github.com/BiggaHD/Mars-EMS.git>

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### Install the necessary dependencies:

Run **NPM install** in all three folders:

- ROOT folder (Mars-EMS).
  - BACKEND folder (Mars-EMS\backend ).
  - FRONTEND folder (Mars-EMS\frontend ).
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### Add your own credentials:

- Go to <https://console.cloud.google.com>
- Create a new project.
- Enable the **Google Spreadsheets API**.
- Create OAuth credentials - for the client choose **Web client**
- Copy the **Client ID** and paste it inside of the **config** file (frontend\src\config\config.js).
- Don't forget to do similar for the **backend** - Look into the '**client\_secret**' JSON file for more info.
- For the backend, you'll have to choose '**Other**' aka Installed.
- Download the file and save inside of the backend (it's root) folder under the name '**client\_secret.json**'.

**NOTE:** Both of them have to point to the same project.

Additionally, if you want to use a remote **MongoDB** storage, you'll have to the **connections.js** file and change your preferences. The file is located inside of the **backend\config\connections.js** file.

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### Now let's start the project:

Run an instance of your local MongoDB: **mongod** [ Important – this needs to start first ]

Run the following command inside of the **root** folder: **npm start**

**NOTE:** It will start the NodeJS backend and the ReactJS frontend at the same time.

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### It's time to login:

~~Login is restricted. Currently, there's only one email with approval:~~

~~Email: [bigga-test.2018@gmail.com](mailto:bigga-test.2018@gmail.com)~~

~~Password: [test\\_1234](#)~~

**UPDATE :** Login restriction has been removed [ by default ]. *To log in, you can use your Gmail account.*

Previously, the login was restricted, and to log in you had to use the email which I was providing. If you're still interested in changing the default behavior, you can achieve that, on a basic level, by editing the config file located in [frontend\src\config\config.js](#)

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### This part is very important:

After you get redirected, copy the code received from Google, go back to localhost: 3000 or Heroku's domain (depending on where you're doing the testing), paste it into your app and confirm.

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### Deployed version:

To test it online please **visit:** <https://hr-ems.herokuapp.com>

**Login** with the same email and password provided above, after redirect allow the app the permissions needed [ it's my mail anyways :) ], copy the code, go back, paste the code, submit and enjoy while testing it. If you want to test the app to its fullest, here are links for the 2 Google sheets used in this app:

- a) [Employee spreadsheet](#) (used to manage employees, their salaries, status, bonuses, penalties, etc.).
- b) [Accountant spreadsheet](#) (used to calculate salaries).