

1. Installation Instructions

To run everything in this project node 14 and npm are needed¹.

1.1. API

- cd MathGamesAPI
- docker run --name mysql8 -e MYSQL_ROOT_PASSWORD=password -e MYSQL_DATABASE=demo -e MYSQL_USER=demo -e MYSQL_PASSWORD=password -p 3306:3306 -d mysql/mysql-server:8.0.23
- npm install
- npm start

1.2. Web Application

Dependencies

- npm install --global yarn

Run

- cd WebApp/mathgames_app
- yarn install
- yarn start

1.3. Mobile Application

Expo² and Expo Go³ are required for compiling the mobile app in Android and IOS, respectively.

Online functionalities don't work when running the mobile app inside UA's network.

Dependencies

- npm install --global yarn

¹ <https://nodejs.org/en/download/>

² <https://play.google.com/store/apps/details?id=host.exp.exponent>

³ <https://apps.apple.com/pt/app/expo-go/id982107779>

- npm install --global expo-cli

Run

- cd MathGamesMobile
- yarn install
- expo start

1.4. Desktop Application

Run

- cd WebApp/mathgames_app
- yarn install
- npm run electron-react

1.5. Compile Desktop App To Installation File

Dependencies

- rpm package manager (sudo apt install rpm)
- npm install --global yarn

Package

- yarn make

2. Repository Links

Main Application Repository: https://gitlab.com/Miglou/pi_mathgames

Promotional Website Repository:

https://github.com/ricardocruz29/PI_projectWebsite