

GROW PATH
INSTALLATION GUIDE

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1 Prerequisites

Before proceeding with the installation, ensure the following are installed:

1. Git
2. Python and pip
3. Flutter SDK and Dart SDK
4. Node.js and npm
5. An emulator or a physical device for mobile app testing

2 Repository Cloning

1. Open a terminal
2. Clone the repository using:
`git clone https://github.com/Zaki-goumri/projet-2cp-front.git` (Web)
3. Clone the repository using:
`git clone https://github.com/KerritoIslam/2cp-App.git` (App)
4. Clone the repository using:
`git clone https://github.com/Moundher122/CP2Project.git` (Back)
5. Navigate to the cloned directory:
`cd your-project`

3 Installing the Django Backend

1. Navigate to the backend project directory:
`cd ./CP2Project`
2. Copy and configure environment variables:
Copy `.env.example` to `.env` and adjust the values as needed.
3. Build and start the containers:
`docker-compose up -build`
4. (Optional) Apply database migrations manually if not run automatically:
`docker compose exec server python manage.py migrate`
5. (Optional) Create a superuser:
`docker compose exec server python manage.py createsuperuser`
6. Access the application:
By default, the app should be running at `http://localhost:8000`

4 Installing the Flutter App

1. Open a new terminal and navigate to the Flutter app directory:
`cd ./2cp-App`
2. Install dependencies:
`flutter pub get`
3. Run the app:
`flutter run`

5 Installing the React App

1. Navigate to the React app directory:
`cd ./ projet-2cp-front`
2. Install dependencies:
`npm install`
3. Start the development server:
`npm run dev`

6 Troubleshooting

Django Back Ensure the environment variables in the `.env` file are correctly set and that the containers built successfully without errors. If needed, rebuild the containers using: `docker-compose up -build`

Flutter App: If the app fails to launch, verify emulator configuration or enable developer mode on your physical device.

React Frontend: If the app doesn't run, ensure Node.js is correctly installed and check for npm errors in the console.