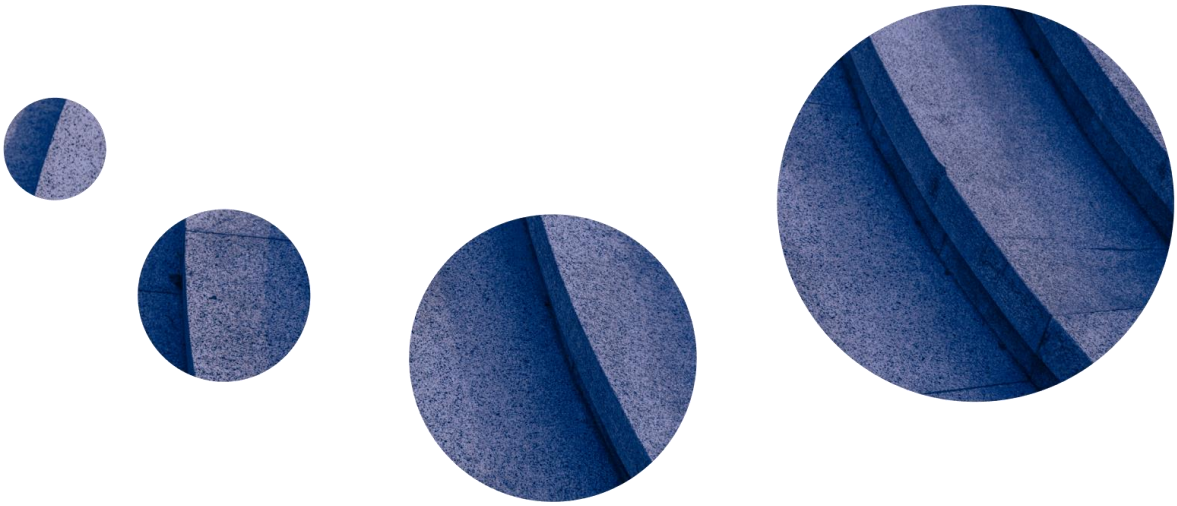

Project TeamCalendar Dockerized Setup Guide

This guide provides instructions on how to set up and run the Project TeamCalendar application using Docker. The application consists of two main components: the backend built with NestJS and the frontend built with React. Additionally, a MySQL database is utilized for data storage.

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Prerequisites

Docker installed on your system. You can download and install Docker from Docker's official website.

Getting Started

Navigate to the Project Directory: Change your current directory to the root folder of the repository.

cd <repository_folder>

Update Environment Variables (Optional): If necessary, modify the environment variables in the docker-compose.yml file according to your preferences.

MYSQL_ROOT_PASSWORD: Set the password for the MySQL root user.

MYSQL_DATABASE: Set the name of the MySQL database used by the application.

Start the Application: Run the following command to start the Docker containers for the backend, frontend, and MySQL database.

docker-compose up --build

This command will build the Docker images for the backend and frontend if they don't exist and then start all the services defined in the docker-compose.yml file.

Access the Application: Once the containers are up and running, you can access the Project TeamCalendar application by opening a web browser and navigating to http://localhost:3000.

Default Credentials

Username: admin

Password: Password123!

The application comes with a default admin user account with the above credentials. You can use these credentials to log in and explore the functionalities of the application.

Additional Information

Backend API Endpoint: The backend API is accessible at http://localhost:3001.

Database Connection: The MySQL database is exposed on port 8080.

Data Persistence: Data within the MySQL database will persist even if the Docker containers are stopped and restarted, thanks to the volume mounted for data storage.

Conclusion

Congratulations! You have successfully set up and started the Project TeamCalendar application using Docker. You can now begin using the application to manage users, actions, and calendars efficiently. If you encounter any issues during setup or usage, please refer to the troubleshooting section of the documentation or reach out to the project maintainers for assistance.