

Joshua 's landscape

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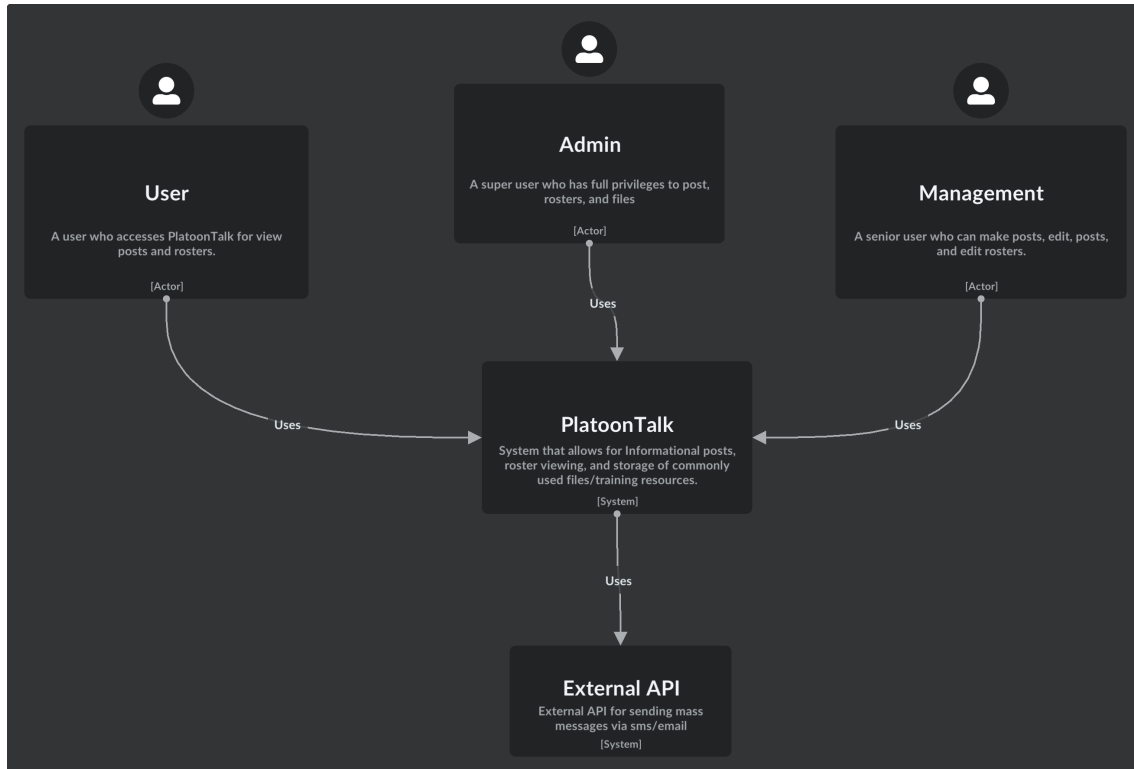
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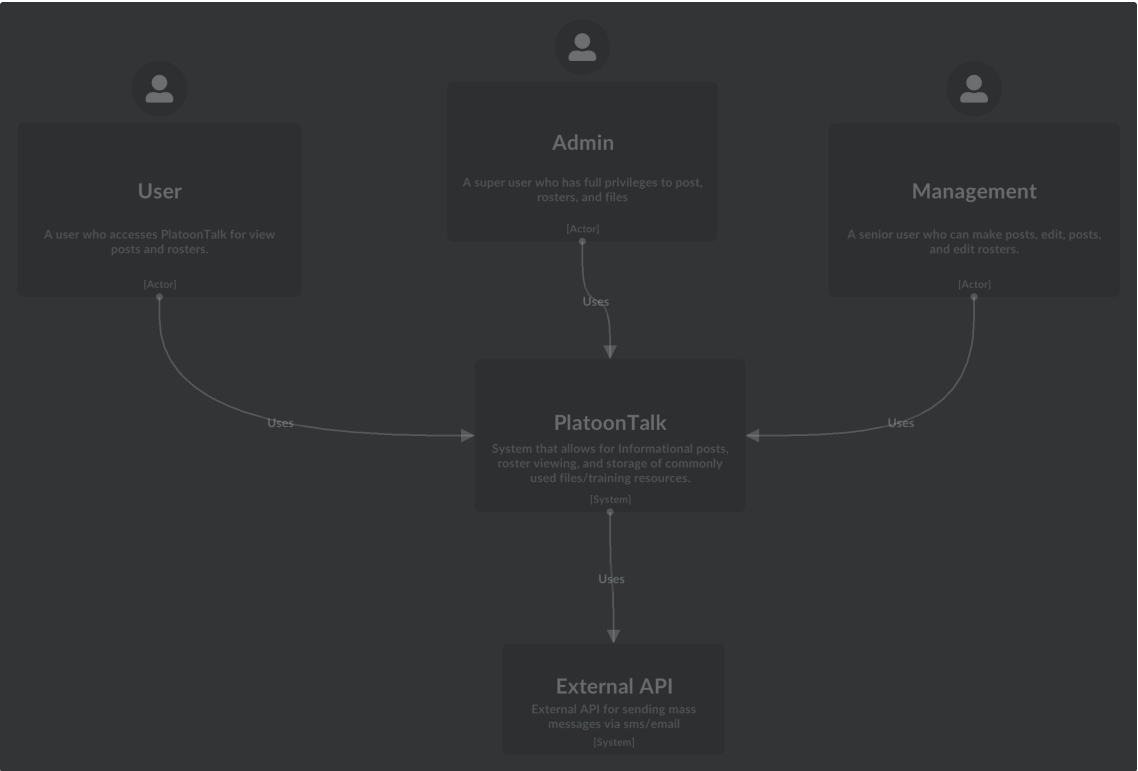
1. Context diagrams

1a. [System-Context] PlatoonTalk

This diagram is a system context view of the PlatoonTalk system



1b. Flow 1



2. Systems

2.1. External API

ClassProject

External API for sending mass messages via sms/email

2.1.1. App diagrams

2.2. PlatoonTalk

ClassProject

System that allows for Informational posts, roster viewing, and storage of commonly used files/training resources.

Technology: ReactJs, NestJS, Prisma, Postgres

Description

-

Responsibilities

-

Technical decisions

-

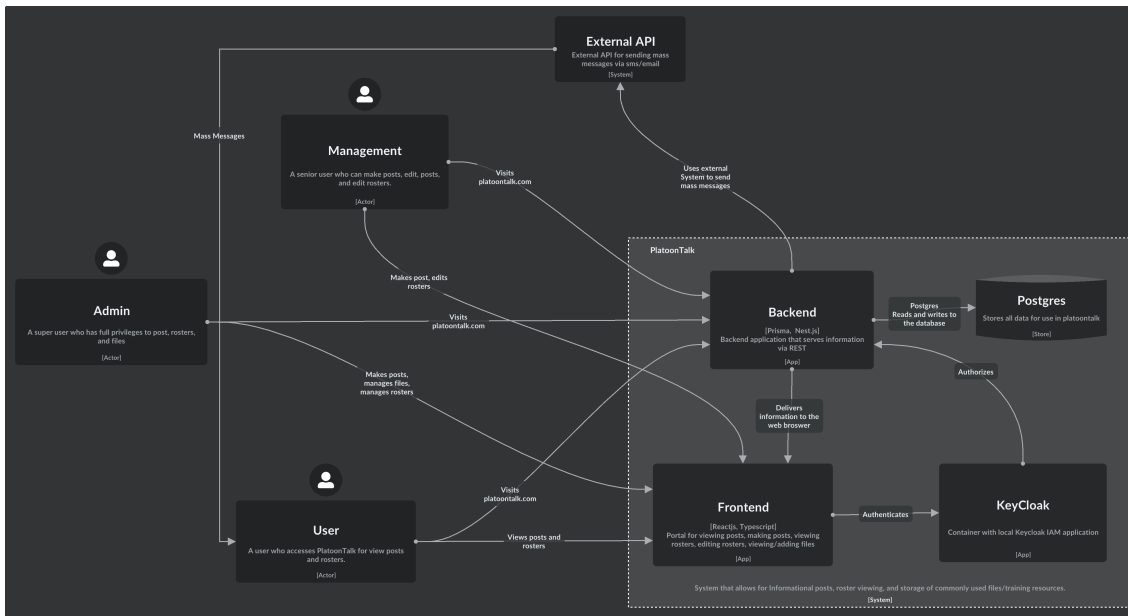
Important links

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2.2.1. App diagrams

2.2.1a. Entry diagram

PlatoonTalk Container Context



2.2.2. Apps

2.2.2.1. Backend

ClassProject

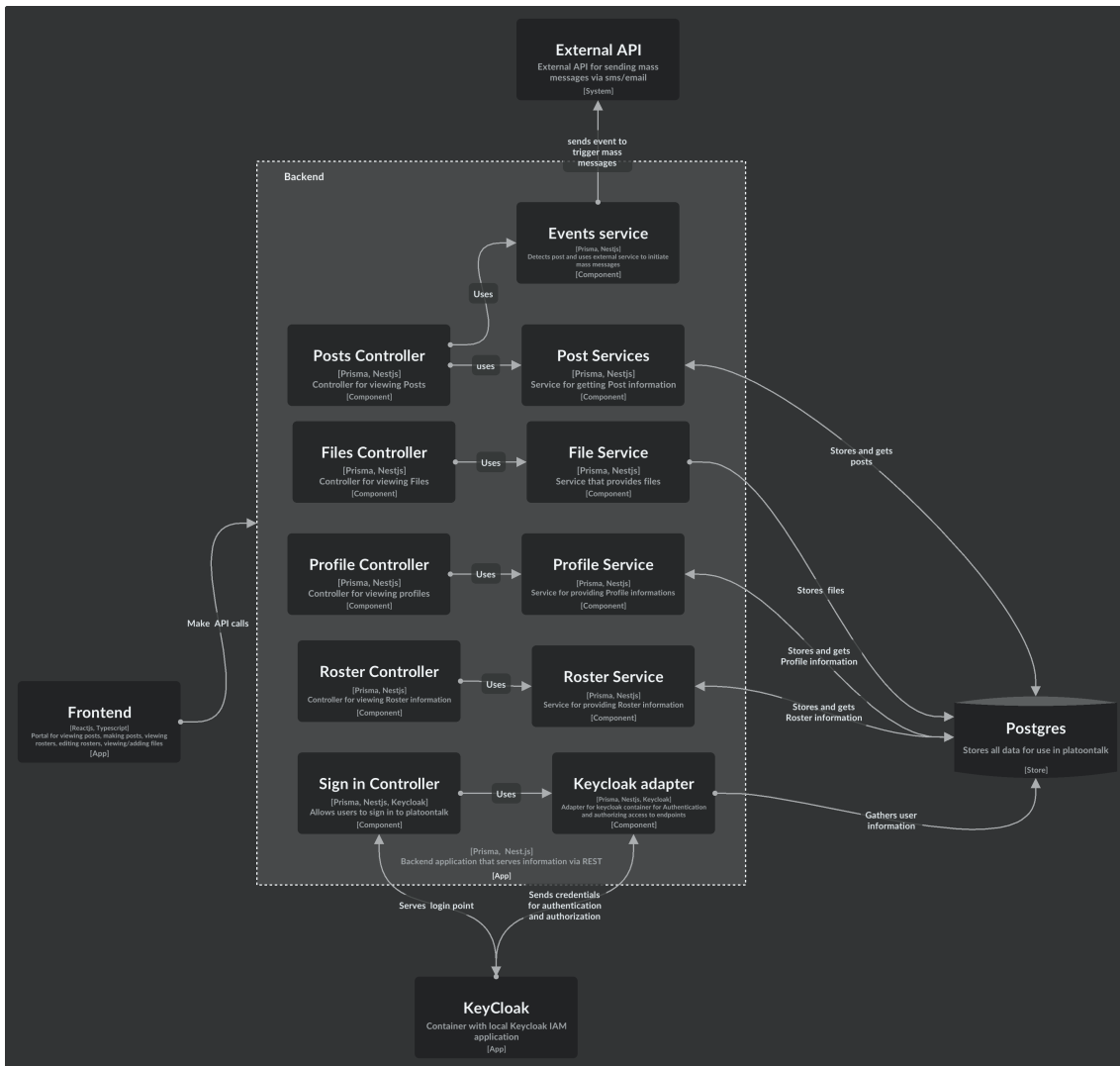
[Prisma, Nest.js] Backend application that serves information via REST

Technology: Prisma, NestJS

2.2.2.1.1. Component diagrams

2.2.2.1.1a. Entry diagram

This Diagram is a component view of the Backend Application



2.2.2.1.2. Components

2.2.2.1.2a. Events service

ClassProject

[Prisma, Nestjs] Detects post and uses external service to initiate mass messages

Technology: NestJS, Prisma

2.2.2.1.2b. File Service

ClassProject

[Prisma, Nestjs] Service that provides files

Technology: Prisma, NestJS

2.2.2.1.2c. Files Controller

ClassProject

[Prisma, Nestjs] Controller for viewing Files

Technology: Prisma, NestJS

2.2.2.1.2d. Keycloak adapter

ClassProject

[Prisma, Nestjs, Keycloak] Adapter for keycloak container for Authentication and authorizing access to endpoints

Technology: NestJS, Prisma

2.2.2.1.2e. Post Services

ClassProject

[Prisma, Nestjs] Service for getting Post information

Technology: Prisma, NestJS

2.2.2.1.2f. Posts Controller

ClassProject

[Prisma, Nestjs] Controller for viewing Posts

Technology: Prisma, NestJS

2.2.2.1.2g. Profile Controller

ClassProject

[Prisma, Nestjs] Controller for viewing profiles

Technology: Prisma, NestJS

2.2.2.1.2h. Profile Service

ClassProject

[Prisma, Nestjs] Service for providing Profile informations

Technology: Prisma, NestJS

2.2.2.1.2i. Roster Controller

ClassProject

[Prisma, Nestjs] Controller for viewing Roster information

Technology: NestJS, Prisma

2.2.2.1.2j. Roster Service

ClassProject

[Prisma, Nestjs] Service for providing Roster information

Technology: Prisma, NestJS

2.2.2.1.2k. Sign in Controller

ClassProject

[Prisma, Nestjs, Keycloak] Allows users to sign in to platoontalk

Technology: NestJS, Prisma

2.2.2.2. Frontend

ClassProject

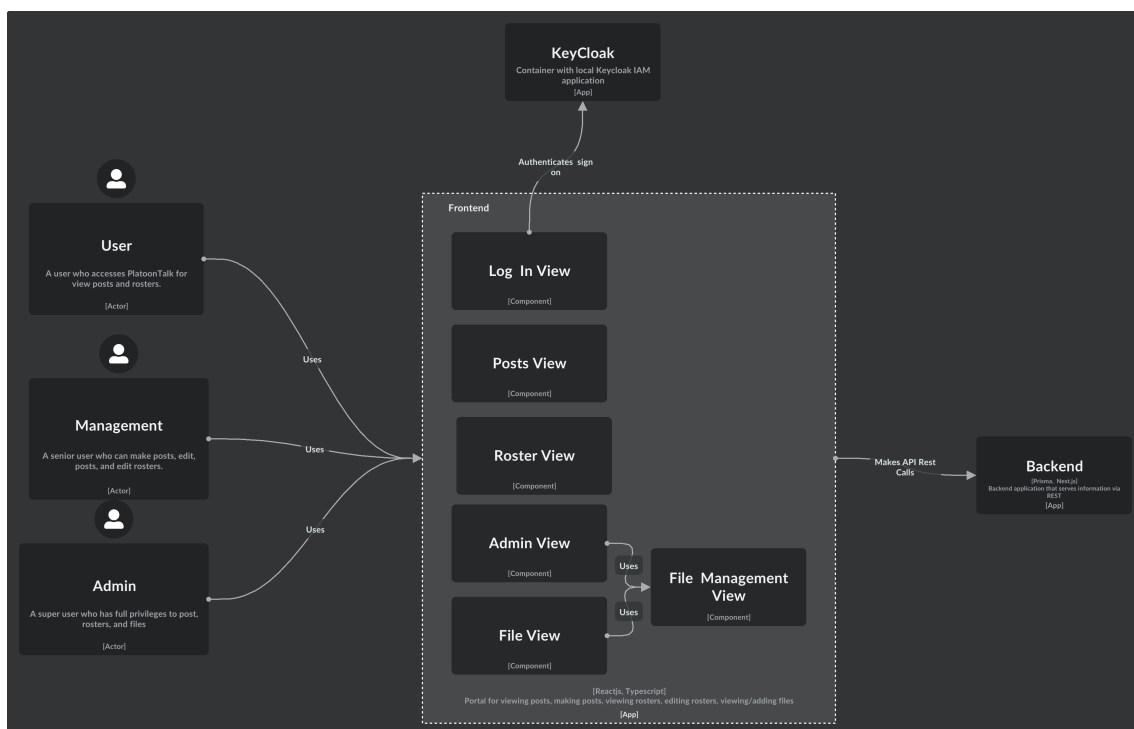
[Reactjs, Typescript] Portal for viewing posts, making posts, viewing rosters, editing rosters, viewing/adding files

Technology: ReactJs

2.2.2.2.1. Component diagrams

2.2.2.2.1a. Entry diagram

This diagram is a component view of the Frontend Application



2.2.2.2.2. Components

2.2.2.2.2a. Admin View

ClassProject

Technology: ReactJs

No description

2.2.2.2.2b. File Management View

ClassProject

Technology: ReactJs

No description

2.2.2.2.2c. File View

ClassProject

Technology: ReactJs

No description

2.2.2.2.2d. Log In View

ClassProject

Technology: ReactJs

No description

2.2.2.2.2e. Posts View

ClassProject

Technology: ReactJs

No description

2.2.2.2.2f. Roster View

ClassProject

Technology: ReactJs

No description

2.2.2.3. KeyCloak

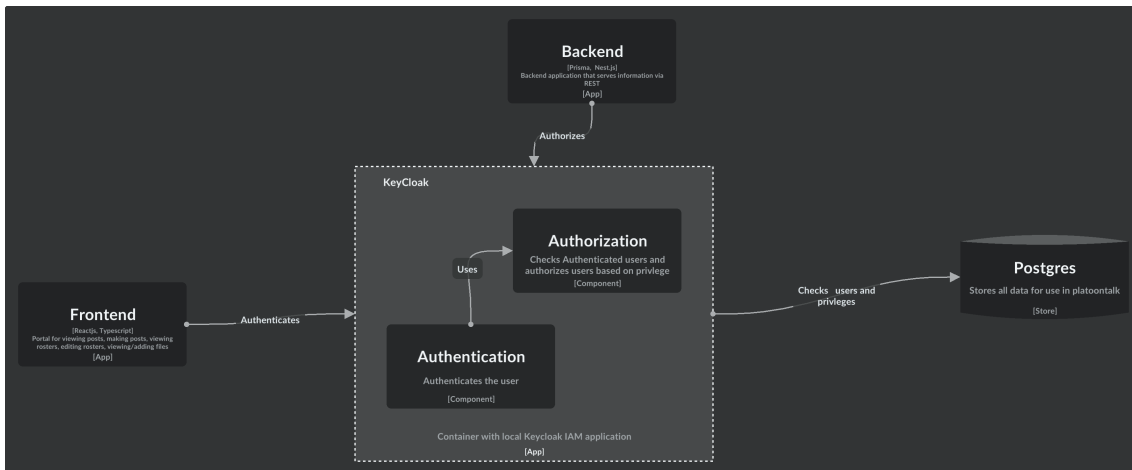
ClassProject

Container with local Keycloak IAM application

2.2.2.3.1. Component diagrams

2.2.2.3.1a. Entry diagram

This is a component view of the Keycloak application



2.2.2.3.2. Components

2.2.2.3.2a. Authentication

ClassProject

Authenticates the user

2.2.2.3.2b. Authorization

ClassProject

Checks Authenticated users and authorizes users based on privilege

2.2.3. Stores

2.2.3.1. Postgres

ClassProject

Stores all data for use in platoontalk

Technology: JSON, Postgres