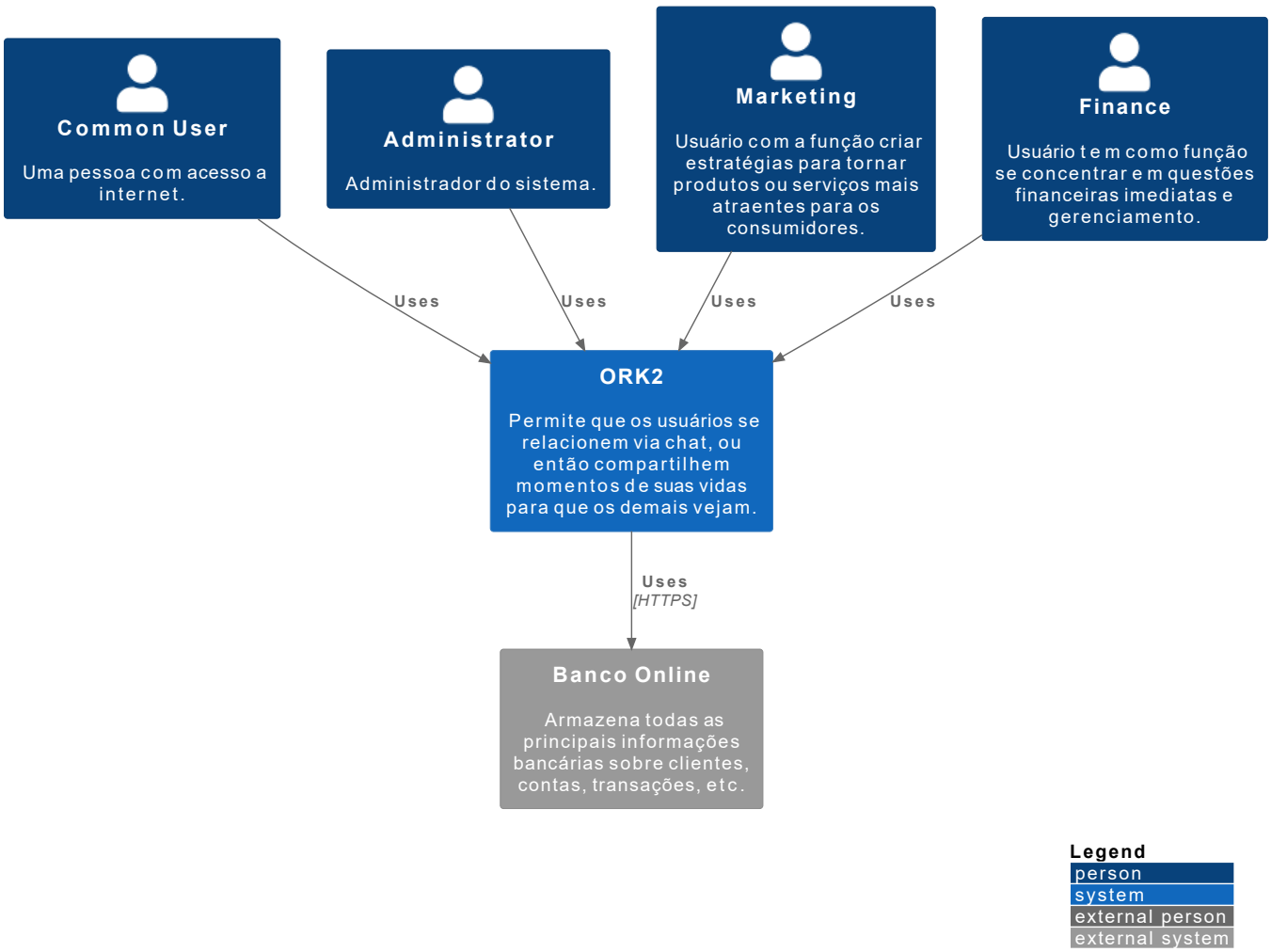
ORK2

Overview



Level 1: System Context diagram

A System Context diagram is a good starting point for diagramming and documenting a software system, allowing you to step back and see the big picture. Draw a diagram showing your system as a box in the centre, surrounded by its users and the other systems that it interacts with.

Detail isn't important here as this is your zoomed out view showing a big picture of the system landscape. The focus should be on people (actors, roles, personas, etc) and software systems rather than technologies, protocols and other low-level details. It's the sort of diagram that you could show to non-technical people.

Scope: A single software system.

Primary elements: The software system in scope. Supporting elements: People (e.g. users, actors, roles, or personas) and software systems (external dependencies) that are directly connected to the software system in scope. Typically these other software systems sit outside the scope or boundary of your own software system, and you don't have responsibility or ownership of them.

Intended audience: Everybody, both technical and non-technical people, inside and outside of the software development team.

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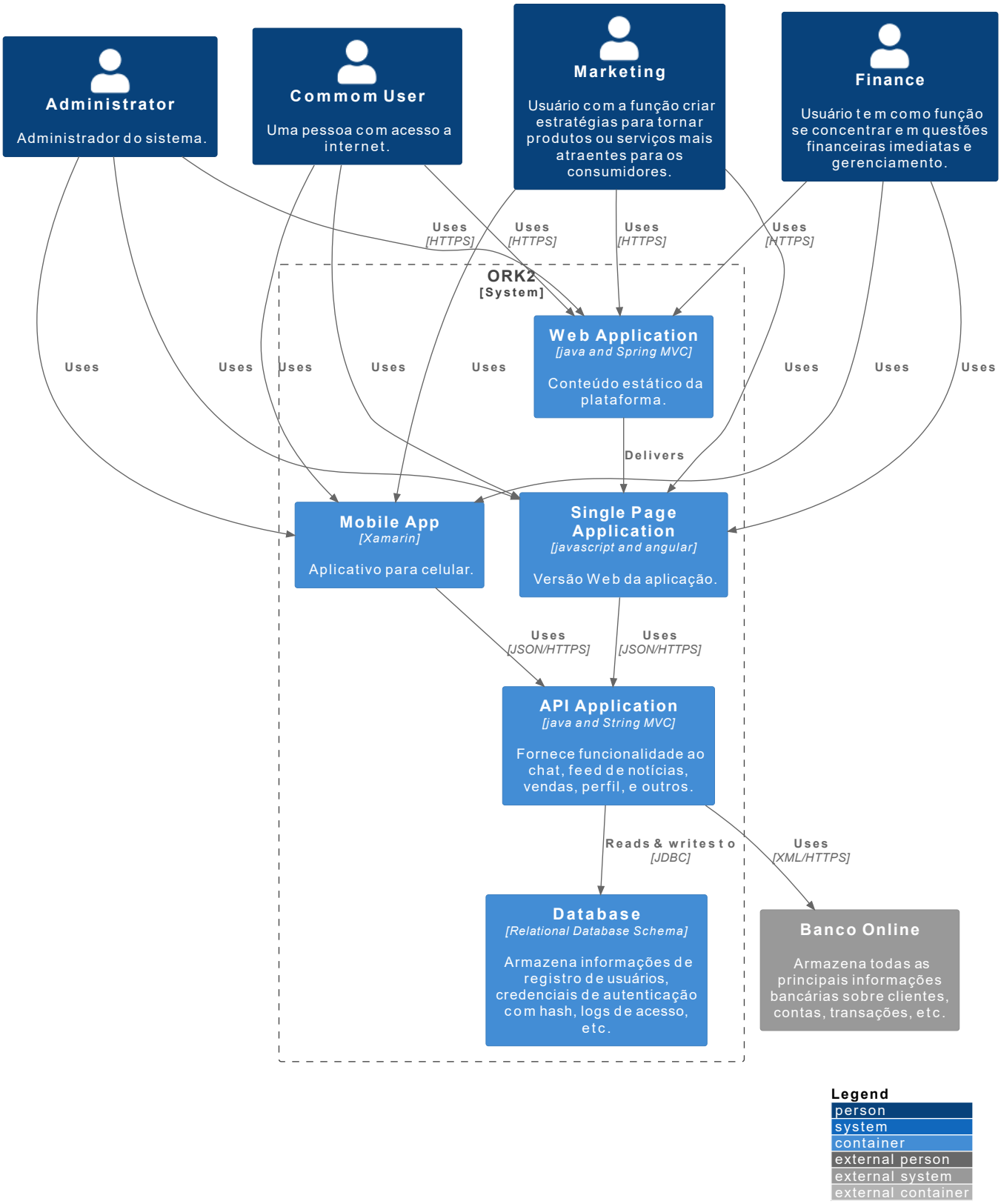

Chat Application

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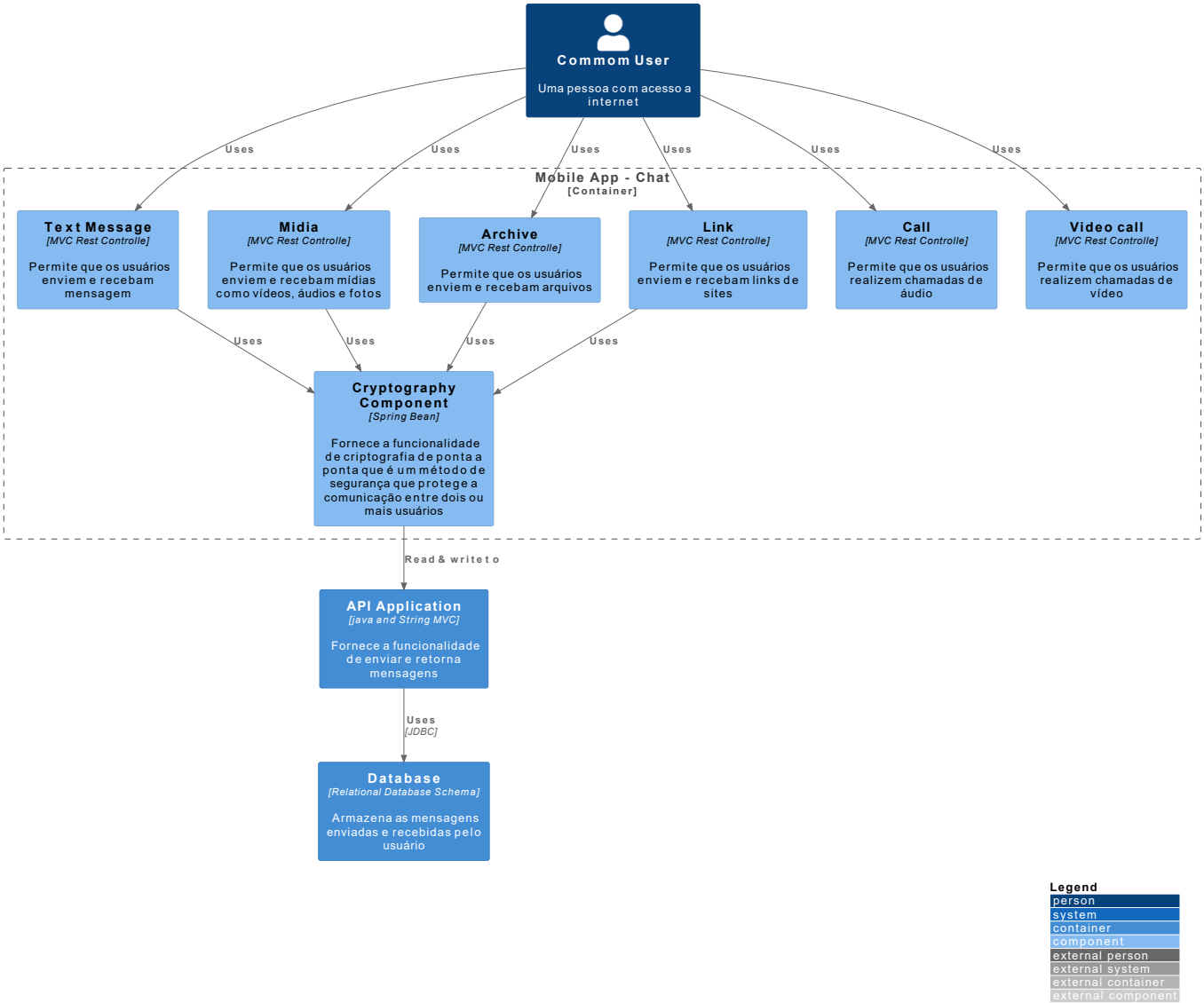
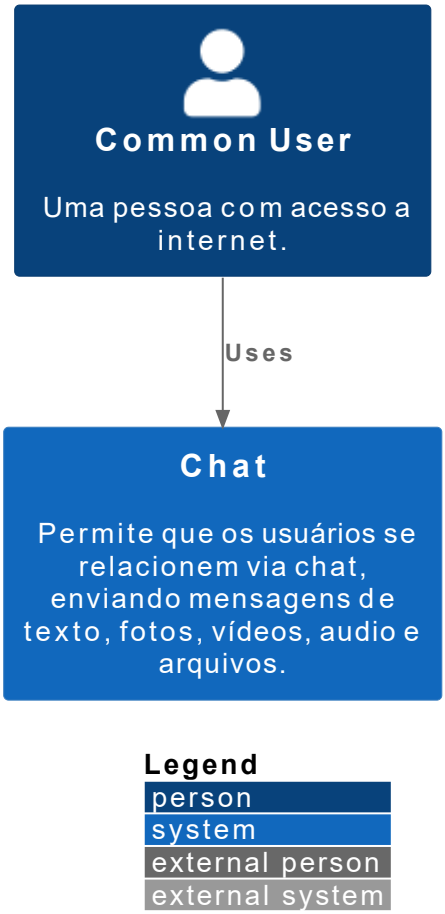
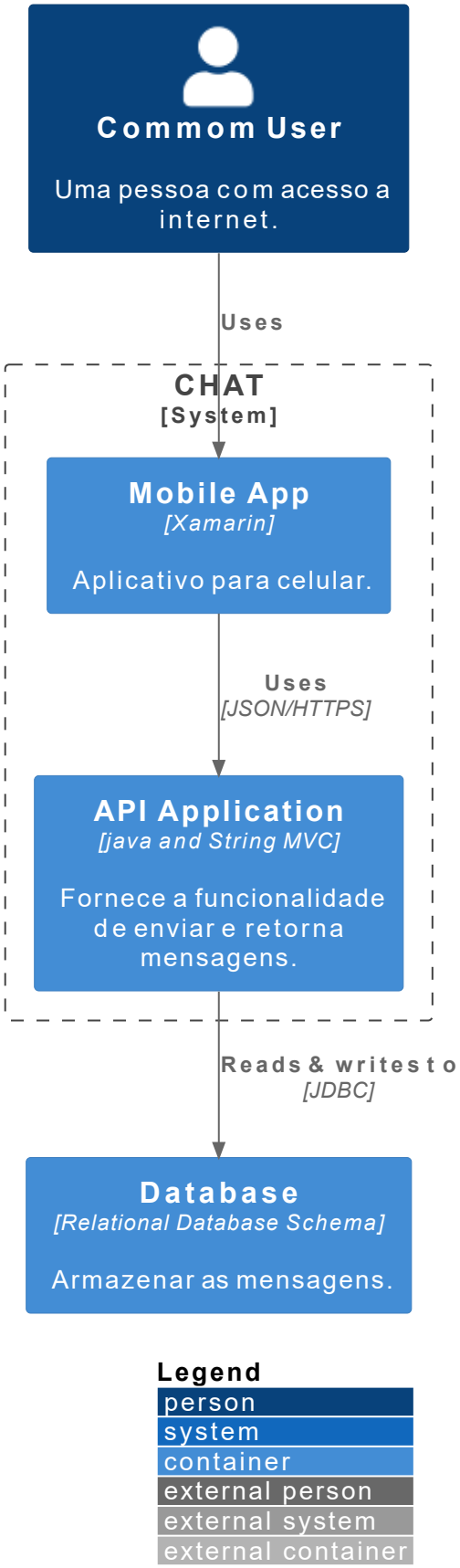

Commom User
Uma pessoa com acesso a internet
Uses
Uses
Uses
Uses
Uses
Uses
Mobile App - Chat
[Container]
Text Message
[MVC Rest Controlle]
Permite que os usuários enviem e recebam mensagem
Midia
[MVC Rest Controlle]
Permite que os usuários enviem e recebam mídias como vídeos, áudios e fotos
Archive
[MVC Rest Controlle]
Permite que os usuários enviem e recebam arquivos
Link
[MVC Rest Controlle]
Permite que os usuários enviem e recebam links de sites
Call
[MVC Rest Controlle]
Permite que os usuários realizem chamadas de áudio
Video call
[MVC Rest Controlle]
Permite que os usuários realizem chamadas de vídeo
Uses
Uses
Uses
Uses
Cryptography Component
[Spring Bean]
Fornece a funcionalidade de criptografia de ponta a ponta que é um método de segurança que protege a comunicação entre dois ou mais usuários
Read & write to
API Application
[java and String MVC]
Fornece a funcionalidade de enviar e retorna mensagens
Uses
[JDBC]
Database
[Relational Database Schema]
Armazena as mensagens enviadas e recebidas pelo usuário
Legend
person
system
container
component
external person
external system
external container
external component


Common User
Uma pessoa com acesso a internet.
Uses
Chat
Permite que os usuários se relacionem via chat, enviando mensagens de texto, fotos, vídeos, audio e arquivos.
Legend
person
system
external person
external system



Feed Application

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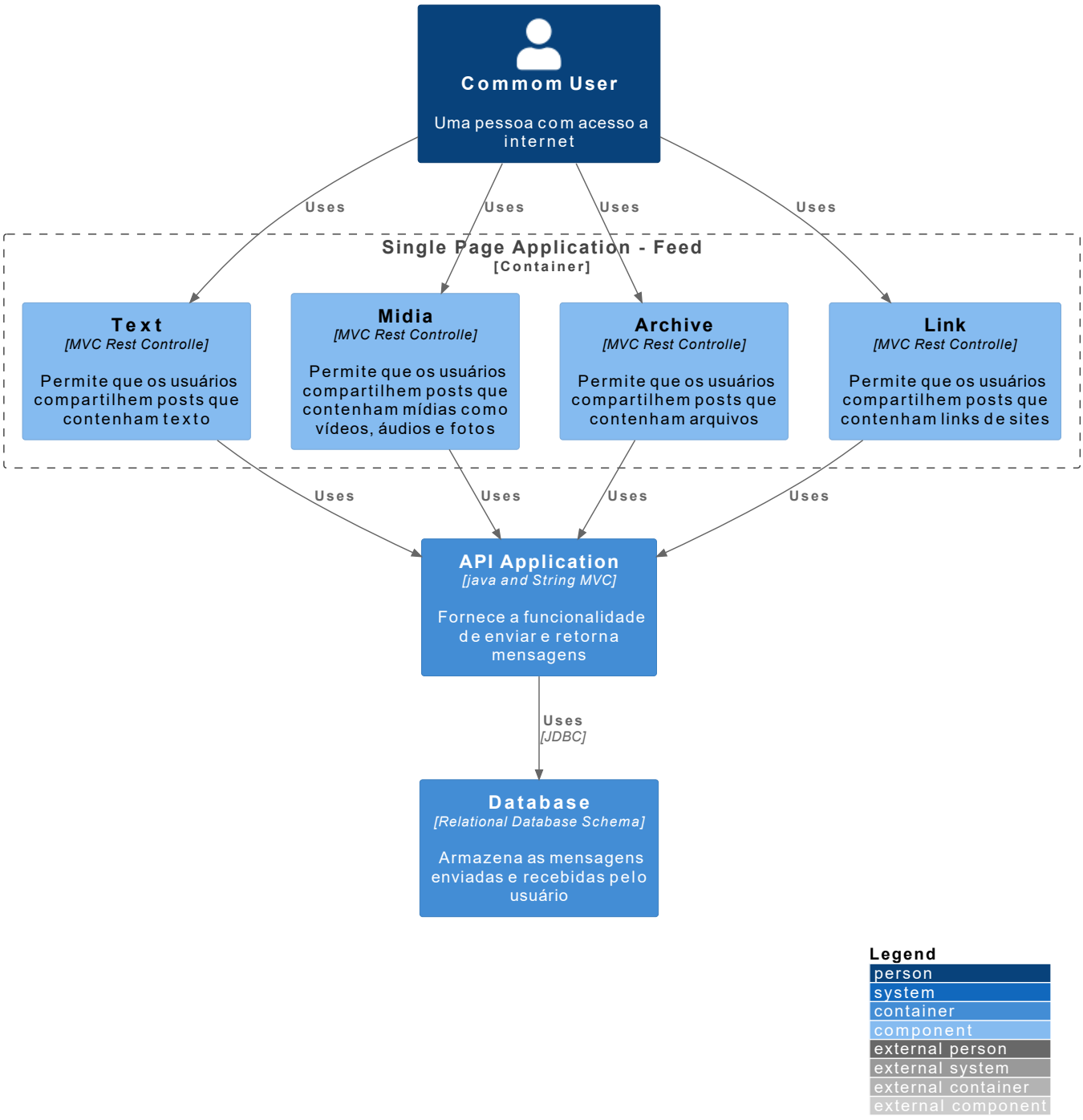
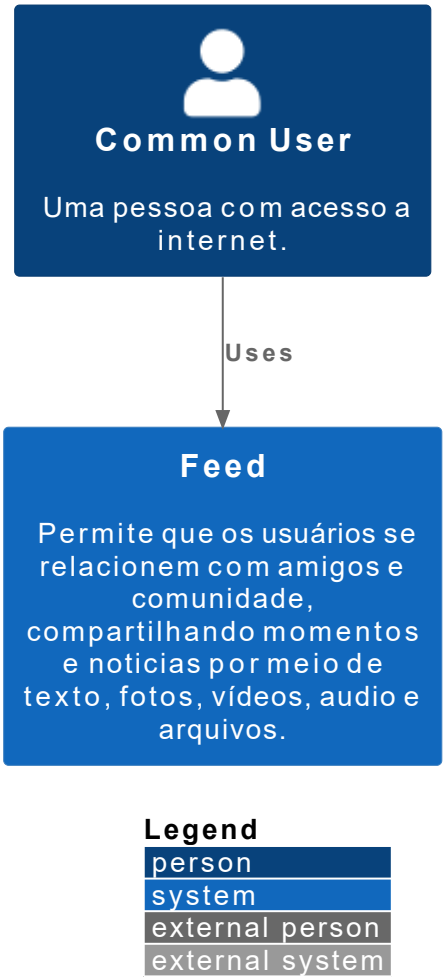
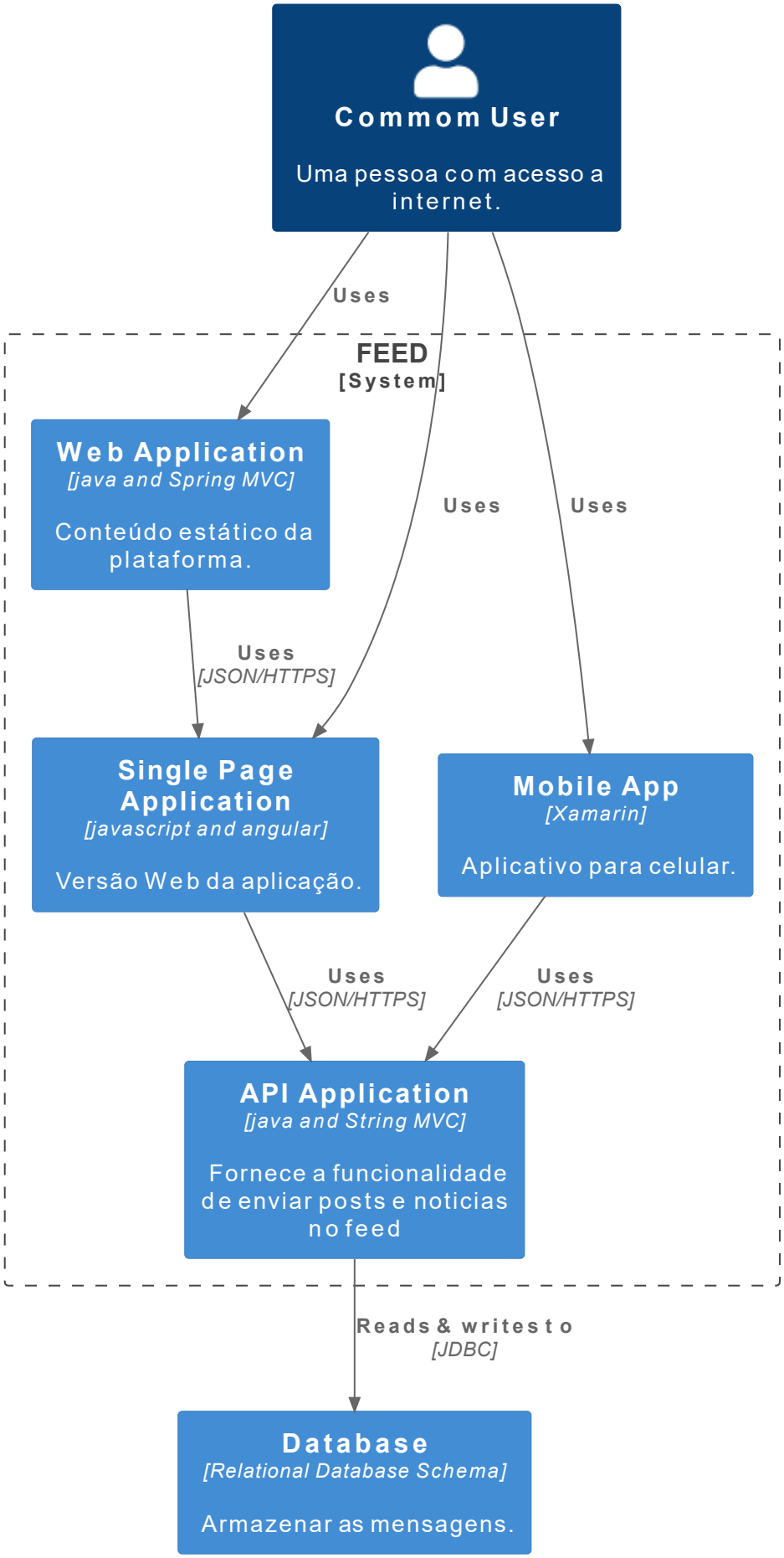
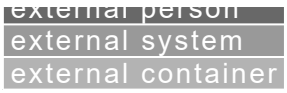

Commom User
Uma pessoa com acesso a internet
Uses
Uses
Uses
Uses
Single Page Application - Feed
[Container]
Text
[MVC Rest Controlle]
Permite que os usuários compartilhem posts que contenham texto
Midia
[MVC Rest Controlle]
Permite que os usuários compartilhem posts que contenham mídias como vídeos, áudios e fotos
Archive
[MVC Rest Controlle]
Permite que os usuários compartilhem posts que contenham arquivos
Link
[MVC Rest Controlle]
Permite que os usuários compartilhem posts que contenham links de sites
Uses
Uses
Uses
Uses
API Application
[java and String MVC]
Fornece a funcionalidade de enviar e retorna mensagens
Uses
[JDBC]
Database
[Relational Database Schema]
Armazena as mensagens enviadas e recebidas pelo usuário
Legend
person
system
container
component
external person
external system
external container
external component


Common User
Uma pessoa com acesso a internet.
Uses
Feed
Permite que os usuários se relacionem com amigos e comunidade, compartilhando momentos e noticias por meio de texto, fotos, vídeos, audio e arquivos.
Legend
person
system
external person
external system


Commom User
Uma pessoa com acesso a internet.
Uses
FEED
[System]
Web Application
[java and Spring MVC]
Conteúdo estático da plataforma.
Uses
Uses
Uses
[JSON/HTTPS]
Single Page Application
[javascript and angular]
Versão Web da aplicação.
Mobile App
[Xamarin]
Aplicativo para celular.
Uses
[JSON/HTTPS]
Uses
[JSON/HTTPS]
API Application
[java and String MVC]
Fornece a funcionalidade de enviar posts e noticias no feed
Reads & writes to
[JDBC]
Database
[Relational Database Schema]
Armazenar as mensagens.
Legend
person
system
container


external person
external system
external container