Company Manager
[Person]

A person assigned to manage a company's supply chain presence.

Declares supply chain incidents and views supply chain map using

Supply Chain Management System
[Software System]

Web Application
[Container: JavaScript and Vue.js]
Provides all supply chain management functionality to managers via their web browser.

Makes API calls to
[JSON/HTTPS]

Gateway API
[Container: C#]
Routes traffic to the application's microservices.

Makes API calls to
[JSON/HTTPS]

User Service
[Container: C#]
Creates and updates users stored in the system.

Organization Service
[Container: C#]
Creates and updates organizations stored in the system.

Incident Service
[Container: C#]
Creates and updates incidents at specific points in the supply chain a links them to affected organization

Reads from and writes to
[PartiQL]

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Organization Database
[Container: Amazon QLDB]
Immutably stores information about users registered in the system.

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[Container: Amazon QLDB]
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Incident Database
[Container: Amazon QLDB]
Immutably stores information about incidents and the users that declared them.

Warning Service
[Container: C#]
Creates, updates, and manages warnings to organizations as a result of incidents.

Reads from
[PartiQL]

system.

declared them.