[System Context] NPU system
NPU social platform to share creations and rate
other's creations

Fan
[Person]

Shares pictures and descriptions of
creations. Rates other creations.

Create/Login account
Upload creation
Search creations
Score creations

NPU system
[Software System]

Stores creations and allows
Fans to interact with other's creations.
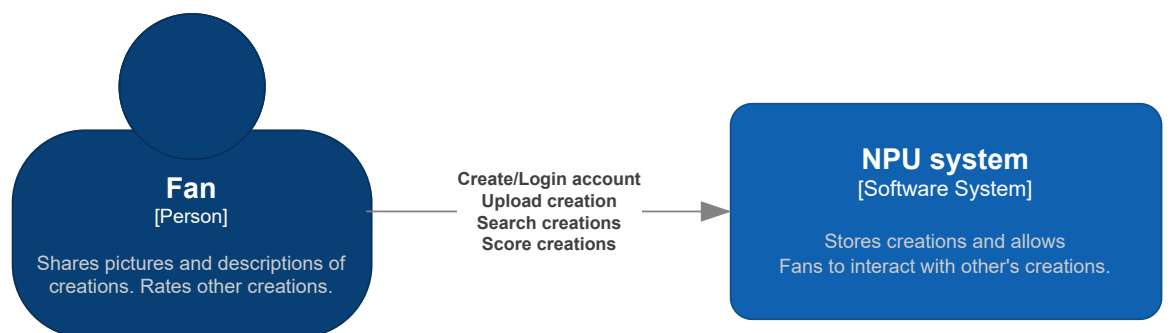
[Containers] NPU System
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Web frontend
[Container: e.g. React]

Provides all functionalities from web browser

Mobile App
[Container:]

Provides all functionalities from mobile app

API call

API call

API
[Container: e.g. AWS gateway,
load balancing ...]

Handles requests from web browser and mobile
app

Makes API calls
[e.g. JSON/HTTP]

NPU Backend API

[Container: Crow, C++]

Description of container role/responsibility.

Database
[Container: e.g. AWS relational DB]

Stores creations and fans data

File Storage
[Container: e.g. Elastic File System,]

Stores creation's pictures

NPU System
[Software System]