[Containers] 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

Create/Login account
Upload creation
Search creations
Score creations

Mobile App
[Container:]

Provides all functionalities from mobile app

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

API
[Container: e.g. AWS
load balancing

Handles requests from web bi
app

Web frontend
[Container: e.g. React]

Provides all functionalities from web browser

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

Database
[Container: e.g. AWS relati

Stores creations and fans

NPU System
[Software System]

s gateway,
g ...]

rowser and mobile

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

Elastic container service
[Container]

NPU Backend API
[Container: Crow, C++]

Core system logic processing. Handles requests
and restrictions.

Reads and writes

ional DB]

s data

Reads and writes

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

Stores creation's pictures