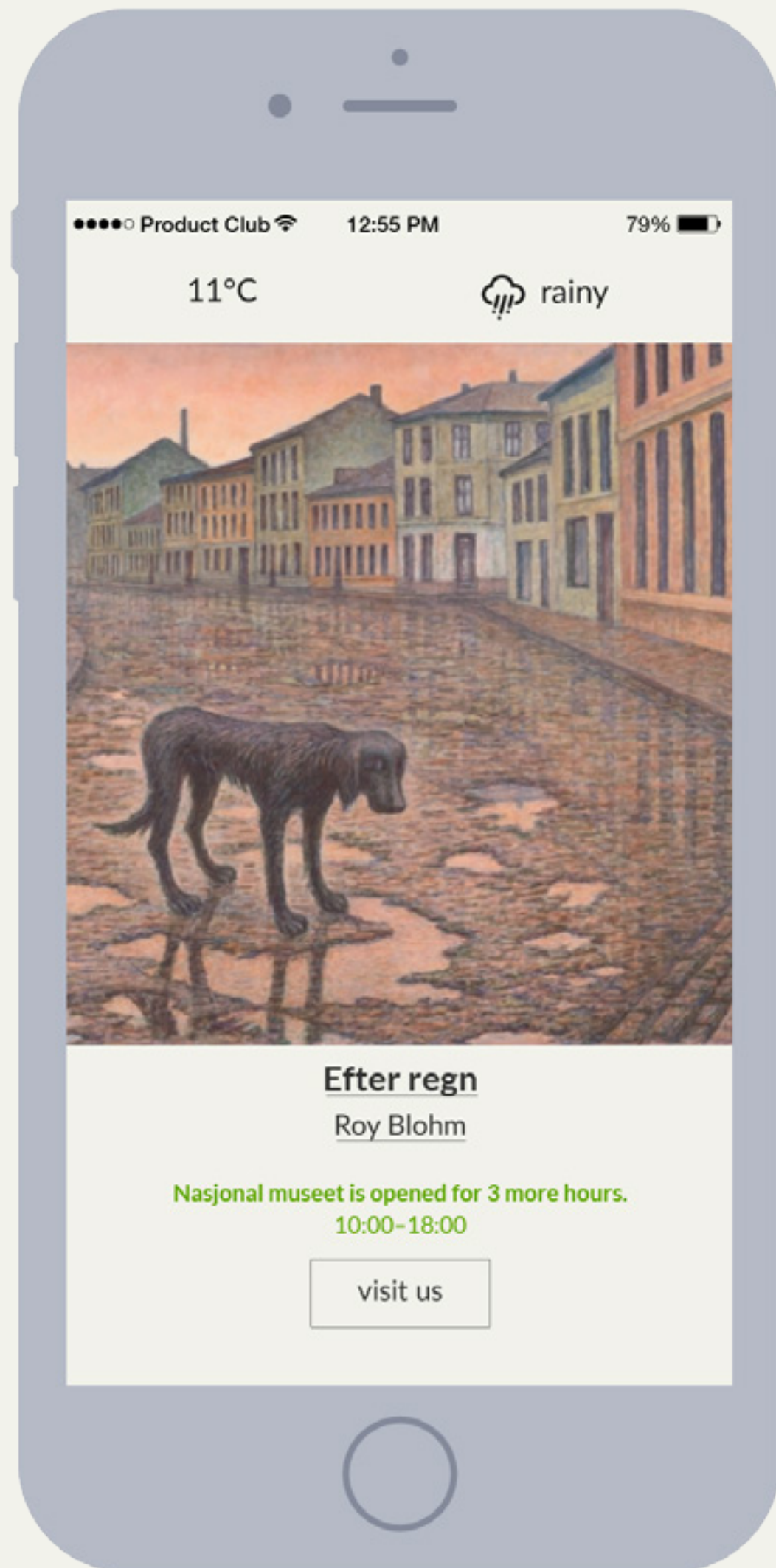




Klima
iOS app

- be useful
- be relatable
- get people into galleries



- be useful

provide weather info

- be relatable

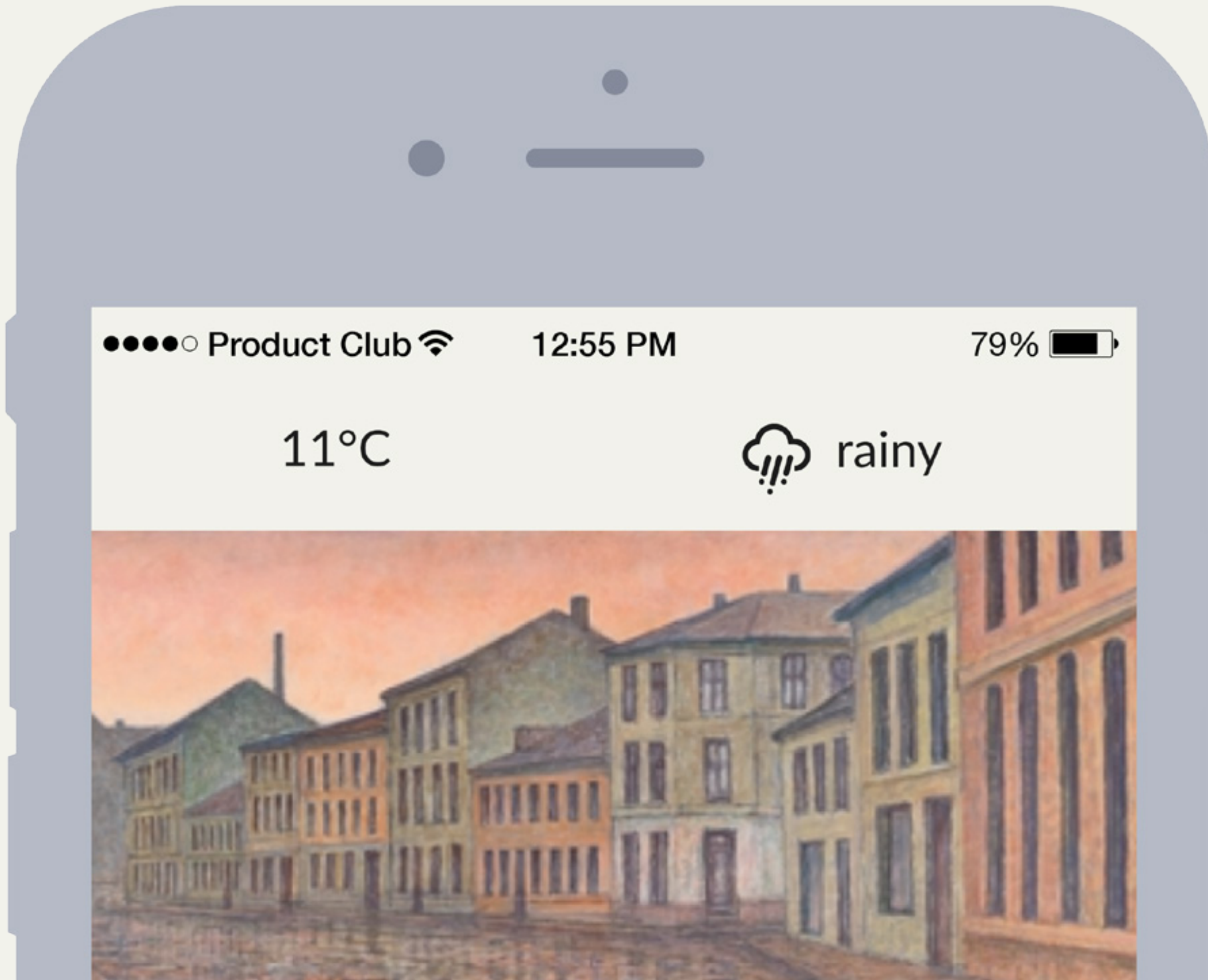
choose art based on
local weather

- get people into galleries

gallery opening times,
website link

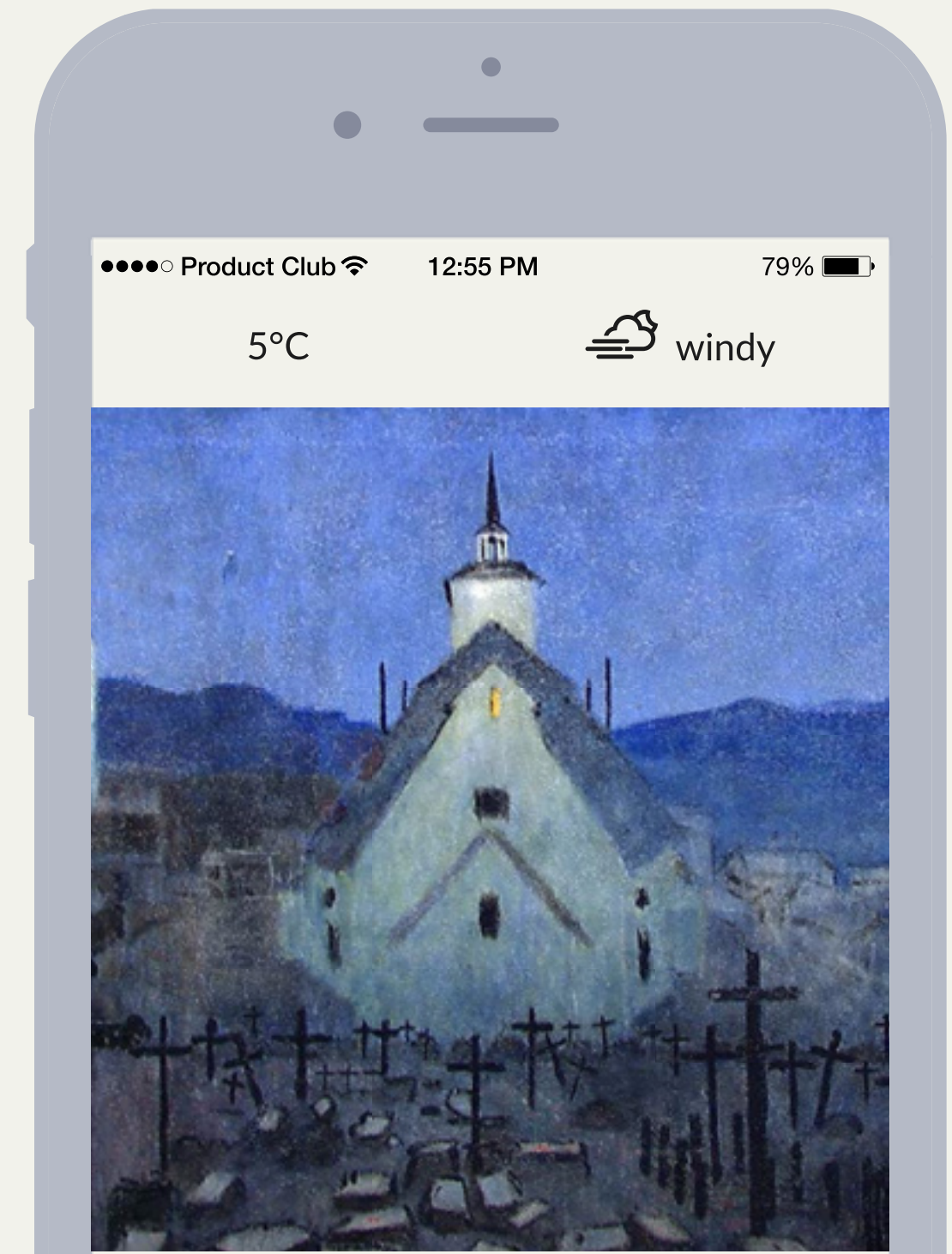
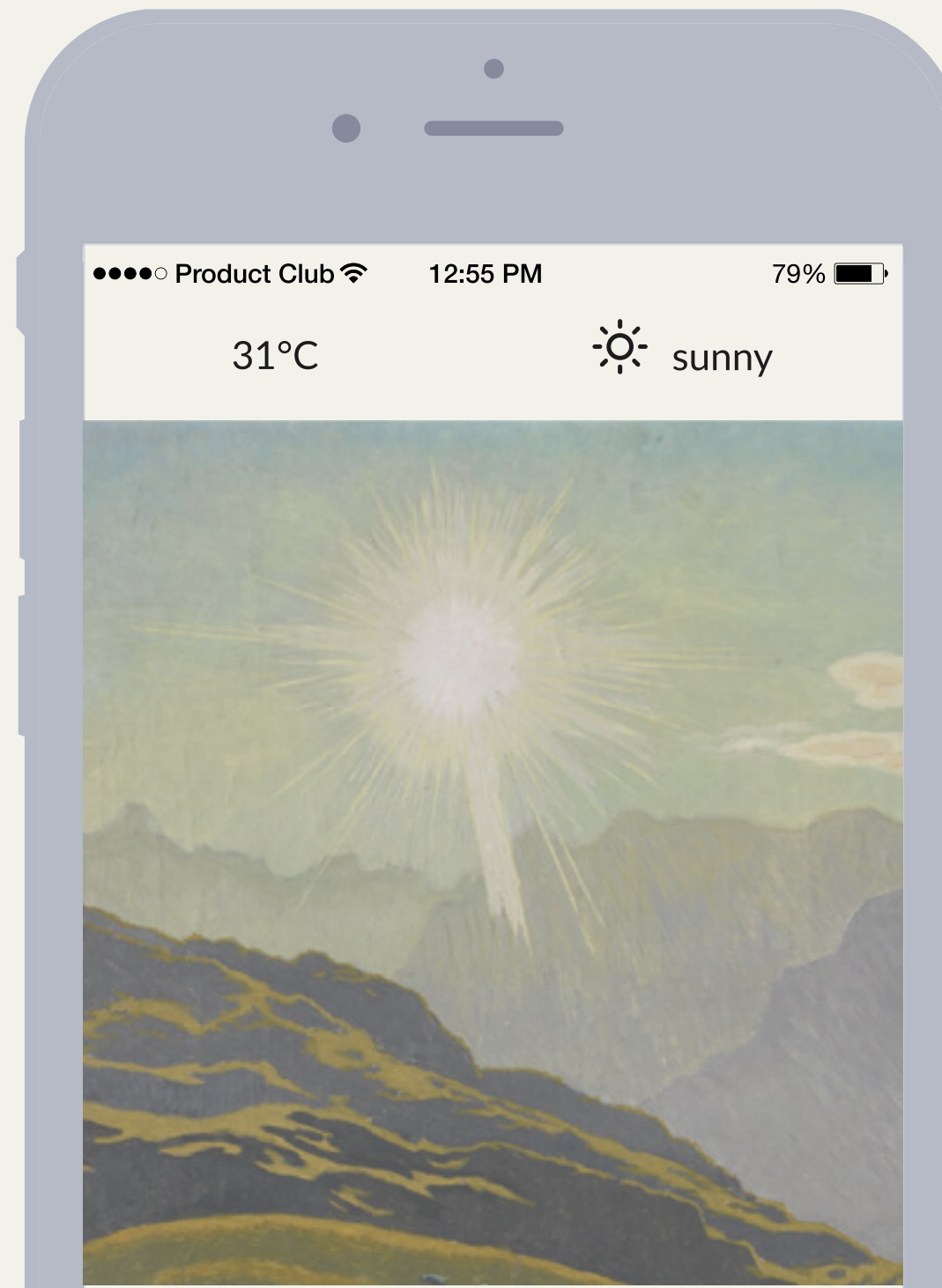
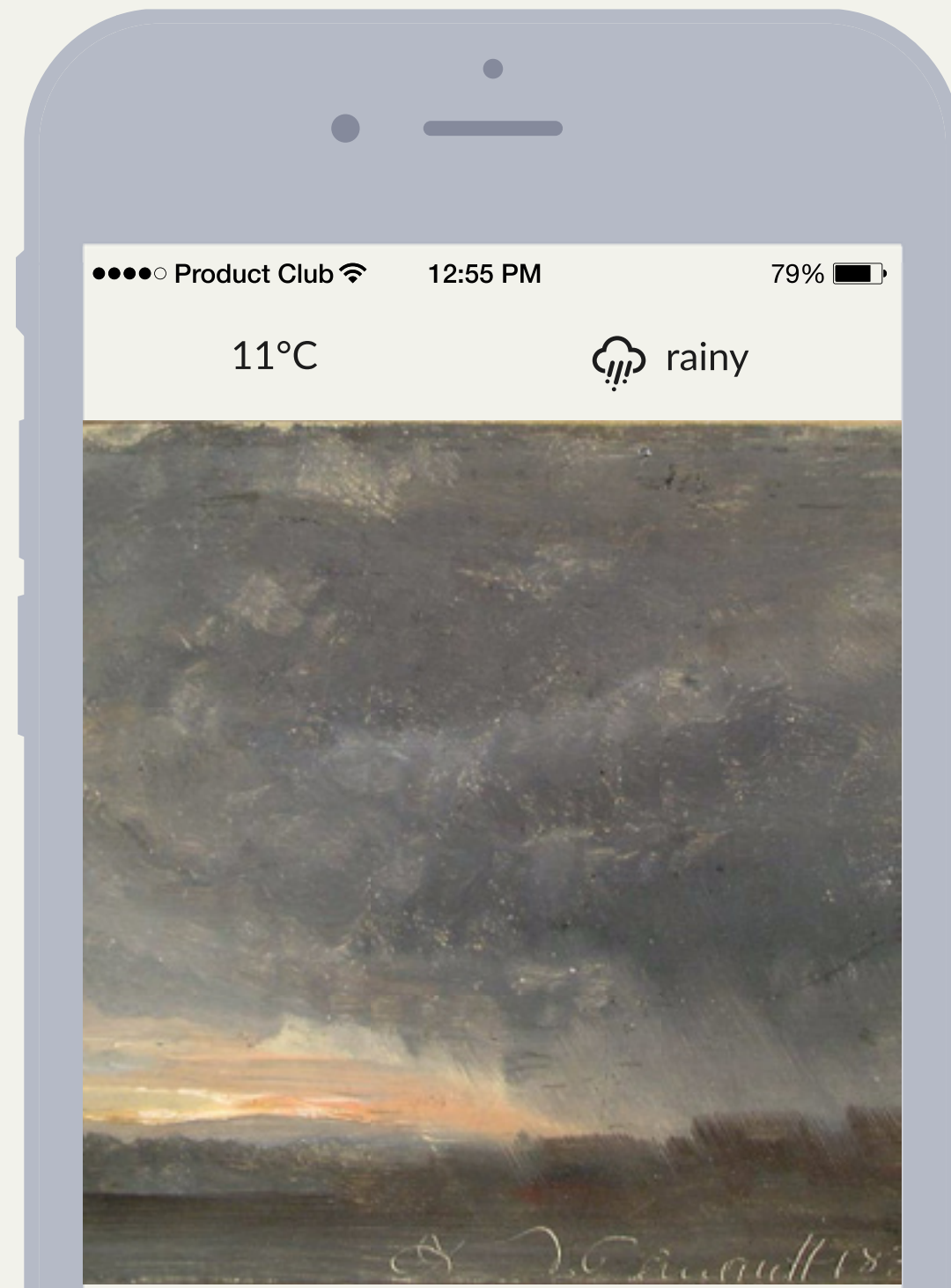


- be useful
provide weather info



- be relatable

choose art based on local weather



- get people into galleries

gallery opening
times, website link



After regn

Roy Blohm

Nasjonal museet is opened for 3 more hours.

10:00–18:00

visit us



Night version



After regn

Roy Blohm

Nasjonal museet is closed now.

We are opening in 3 hours.

10.00–18.00

visit us



Technical side



Architecture:

Spring Boot application

We are using two APIs:

1) OpenWeatherApp - API for retrieving weather information

we get weather condition about the city

2) Nasjonal Museet API - execution of Solr queries

we use the weather condition for searching of art titles which have that weather condition in it

we return that in a JSON body as a list together with weather to the iOS application.



Examples: <http://127.0.0.1:8080/api/search?time=8&city=Bratislava>

```
{
  "weather": {
    "temperature": "11.93",
    "condition": "scattered clouds"
  },
  "museet": [
    {
      "author": "Rian, Johs",
      "title": "Tidlig morgen [Maleri]",
      "link_to_image": "http://dms01.dimu.org/image/0271CYY4X?dimension=600x600",
    },
    {
      "author": "Fearnley, Thomas",
      "title": "Morgen i Aurlandsfjorden [Tegning]",
      "link_to_image": "http://dms01.dimu.org/image/026fZvhFc?dimension=600x600",
    }
  ]
}
```



And now the demo!



Thank you for your time

Eva Lisicanova

Štefan Miklošovič

Aleksey Potapov

Matúš Solčány

