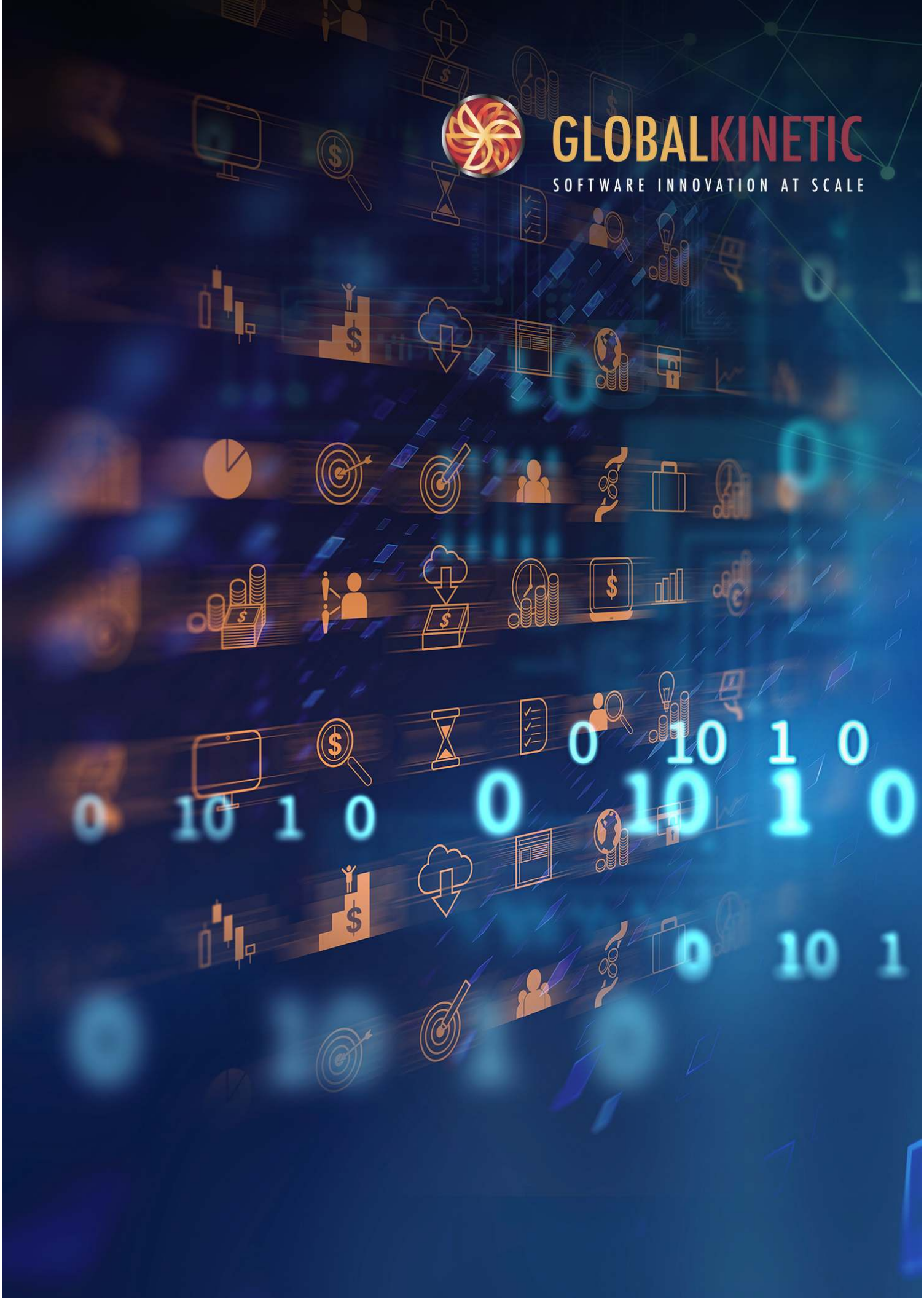
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Android Practical Code Test

Write an application that will show the weather conditions based on the users current GPS location.

Instructions

- Request access to the user's location upon app launch
- Connect to the Weather API and lookup the weather conditions for the current location
- A loader should be shown to the user while they are waiting
- Any location or network errors should be handled and shown to the user
- Follow the design guide attached (*weather_app_style_guide.pdf*) and display information as indicated:
  - Assets should be downloaded from the OpenWeather website:
    - https://openweathermap.org/weather-conditions
  - Please note that the graphs are not a requirement for this assessment

Technical Requirements

- Use android API 24 up to the latest official release
- Preferred language is Kotlin, but Java will be allowed
- Use git for version control and send us a link to your repository when submitting your test
- Write the assessment using best practices

Weather API

http://openweathermap.org/

API Key: 53f9d8e4213222cf517d86dc406d67fc (or register for your own)

API Call: Geographic API Call(https://openweathermap.org/current#geo)

Example request:

api.openweathermap.org/data/2.5/weather?lat=35&lon=139

Example Response:


```
{
  "coord":{
    "lon":139,
    "lat":35
  },
  "sys":{
    "country":"JP",
    "sunrise":1369769524,
    "sunset":1369821049
  },
  "weather":[
    {
      "id":804,
      "main":"clouds",
      "description":"overcast clouds",
      "icon":"04n"
    }
  ],
  "main":{
    "temp":289.5,
    "humidity":89,
    "pressure":1013,
    "temp_min":287.04,
    "temp_max":292.04
  },
  "wind":{
    "speed":7.31,
    "deg":187.002
  },
  "rain":{
    "3h":0
  },
  "clouds":{
    "all":92
  },
  "dt":1369824698,
  "id":1851632,
  "name":"Shuzenji",
  "cod":200
}
```