YML Configurations for the Social Media Application

Prometheus Configuration

Prometheus.yml

```
# my global config
global:
  scrape_interval:     15s # Set the scrape interval to every 15 seconds.
Default is every 1 minute.
  evaluation_interval: 15s # Evaluate rules every 15 seconds. The default
is every 1 minute.
  # scrape_timeout is set to the global default (10s).

# Load rules once and periodically evaluate them according to the global
'evaluation_interval'.
rule_files:
  # - "first_rules.yml"
  # - "second_rules.yml"

# A scrape configuration containing exactly one endpoint to scrape:
# Here it's Prometheus itself.
scrape_configs:
  # The job name is added as a label `job=<job_name>` to any timeseries
scraped from this config.
  - job_name: 'prometheus'
    # metrics_path defaults to '/metrics'
    # scheme defaults to 'http'.
    scrape_interval: 5s
    static_configs:
      - targets: ['127.0.0.1:9090']

  - job_name: 'my-spring-actuator'
    metrics_path: '/actuator/prometheus'
    scrape_interval: 2s
    static_configs:
      - targets: ['192.168.0.110:8081']
        labels:
          application: "Ninjas Social Media Application"
```

Grafana Configuration

datasources.yml

```
apiVersion: 1
datasources:
  - name: Prometheus
    type: prometheus
    access: proxy
    url: http://prometheus:9090
    isDefault: true
```

Docker Configuration

docker-compose.yml

```
version: '3.7'

services:
  prometheus:
    image: prom/prometheus:v2.35.0
    container_name: prometheus
    volumes:
      - ./prometheus/prometheus.yml:/etc/prometheus/prometheus.yml
    ports:
      - 9090:9090

  grafana:
    image: grafana/grafana:9.5.2
    container_name: grafana
    ports:
      - 3000:3000
    restart: unless-stopped
    volumes:
      - ./grafana/provisioning/datasources:/etc/grafana/provisioning/datasources
```