

```
apiVersion: v1
kind: List
items:
- apiVersion: apps/v1
  kind: Deployment
  metadata:
    name: api-gateway
    labels:
      app: api-gateway
      project: gift-service
      tier: backend
  spec:
    replicas: 1 # From source_8
    selector:
      matchLabels:
        app: api-gateway
    template:
      metadata:
        labels:
          app: api-gateway
          project: gift-service
          tier: backend
      spec:
        containers:
          - name: api-gateway
            image: sk124590/api-gateway:2.1 # From source_8
            ports:
              - containerPort: 8080 # From source_8
            env:
              - name: SERVICE_USER_URI
                valueFrom:
                  configMapKeyRef:
                    name: gift-config
                    key: SERVICE_USER_URI
              - name: SERVICE_PRODUCT_URI
                valueFrom:
                  configMapKeyRef:
                    name: gift-config
                    key: SERVICE_PRODUCT_URI
              - name: SERVICE_WISH_URI
                valueFrom:
                  configMapKeyRef:
                    name: gift-config
                    key: SERVICE_WISH_URI
              - name: SERVICE_ORDER_URI
                valueFrom:
                  configMapKeyRef:
                    name: gift-config
                    key: SERVICE_ORDER_URI
              - name: JWT_SECRET
                valueFrom:
                  secretKeyRef:
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```
        name: gift-secret
        key: JWT_SECRET
    resources:
        requests:
            cpu: "100m"
            memory: "256Mi"
        limits:
            cpu: "500m"
            memory: "512Mi"

- apiVersion: v1
  kind: Service
  metadata:
    name: api-gateway-svc
    labels:
      app: api-gateway
      project: gift-service
      tier: backend
  spec:
    type: ClusterIP # From source_12
    ports:
      - port: 8080
        targetPort: 8080
    selector:
      app: api-gateway

- apiVersion: apps/v1
  kind: Deployment
  metadata:
    name: user-service
    labels:
      app: user-service
      project: gift-service
      tier: backend
  spec:
    replicas: 1 # From source_5
    selector:
      matchLabels:
        app: user-service
    template:
      metadata:
        labels:
          app: user-service
          project: gift-service
          tier: backend
      spec:
        containers:
          - name: user-service
            image: sk124590/user-service:2.1 # From source_5
            ports:
              - containerPort: 8084 # From source_5
            env:
              - name: JWT_SECRET
                valueFrom:
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      secretKeyRef:
        name: gift-secret
        key: JWT_SECRET
    - name: KAKAO_CLIENT_ID
      valueFrom:
        secretKeyRef:
          name: gift-secret
          key: KAKAO_CLIENT_ID
    - name: KAKAO_CLIENT_SECRET
      valueFrom:
        secretKeyRef:
          name: gift-secret
          key: KAKAO_CLIENT_SECRET
    - name: KAKAO_REDIRECT_URI
      valueFrom:
        configMapKeyRef:
          name: gift-config
          key: KAKAO_REDIRECT_URI
  resources:
    requests:
      cpu: "100m"
      memory: "512Mi"
    limits:
      cpu: "500m"
      memory: "1Gi"

- apiVersion: v1
  kind: Service
  metadata:
    name: user-service-svc
  labels:
    app: user-service
    project: gift-service
    tier: backend
  spec:
    type: ClusterIP # From source_12
    ports:
      - port: 8084
        targetPort: 8084
    selector:
      app: user-service

- apiVersion: apps/v1
  kind: Deployment
  metadata:
    name: product-service
  labels:
    app: product-service
    project: gift-service
    tier: backend
  spec:
    replicas: 1 # From source_7
    selector:
      matchLabels:

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```

    app: product-service
  template:
    metadata:
      labels:
        app: product-service
        project: gift-service
        tier: backend
    spec:
      containers:
        - name: product-service
          image: sk124590/product-service:2.1 # From source_7
          ports:
            - containerPort: 8081 # From source_7
          resources:
            requests:
              cpu: "150m"
              memory: "512Mi"
            limits:
              cpu: "1000m"
              memory: "1Gi"

- apiVersion: v1
  kind: Service
  metadata:
    name: product-service-svc
    labels:
      app: product-service
      project: gift-service
      tier: backend
  spec:
    type: ClusterIP # From source_12
    ports:
      - port: 8081
        targetPort: 8081
    selector:
      app: product-service

- apiVersion: apps/v1
  kind: Deployment
  metadata:
    name: wish-service
    labels:
      app: wish-service
      project: gift-service
      tier: backend
  spec:
    replicas: 1 # From source_9
    selector:
      matchLabels:
        app: wish-service
    template:
      metadata:
        labels:
          app: wish-service

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    project: gift-service
    tier: backend
  spec:
    containers:
      - name: wish-service
        image: sk124590/wish-service:2.1 # From source_9
        ports:
          - containerPort: 8082 # From source_9
        env:
          - name: SERVICE_PRODUCT_URI
            valueFrom:
              configMapKeyRef:
                name: gift-config
                key: SERVICE_PRODUCT_URI
        resources:
          requests:
            cpu: "100m"
            memory: "512Mi"
          limits:
            cpu: "700m"
            memory: "1Gi"

- apiVersion: v1
  kind: Service
  metadata:
    name: wish-service-svc
    labels:
      app: wish-service
      project: gift-service
      tier: backend
  spec:
    type: ClusterIP # From source_12
    ports:
      - port: 8082
        targetPort: 8082
    selector:
      app: wish-service

- apiVersion: apps/v1
  kind: Deployment
  metadata:
    name: order-service
    labels:
      app: order-service
      project: gift-service
      tier: backend
  spec:
    replicas: 1 # From source_10
    selector:
      matchLabels:
        app: order-service
    template:
      metadata:
        labels:

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```
    app: order-service
    project: gift-service
    tier: backend
spec:
  containers:
    - name: order-service
      image: sk124590/order-service:2.1 # From source_10
      ports:
        - containerPort: 8083 # From source_10
      env:
        - name: SERVICE_PRODUCT_URI
          valueFrom:
            configMapKeyRef:
              name: gift-config
              key: SERVICE_PRODUCT_URI
        - name: SERVICE_WISH_URI
          valueFrom:
            configMapKeyRef:
              name: gift-config
              key: SERVICE_WISH_URI
        - name: SERVICE_USER_URI
          valueFrom:
            configMapKeyRef:
              name: gift-config
              key: SERVICE_USER_URI
        - name: FRONT_DOMAIN
          valueFrom:
            configMapKeyRef:
              name: gift-config
              key: FRONT_DOMAIN
        - name: KAKAO_CLIENT_ID
          valueFrom:
            secretKeyRef:
              name: gift-secret
              key: KAKAO_CLIENT_ID
        - name: KAKAO_CLIENT_SECRET
          valueFrom:
            secretKeyRef:
              name: gift-secret
              key: KAKAO_CLIENT_SECRET
      resources:
        requests:
          cpu: "100m"
          memory: "512Mi"
        limits:
          cpu: "700m"
          memory: "1Gi"

- apiVersion: v1
  kind: Service
  metadata:
    name: order-service-svc
  labels:
    app: order-service
```

```
    project: gift-service
    tier: backend
spec:
  type: ClusterIP # From source_12
  ports:
    - port: 8083
      targetPort: 8083
  selector:
    app: order-service

- apiVersion: apps/v1
  kind: Deployment
  metadata:
    name: gift-app
    labels:
      app: gift-app
      project: gift-service
      tier: frontend
  spec:
    replicas: 1 # From source_2
    selector:
      matchLabels:
        app: gift-app
    template:
      metadata:
        labels:
          app: gift-app
          project: gift-service
          tier: frontend
      spec:
        containers:
          - name: gift-app
            image: sk124590/gift-app:2.1 # From source_2
            ports:
              - containerPort: 8085 # From source_2
            env:
              - name: API_GATEWAY_URI
                valueFrom:
                  configMapKeyRef:
                    name: gift-config
                    key: API_GATEWAY_URI
              - name: KAKAO_REDIRECT_URI
                valueFrom:
                  configMapKeyRef:
                    name: gift-config
                    key: KAKAO_REDIRECT_URI
              - name: JWT_SECRET
                valueFrom:
                  secretKeyRef:
                    name: gift-secret
                    key: JWT_SECRET
        resources:
          requests:
            cpu: "150m"
```

```

        memory: "512Mi"
      limits:
        cpu: "1000m"
        memory: "1Gi"

- apiVersion: v1
  kind: Service
  metadata:
    name: gift-app-svc
    labels:
      app: gift-app
      project: gift-service
      tier: frontend
  spec:
    type: LoadBalancer # From source_12
    ports:
      - port: 8080
        targetPort: 8085
    selector:
      app: gift-app

- apiVersion: v1
  kind: ConfigMap
  metadata:
    name: gift-config
    labels:
      project: gift-service
  data:
    API_GATEWAY_URI: http://api-gateway-svc:8080
    KAKAO_REDIRECT_URI: http://localhost:8080/members/login/oauth2/code/kakao
    SERVICE_PRODUCT_URI: http://product-service-svc:8081
    SERVICE_WISH_URI: http://wish-service-svc:8082
    SERVICE_USER_URI: http://user-service-svc:8084
    SERVICE_ORDER_URI: http://order-service-svc:8083
    FRONT_DOMAIN: http://localhost:8080

- apiVersion: v1
  kind: Secret
  metadata:
    name: gift-secret
    labels:
      project: gift-service
  type: Opaque
  data:
    JWT_SECRET: WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1DdmInUWdnYUV5cGE1RT0=
    KAKAO_CLIENT_ID: YWMyMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM=
    KAKAO_CLIENT_SECRET: RnczSmIMNVBrcGV2WFZaOU9pVk04YmZiZ0hVUEQ1RUE=

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YAML 위치와 내용	참조된 Source	비고
api-gateway.Deployment.spec.replicas = 1	source_8	replicas 값 참조
api-gateway.Deployment.spec.template.spec.containers[0].image = sk124590/api-gateway:2.1	source_8	컨테이너 이미지 참조
api-gateway.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8080	source_8	컨테이너 포트 참조
api-gateway.Service.spec.type = ClusterIP	source_12	Service 타입 값 참조
user-service.Deployment.spec.replicas = 1	source_5	replicas 값 참조
user-service.Deployment.spec.template.spec.containers[0].image = sk124590/user-service:2.1	source_5	컨테이너 이미지 참조
user-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8084	source_5	컨테이너 포트 참조
user-service.Service.spec.type = ClusterIP	source_12	Service 타입 값 참조
product-service.Deployment.spec.replicas = 1	source_7	replicas 값 참조
product-service.Deployment.spec.template.spec.containers[0].image = sk124590/product-service:2.1	source_7	컨테이너 이미지 참조
product-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8081	source_7	컨테이너 포트 참조
product-service.Service.spec.type = ClusterIP	source_12	Service 타입 값 참조
wish-service.Deployment.spec.replicas = 1	source_9	replicas 값 참조
wish-service.Deployment.spec.template.spec.containers[0].image = sk124590/wish-service:2.1	source_9	컨테이너 이미지 참조
wish-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8082	source_9	컨테이너 포트 참조
wish-service.Service.spec.type = ClusterIP	source_12	Service 타입 값 참조

YAML 위치와 내용	참조된 Source	비고
order-service.Deployment.spec.replicas = 1	source_10	replicas 값 참조
order-service.Deployment.spec.template.spec.containers[0].image = sk124590/order-service:2.1	source_10	컨테이너 이미지 참조
order-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8083	source_10	컨테이너 포트 참조
order-service.Service.spec.type = ClusterIP	source_12	Service 타입 값 참조
gift-app.Deployment.spec.replicas = 1	source_2	replicas 값 참조
gift-app.Deployment.spec.template.spec.containers[0].image = sk124590/gift-app:2.1	source_2	컨테이너 이미지 참조
gift-app.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8085	source_2	컨테이너 포트 참조
gift-app.Service.spec.type = LoadBalancer	source_12	Service 타입 값 참조

특징: 배포 성공. but KAKAO_CLIENT_ID와 KAKAO_CLIENT_SECRET 값 이슈로, 카카오 로그인이 안됨. base64로 인코딩해서 넣어줘야 하는데, 이걸 llm이 하는 과정에서 잘못 들어간 것 같음. 명세 문서에 이미 base64로 인코딩된 값을 넣어줘야 할 것 같다. 값은 동일함에도 llm이 base64로 인코딩 하는 과정에서 '\n' 이라는지 이상한 문자가 들어가는 것 같음.