Adding Kubernetes health probes

The main goal of having our microservice report its health, is for orchestrators like Kubernetes to be able to tell what's the health status of our service. And that is something we can do with Kubernetes health probes.

So, let's now add a couple of health probes to our Kubernetes deployment.

In Play.Identity repo

1. Update identity.yaml:

```
…
ports:
  - containerPort: 5002
livenessProbe:
  httpGet:
    path: /health/live
    port: 5002
  initialDelaySeconds: 10
readinessProbe:
  httpGet:
    path: /health/ready
    port: 5002
  initialDelaySeconds: 10
```

2. Bump the container version on README

3. Build and publish new container image

4. Apply the configuration

```
kubectl apply -f .\kubernetes\identity.yaml -n $namespace
```

5. List pods:

```
kubectl get pods -n identity
```

6. List events:

```
kubectl get events -n identity –watch
```

7. Notice the readiness and liveness probe events

In Postman

8. Query the live and ready health endpoints using the public IP

9. Commit and push.

In the next lesson you will generalize the health check configuration so all your microservices can easily configure it.