**Peter Hyland C00274825**

**This lab exercise will give you hands-on experience with Istio's traffic management capabilities. For example, you can demonstrate how the traffic shifting can be used to manage deployments and migrations of service versions in a microservices architecture.**

**For the following four topics, please submit a word or pdf document containing your compiled screenshots for the key steps.**

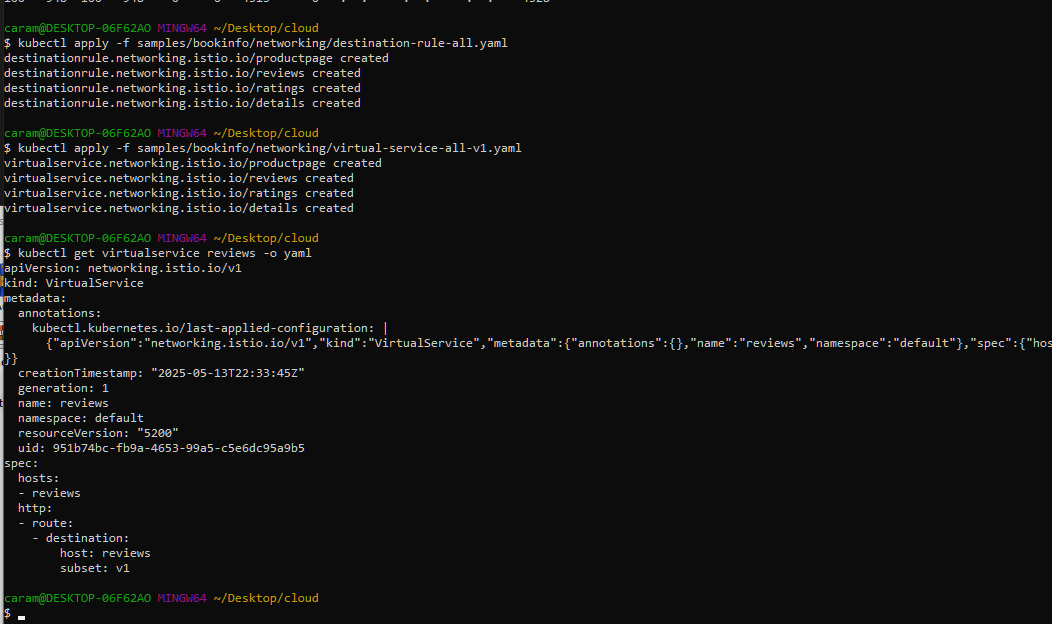
**https://istio.io/latest/docs/tasks/traffic-management/traffic-shifting/**

**https://istio.io/latest/docs/tasks/traffic-management/request-routing/**

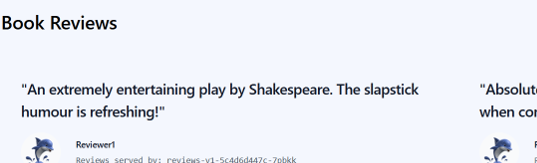
**https://istio.io/latest/docs/tasks/traffic-management/fault-injection/**

**https://istio.io/latest/docs/tasks/traffic-management/circuit-breaking/**

**TrAFFIC SHIFTING**

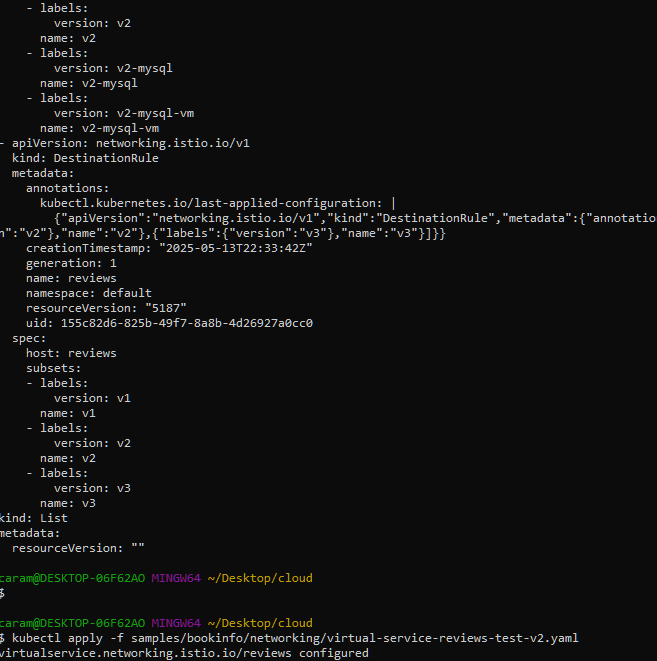
****

**ALL NEEDED FIELS WERE DOWNLOADED – TRAFFCI ALL ROUTER TO V1**

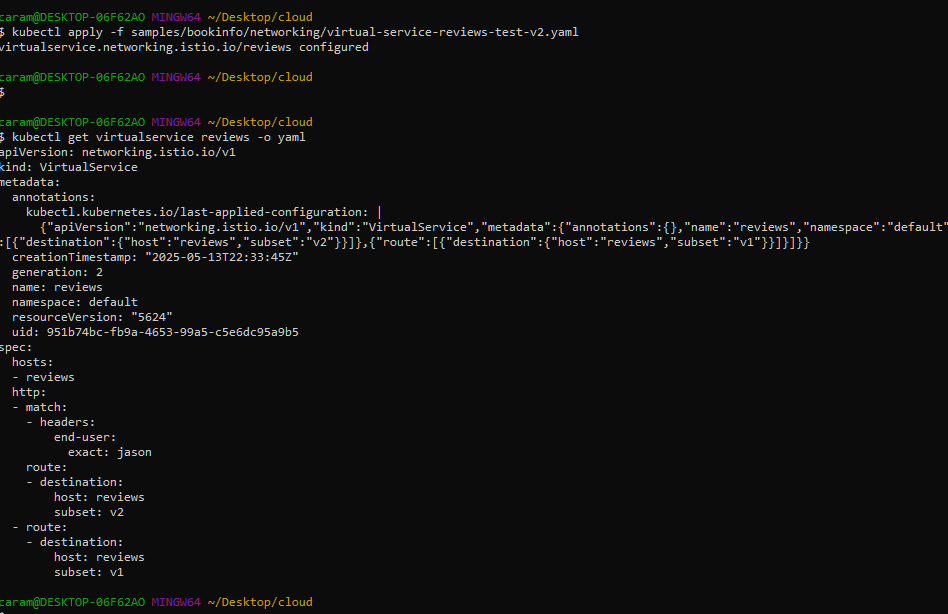
****

**The book review page was when visible, the rukle was verified, 50% of the time the red starts the other time no stars.**

**Request routing**

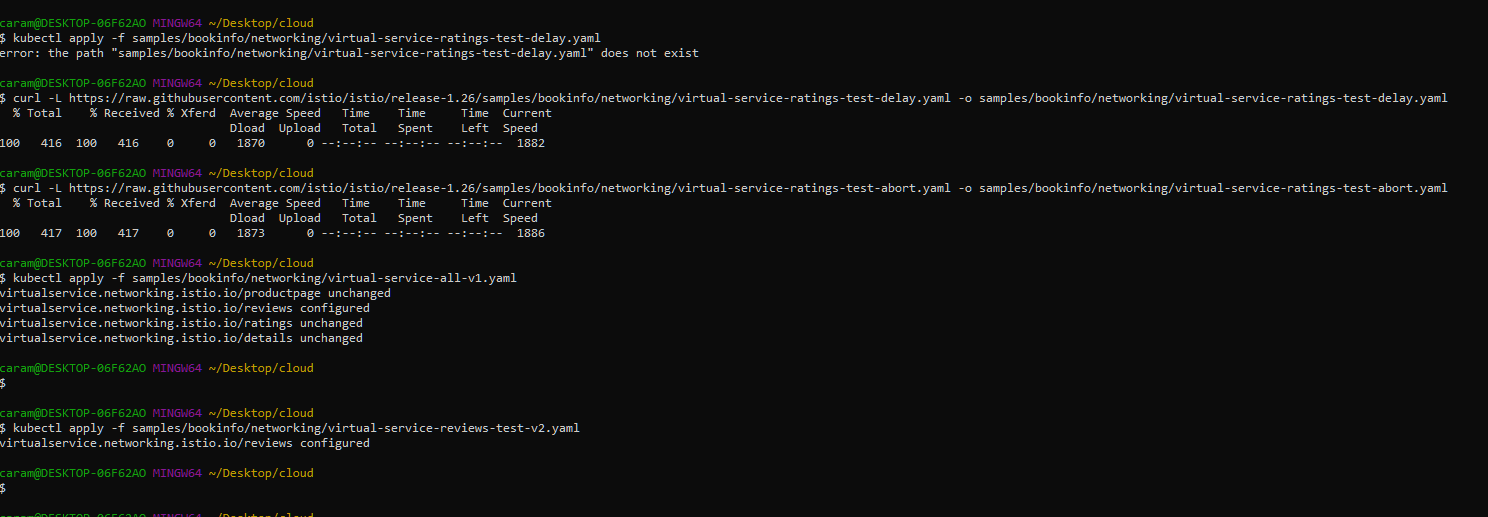
****

**Requested commands were ran including one to enable user based routing**

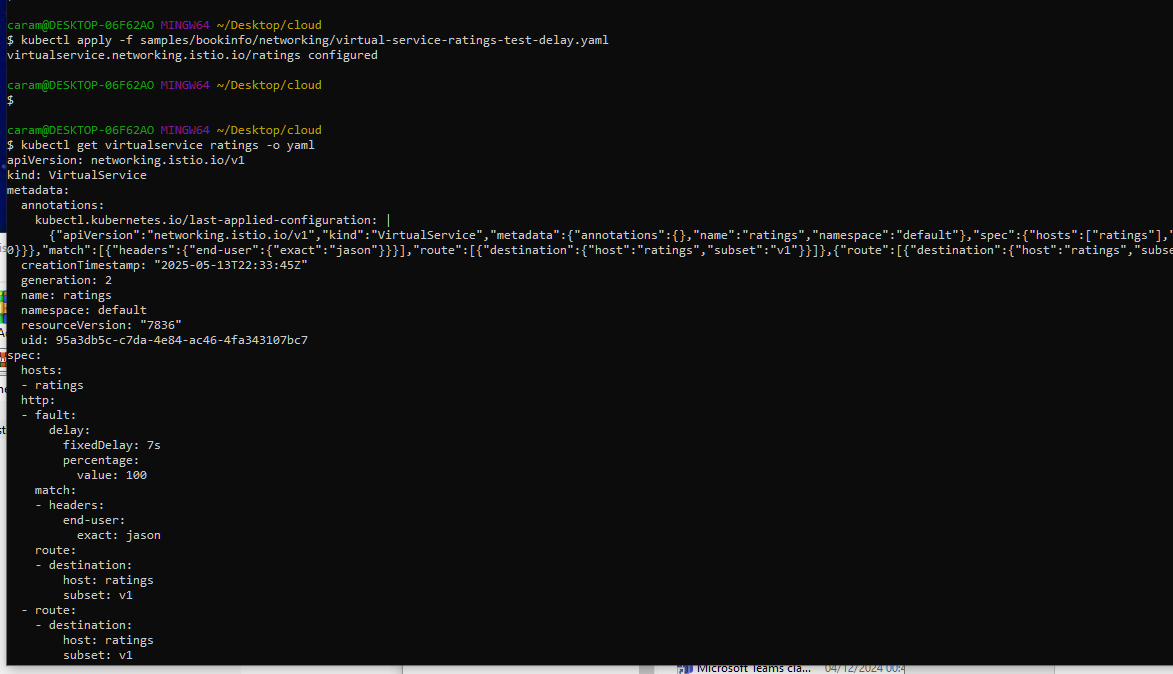
****

**I confirmed the rule was created**

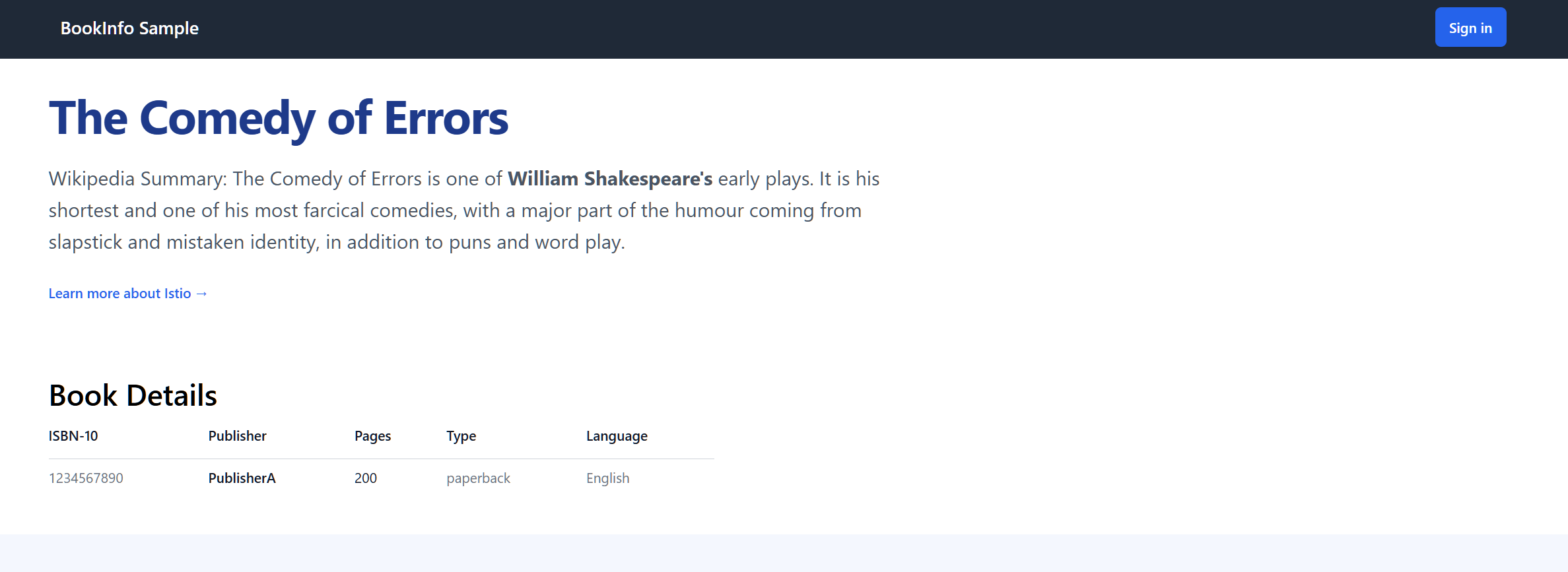
**FAULT Injection**

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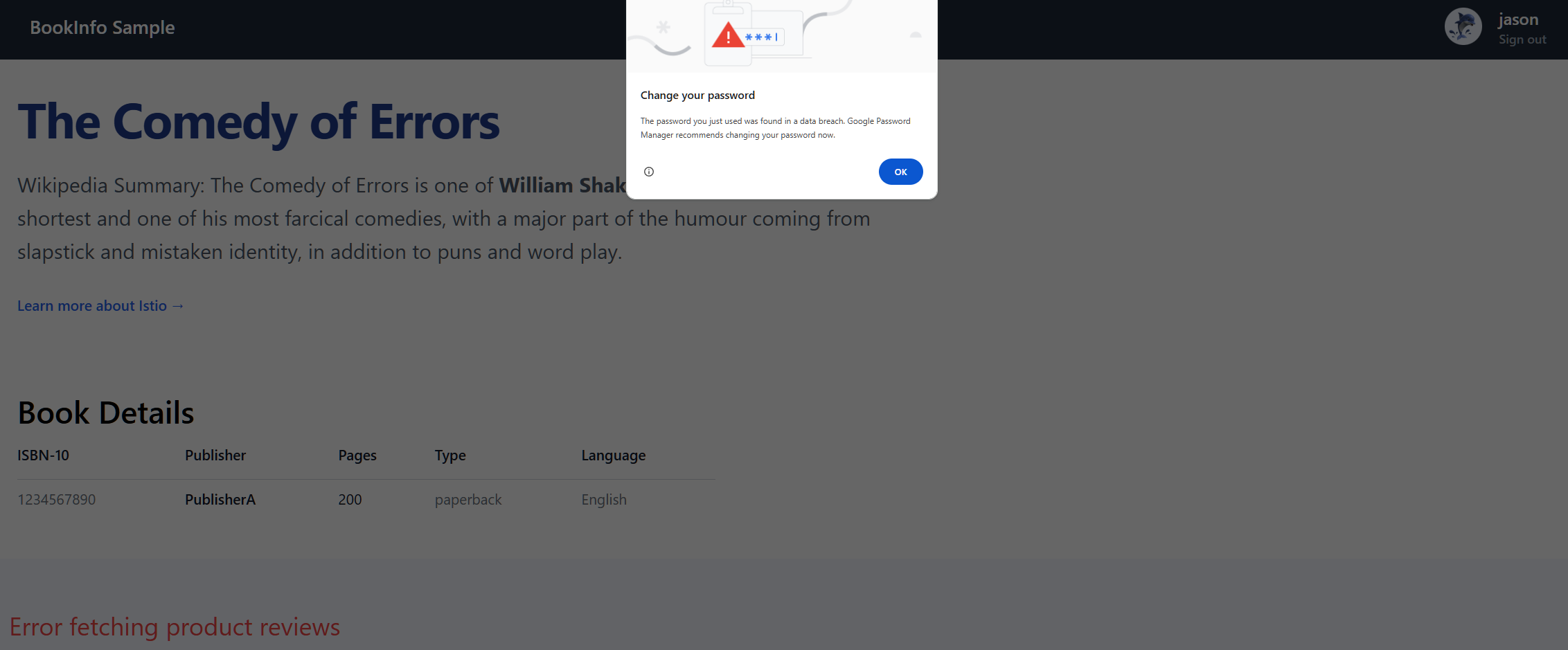
**Downloaded requested files**

****

**Created the rule and verified its running**

****

**Website up and running**

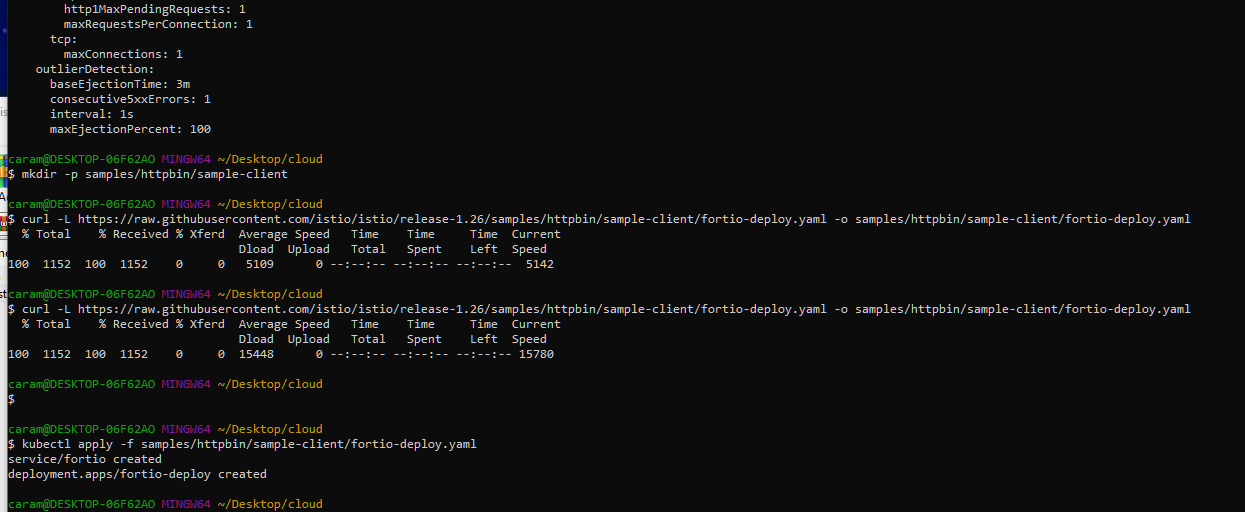
****

**I logged in as Jason and noted the delay when logging in**

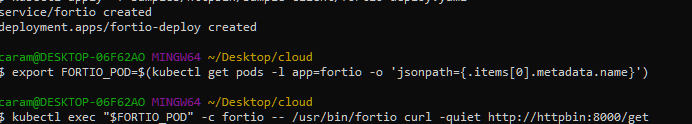
**Circuit breaking**

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**I created the rule and verified it is running**

****

**I deployed fortio**

****

**I vertified its running**

**I tested it and saw in the proxy stats that ti si rworking**