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Advanced Distributed Systems- Exercise 2
Deploying a Microservice-based Web Application on Minikube

Deploy a **web-based application** within a **Minikube environment**, similar to the setup performed in the previous course session.

Your application should meet the following requirements:

- It must consist of **at least three distinct services**, each running in a **separate pod**.
- Use **Ingress** to enable **external access** to the application.
- It is **recommended** (but not mandatory) to configure a **custom domain name** and enable **secure HTTPS connections**.
- While it is advisable to adapt your existing microservices-based application from the prior assignment, you are free to select any alternative application that comprises multiple services.

Deliverables:
Your final submission should include the following components:
1. Your application
2. A detailed PDF document that encompasses step-by-step configuration instructions.
3. All the necessary configuration files for all the pods such as deployment, services, configmaps, secrets, and...