**Choose SAST JuiceShop**

**Tool chosen: Semgrep**.

**Why:**

* fits our setup perfectly and runs smoothly with gitlab CI/CD pipelines
* supports docker and easy to implement in the YAML file no extra steps just add few simple lines
* It uses more than just Regex scan its context aware (Understands code structure and control flow)
* Analyzes **function calls, data flow, branches**
* Its fast and light-weight
* It covers the top 10 OWASP security measures and covers real world analysis
* Its free to use…
* The output can be achieved in many formats