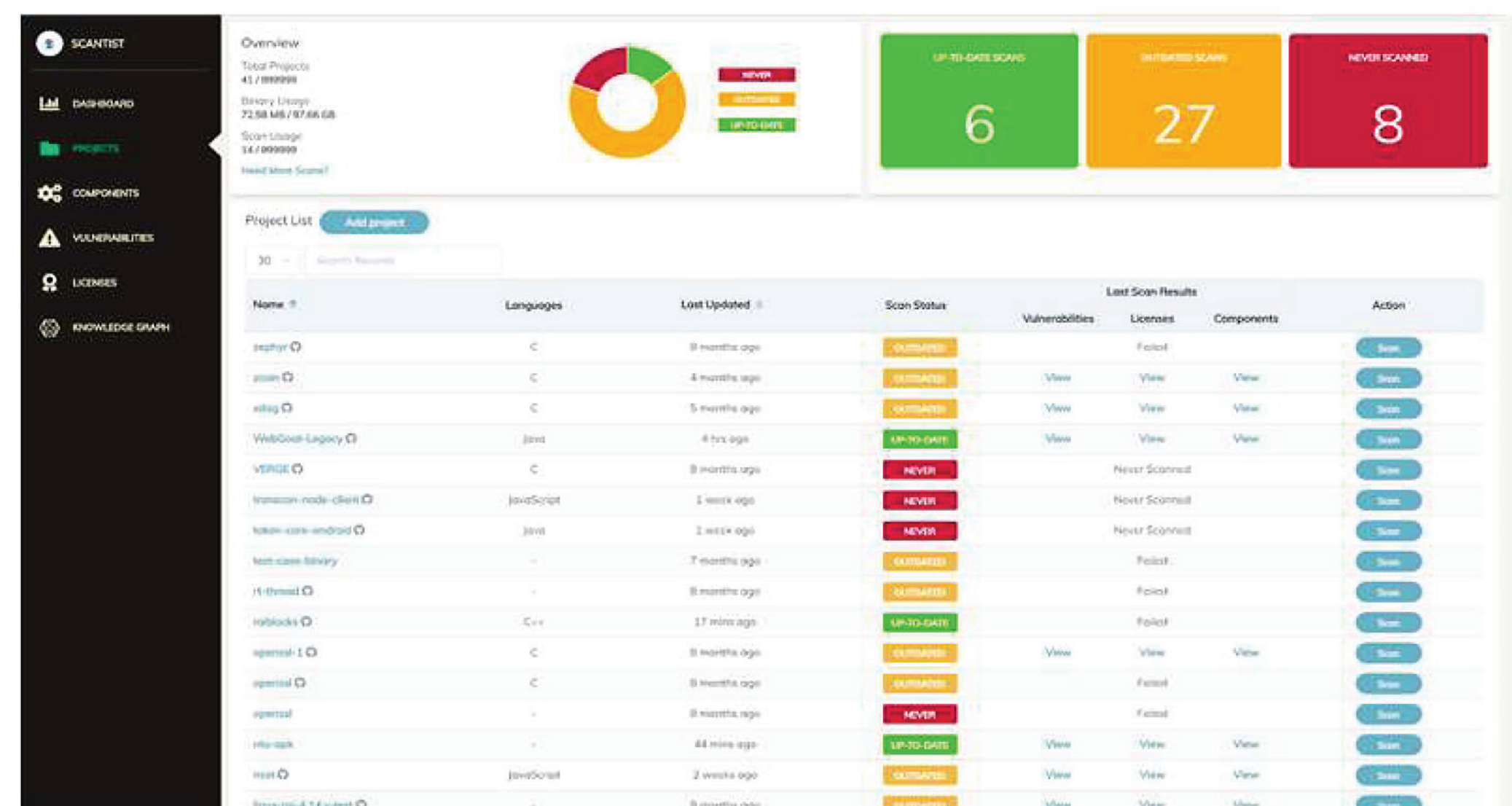
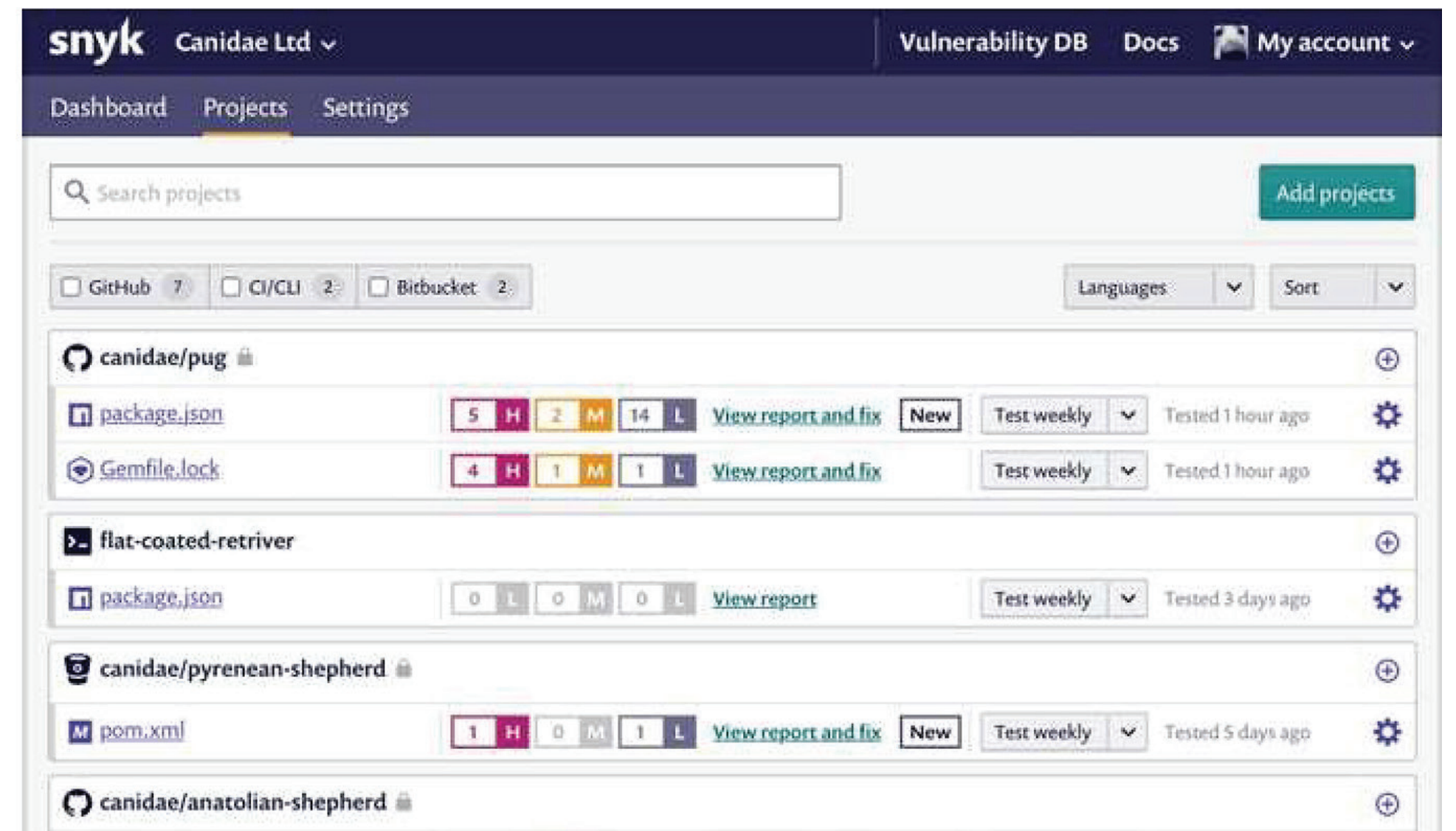
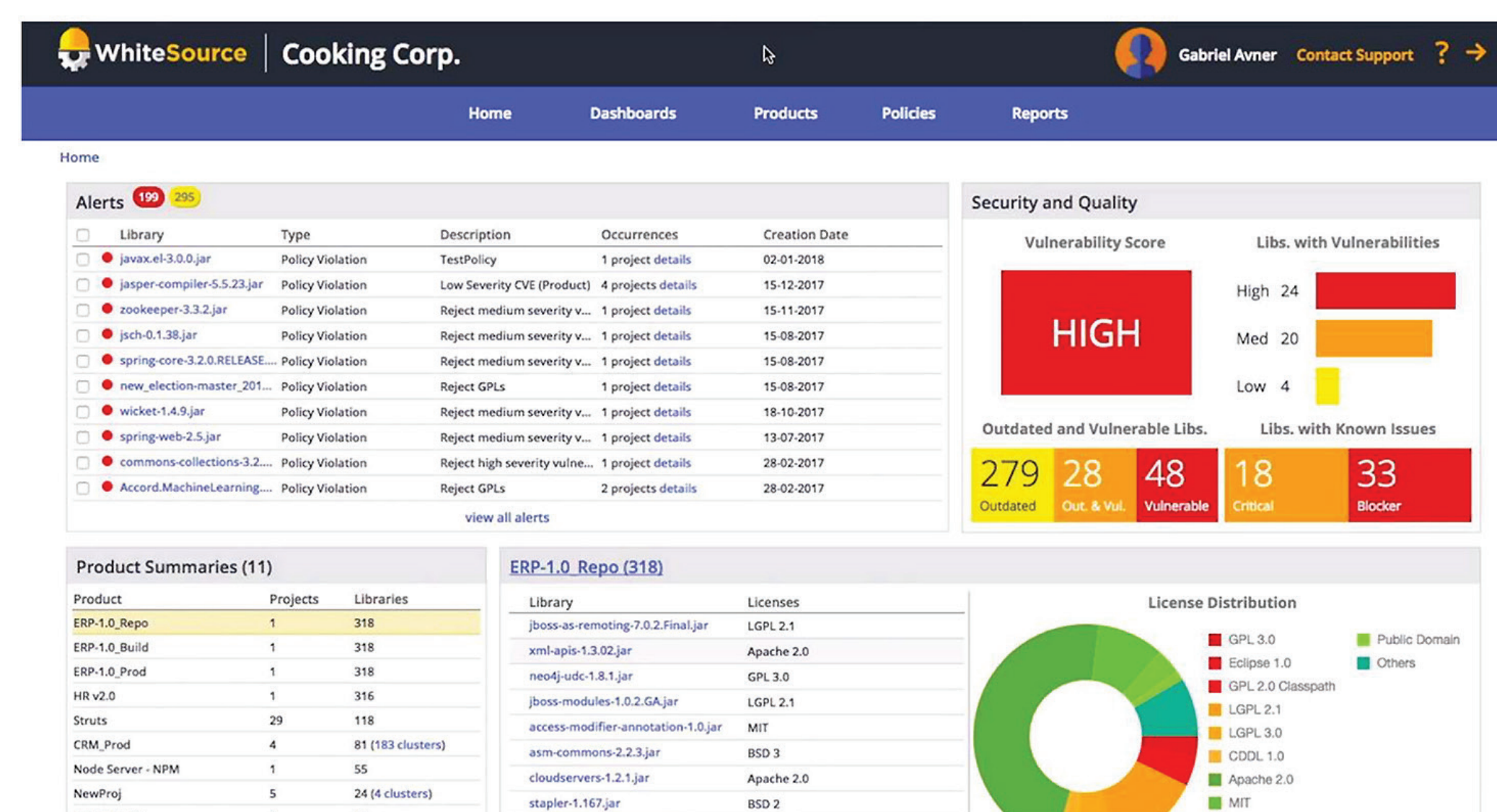


Development of a Microservice for Testing Software Composition Analysis Tools

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With the increase in the use of open libraries in software development, knowing what vulnerabilities affect these libraries is important. Software Composition Analysis tools were developed to address this issue. However very few comparisons have been done to compare their results.



SCA Scan Form Input

URL of Repo

Source Code Analysis Tool To Use

Snyk

Version Control Used

Git

Private Repo Username

Private Repo Password

Scan Repository

Project Objective:

This project focused on building a microservice to automate the scanning of repositories across multiple SCA tools on the market. A list of repositories was scanned using the microservice and the results were compared to determine the similarities among the results of the Software Composition Analysis tools.