



EasyReg - Security Compliance Platform

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1. Background

Organizations today face an increasing number of regulatory and security compliance requirements, including SOC 2, CMMC, ASVS, ISO 27001, HIPAA, NIST CSF, NIST 800-53, CSC CIS 18, PCI DSS, and SSF. Managing and maintaining compliance across multiple frameworks is complex, time-consuming, and costly. EasyReg aims to simplify and automate compliance tracking, ensuring organizations meet their security obligations efficiently.

2. Project Objectives

The main objective of the solution developed in this project are:

- Develop a centralized platform to manage compliance requirements across multiple security frameworks;
- Provide automated tracking and reporting of compliance status;
- Reduce manual efforts in regulatory audits and evidence collection;
- Provide a clear and concise overview of the implementation status of a specific norm or regulation for all relevant roles in the process.

3. Key Features

- Compliance Management Dashboard
 - Unified interface for monitoring compliance across multiple frameworks.
 - Customizable dashboards to track real-time status.
- Automated Compliance Tracking
 - Predefined templates for regulatory requirements.
 - Automated evidence collection and gap analysis.
- Audit Readiness & Reporting
 - Automated report generation for audits.
 - Role-based access control for secure document management.
- Framework Mapping & Cross-Compliance
 - Mapping of requirements across multiple frameworks to streamline compliance efforts.
 - Identification of overlapping controls to optimize efforts.

4. Technology tack

- Backend: Python (web frameworks like Django or FastAPI)
- Frontend: React.js