



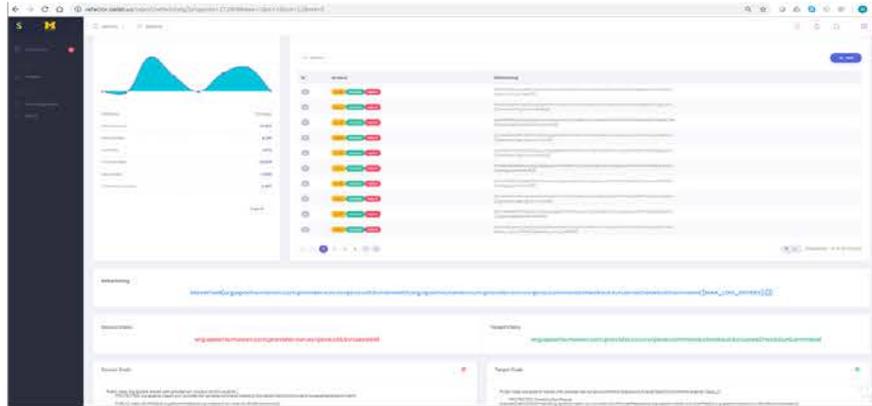
Award #: 1835747

# CSSI Element: Software: Software Health Monitoring and Improvement Framework

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<http://refactor.iselab.us/>



**Add Code Repository**

Integrated with GitHub



**Parse and Static Analysis of the code**

Calculate Quality, Code smells, security issues



**Search for Refactorings**

Improve the qualities



**Identifies Quality and Security Issues**

<100 Quality, Security, and Code smell metrics



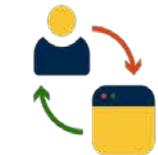
**Rich and Intelligent Reports**

Interactive visualization



**Recommends Relevant Refactorings**

Relevant and personalized recommendation to fix issues and improve code quality



**User Interaction**

Filter target classes  
Interactive refactoring exploration



**Personalized Recommendation**

Using AI and based on feedback and development history