MICHIGAN STATE UNIVERSITY Alpha Presentation Predictive Engine for Long-Term Malware Detonation The Capstone Experience

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Team Proofpoint

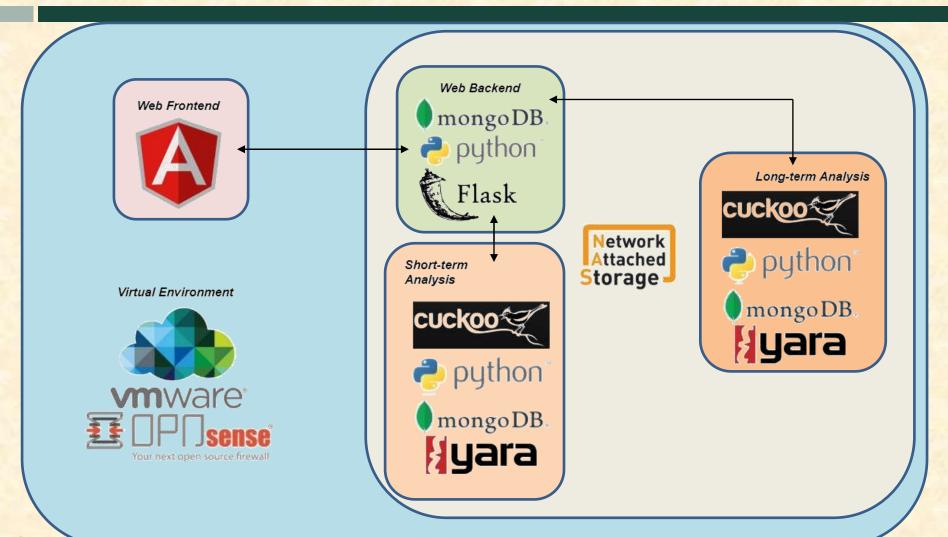


Department of Computer Science and Engineering
Michigan State University
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Project Overview

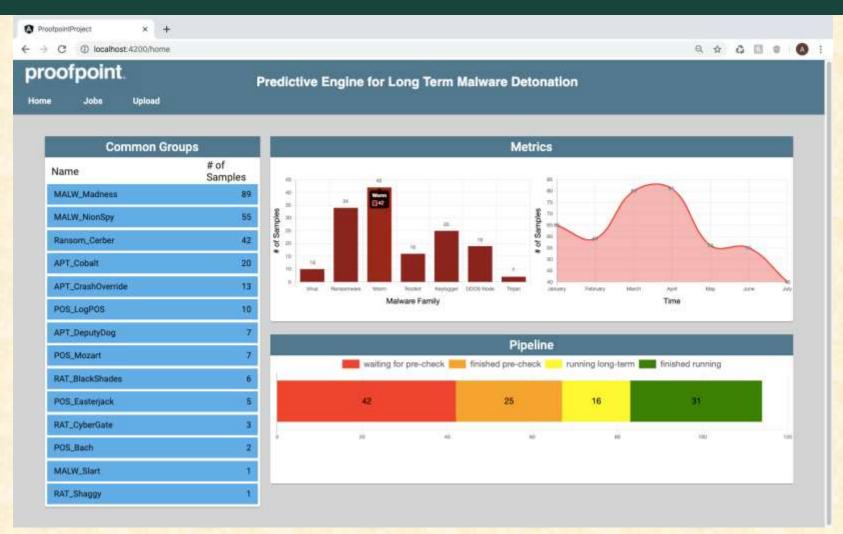
- Long-term malware detonation & analysis
- Automatic categorization of malware
- Web app to display analysis data

System Architecture





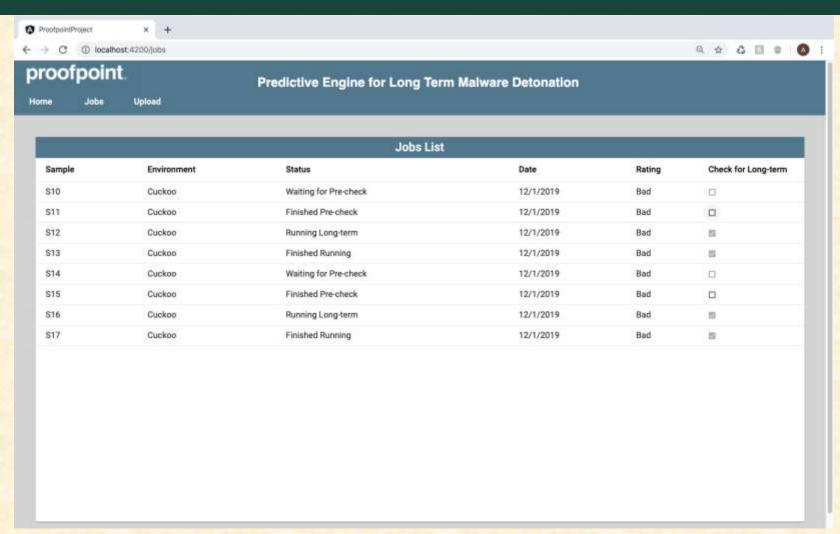
Dashboard





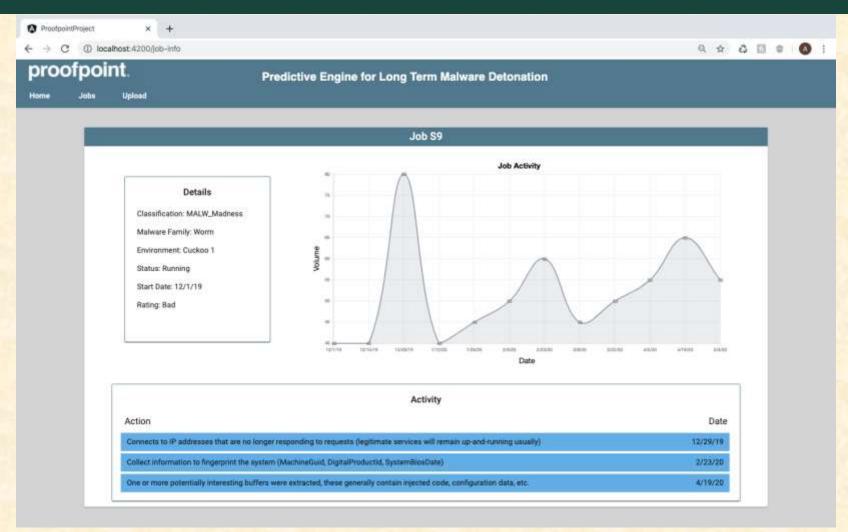
The Capstone Experience

Jobs List



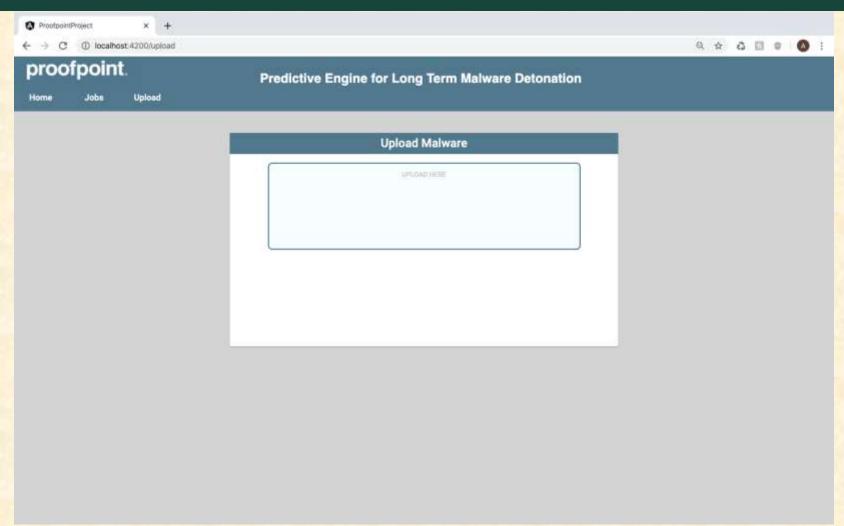


Individual Job





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What's left to do?

- Connect long-term Cuckoo machines
- Get malware files for analysis
- Improve similarity checking algorithm
- Improve data parsing on backend
- Explore optional Cuckoo features
- Implement analysis automation options
- Enable real-time database updates

Questions?

