MICHIGAN STATE UNIVERSITY

Beta Presentation Phish Phinder

The Capstone Experience
Team Auto-Owners

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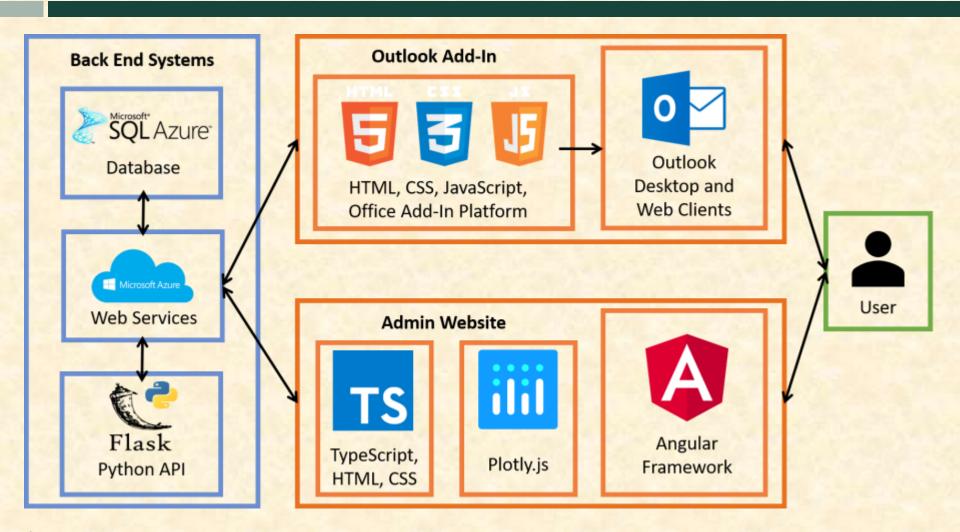


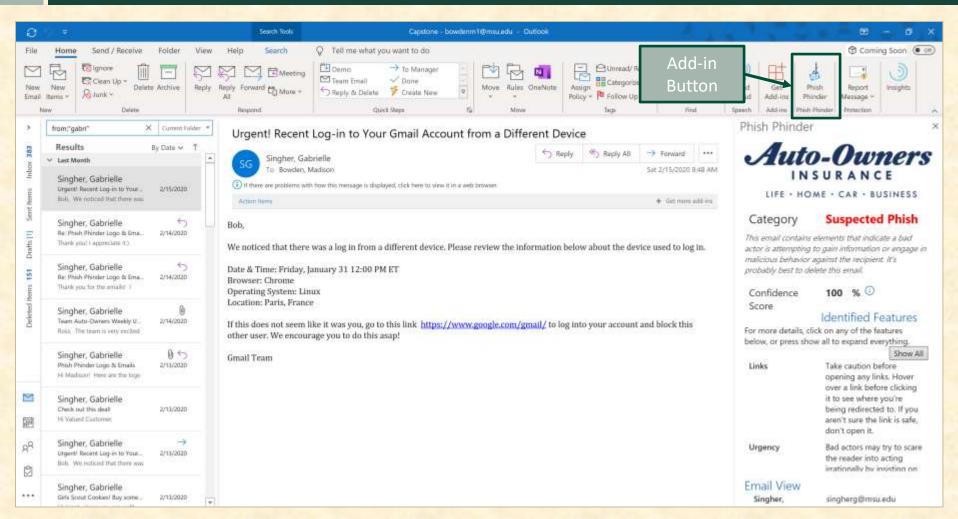
Department of Computer Science and Engineering
Michigan State University
Spring 2019

Project Overview

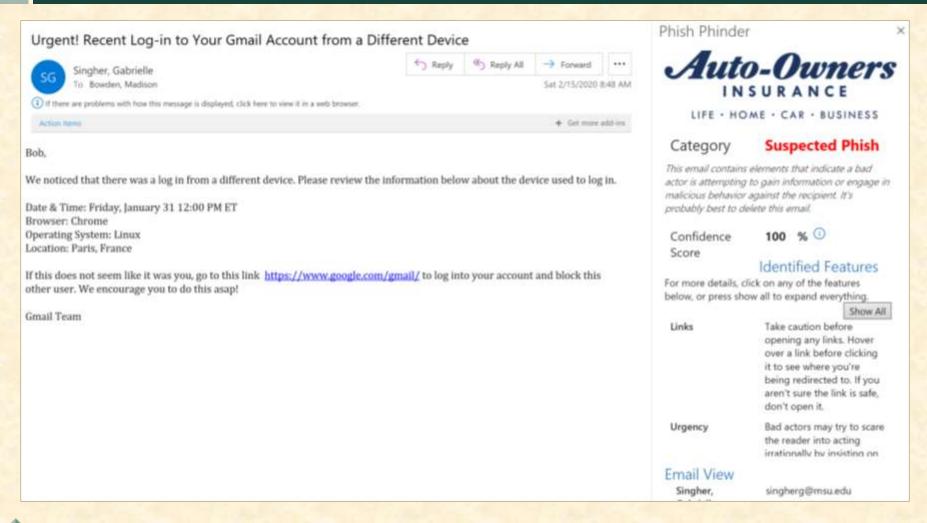
- Every day, associates receive a multitude of phishing emails.
- Phish Phinder is an Outlook add-in that scans emails using a phishing detection algorithm.
- It provides a categorization, confidence score, and an educational tutorial about suspicious features.
- A dashboard and email review system are available to administrators and executives.

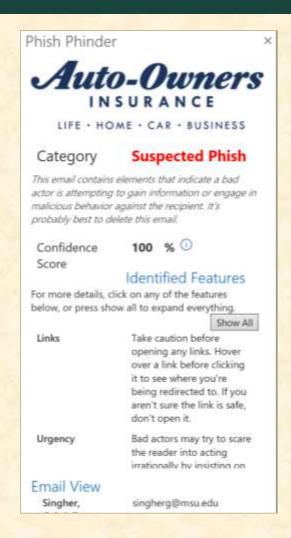
System Architecture

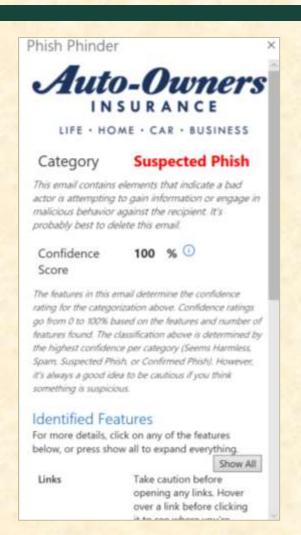


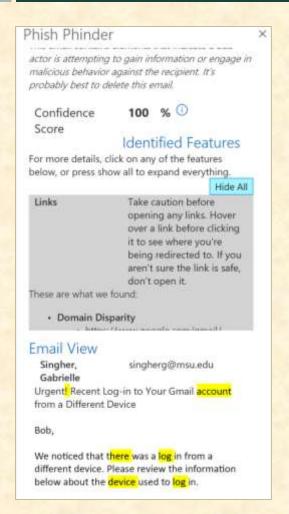


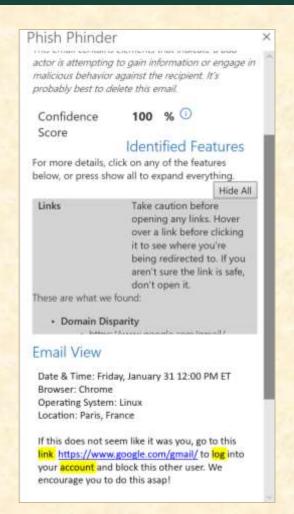


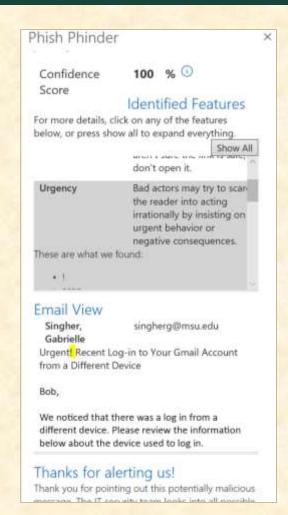




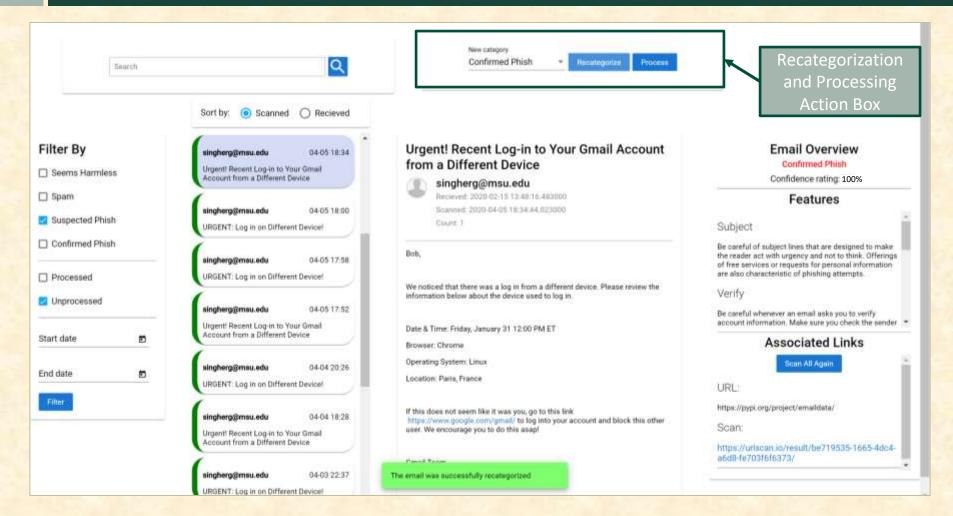




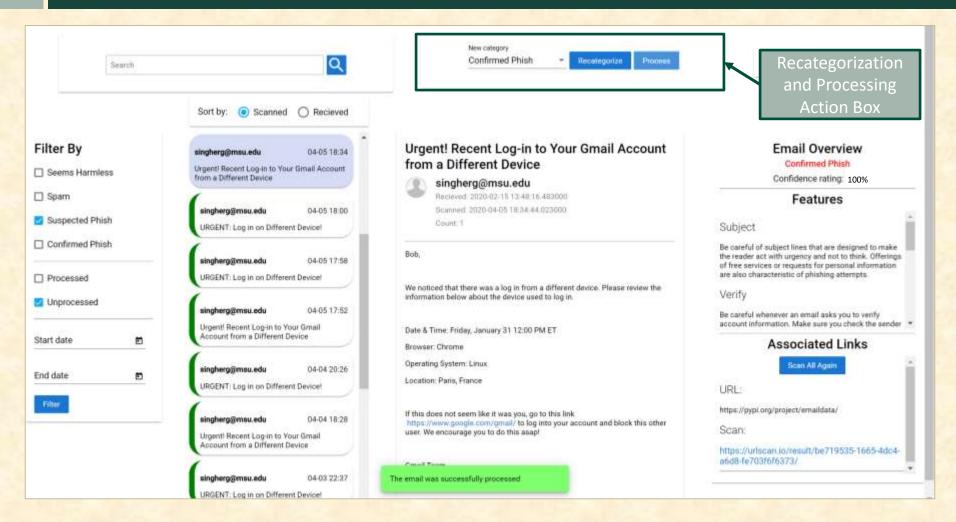




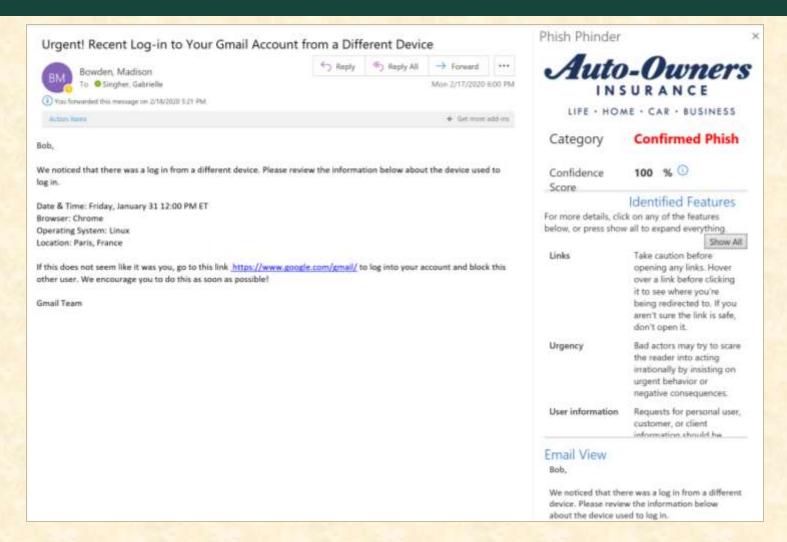
Suspected to Confirmed Phish in Review System - Recategorized



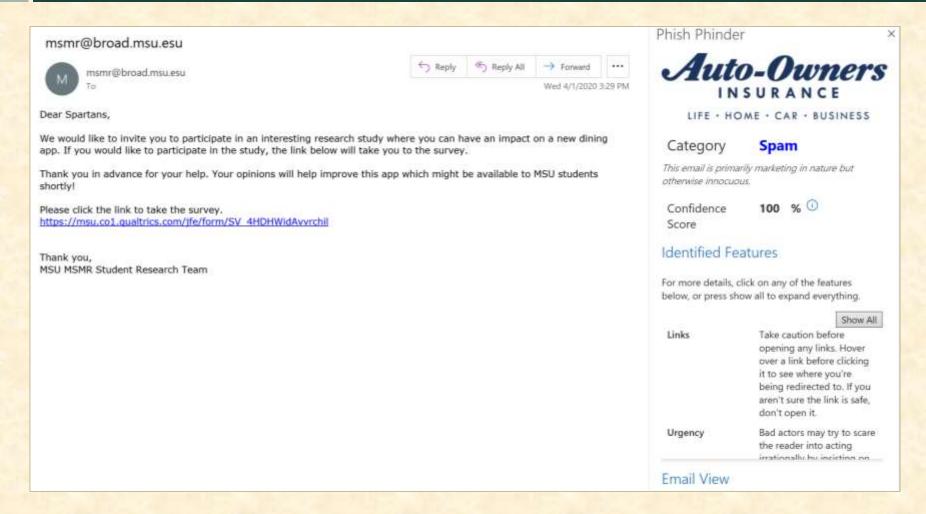
Suspected to Confirmed Phish in Review System - Processed



Confirmed Phish in Outlook

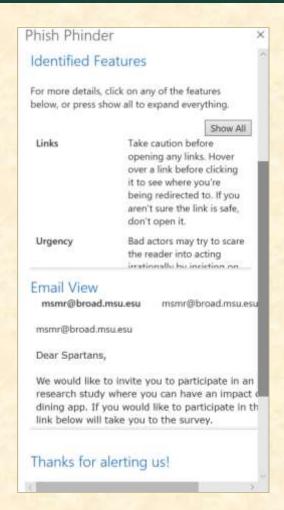


Spam Email in Outlook

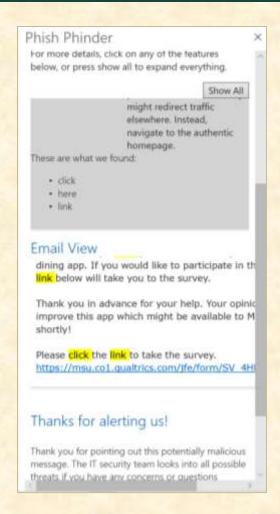


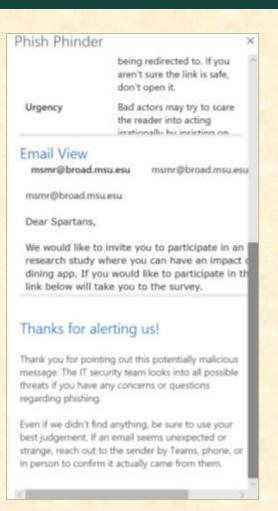
Spam Email in Outlook



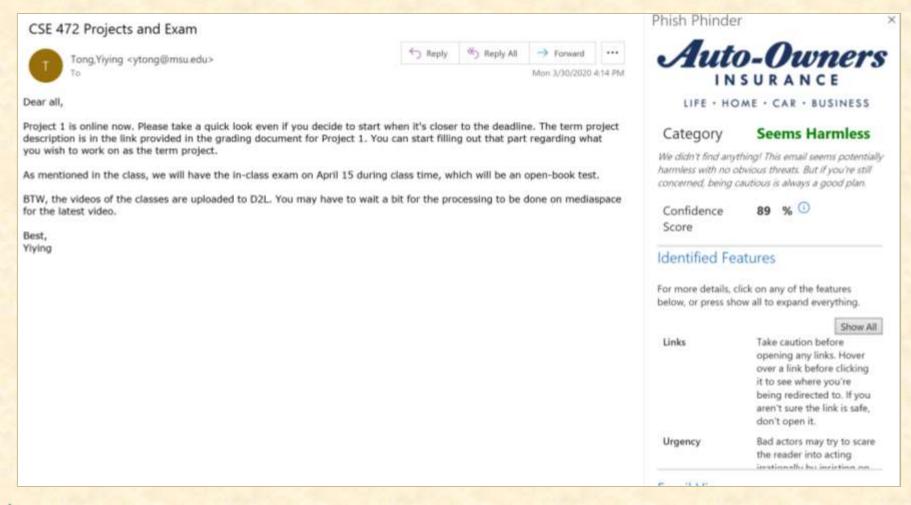


Spam Email in Outlook

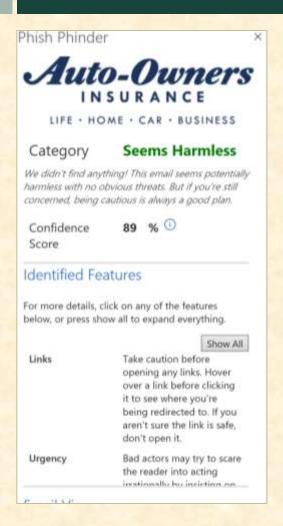


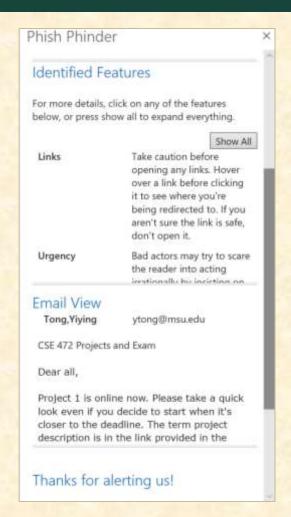


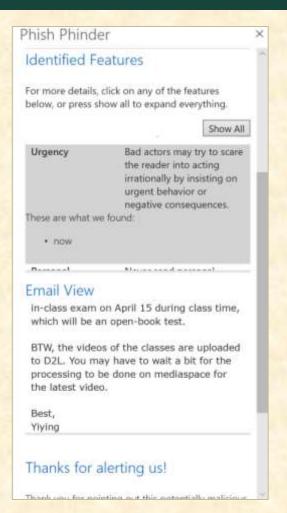
Harmless Email in Outlook



Harmless Email in Outlook

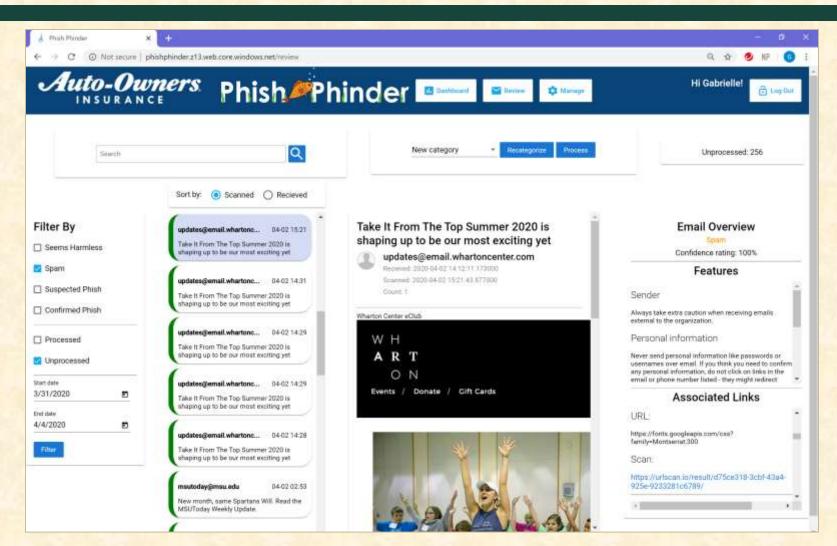






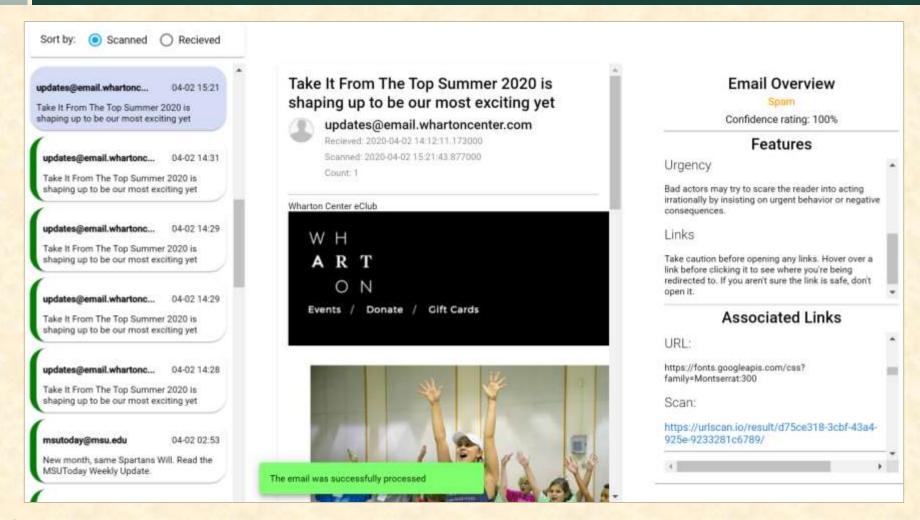


Phishing Net (Email Review System)





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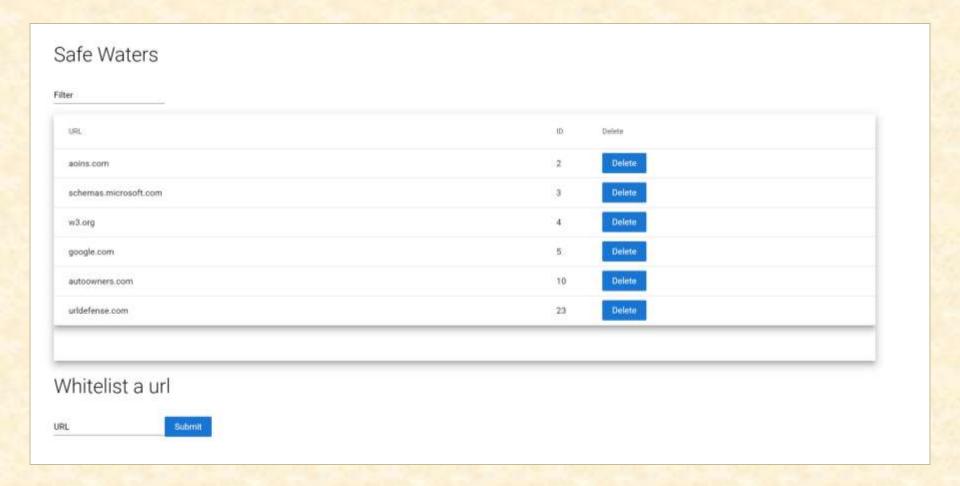




Phish Market (Analytics Dashboard)



Safe Waters (Whitelist Webpage)





What's left to do?

- User Testing and User Experience Testing
- Code Clean-up
- Fixing Bugs as They Arise

Questions?

