**Motivation**
We aim to engage users’ non-visual senses to encourage security awareness and warning adherence.

**Objectives**
- Improve users’ confidence and ease in assessing the security of websites
- Encourage users to have longer and more thoughtful assessments

**NoViz-Thermal**
NoViz-Thermal is a notification system that can augment or replace traditional security warnings.

Our Firefox extension collects security data through the webRequest API. This data is sent to our Arduino board which warms a heating pad on a computer causing users to feel heat while browsing insecure websites.

**Initial Assessment**
**Pilot study:** One participant completed the SA-6 security attitudes questionnaire. Then, assessed the security of 6 websites presented in random order on a laptop equipped with the thermal notification system.

**Expert evaluation:** The lead researcher visited 6 websites and walked through the process of assessing website security with the thermal notification system.

**Future Work**
- Continue prototyping to resolve residual heat issues
- More usability testing to clarify relationship between temperature + warnings
- Explore other types of non-visual security warnings

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