Excellence in Research - The Impact of Cybersecurity Policies on Employees' Efficiency and Performance Predictability

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http://www.nsusociocybersecurity.org/

PROJECT GOALS

- To conduct comprehensive research on employees' efficiency and performance predictability as a result of cybersecurity policies instituted by an organization.
- To establish a framework to conduct further socio-cybersecurity research at a HBCU.

RESEARCH QUESTIONS:

- How is employees' efficiency impacted by an organization's cybersecurity policies?
- What is the relationship between the stringency of cybersecurity protocols and employees' performance predictability?

PROJECT METHODOLOGY:

PHASE 1:

- Zoom Video conferencing interviewee video-blinded.
- NVivo Analysis
- 35 NSU Students & 15 Hampton Road Employees Interviewed using 25 open-ended questions.

PHASE 2:

- Socio-Cyber App created. Mock Application with cybersecurity features
- Simulated interview built in with extensive database design to capture users' feedback.

Project Methodology:
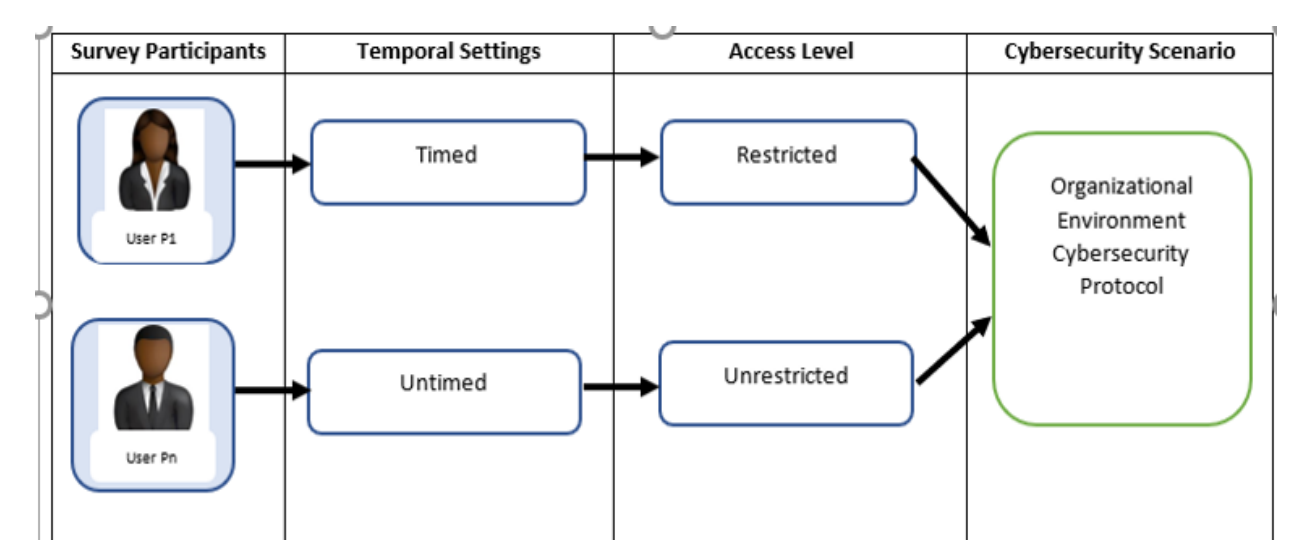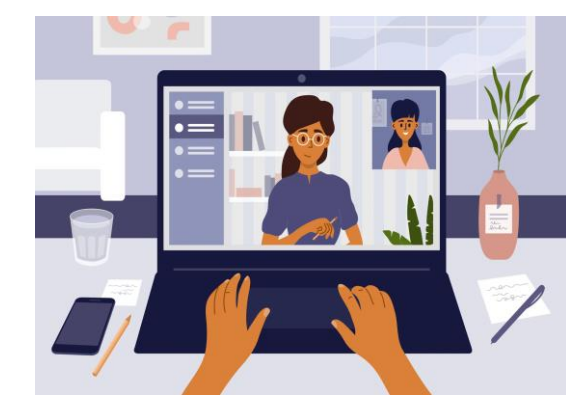
PROJECT ACHIEVEMENTS

(Qualitative Interviews & Socio-Cyber Application)
- Presentation of Results demonstrating how Cybersecurity adversely impact performance, yet it is still necessary; and how cybersecurity protocols optimized efficiency with added safeguards in organizations..
- Presentation on the success of Utilizing Research Assistants interdisciplinary research.
- The partial development of the Socio-Cyber Desktop with several employment-based scenarios; and Interview questions built in.
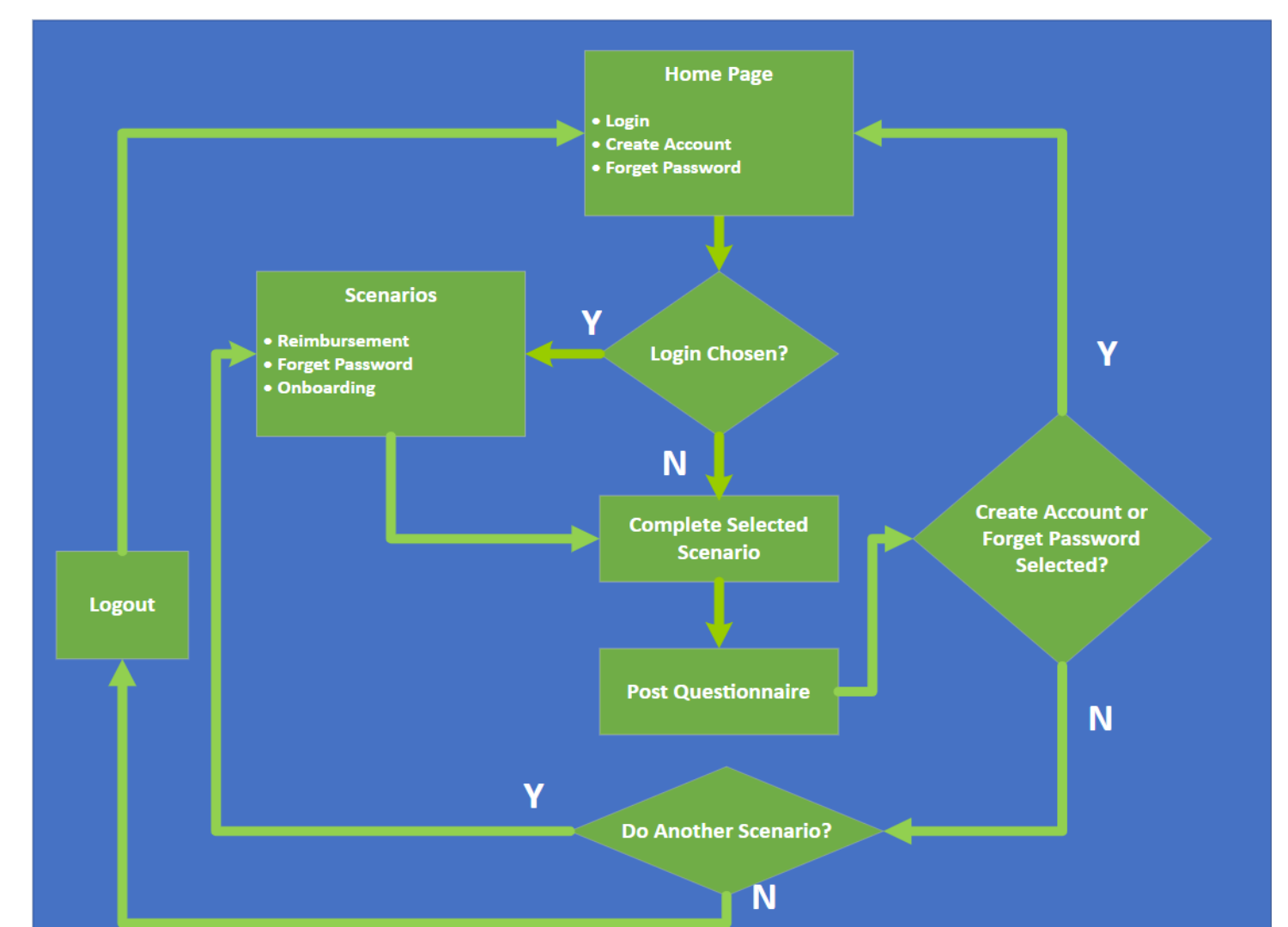
REALTIONSHIP TO ORGANIZATION THEORIES:
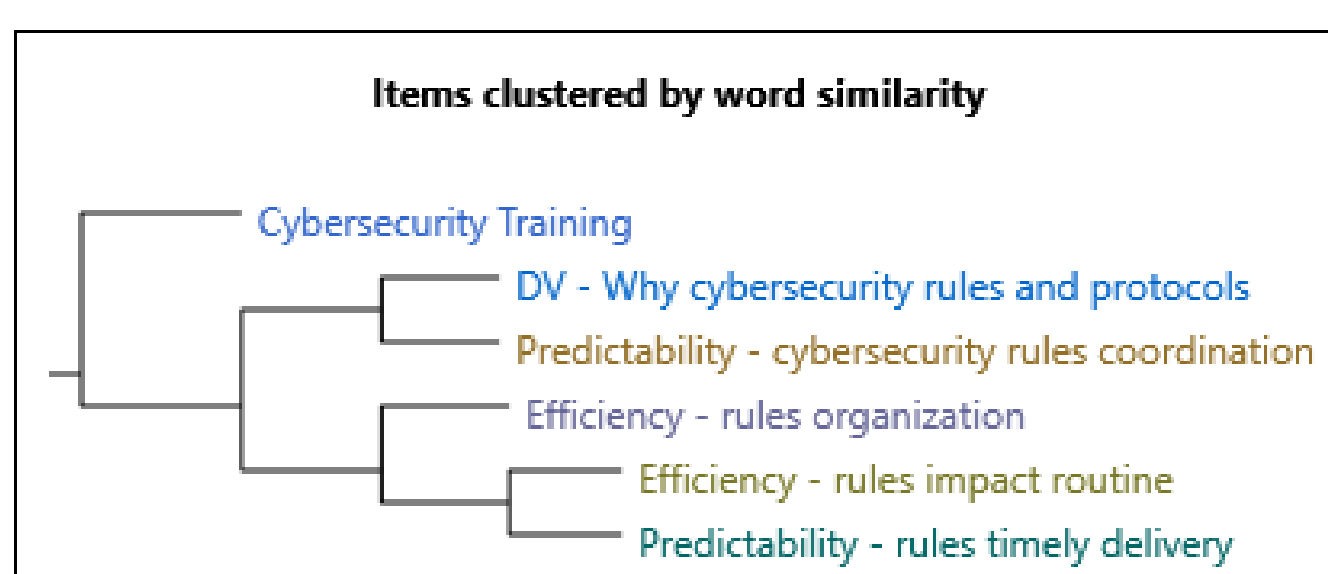
Grounded in McDonaldization Theory with Performance Predictability and Efficiency.
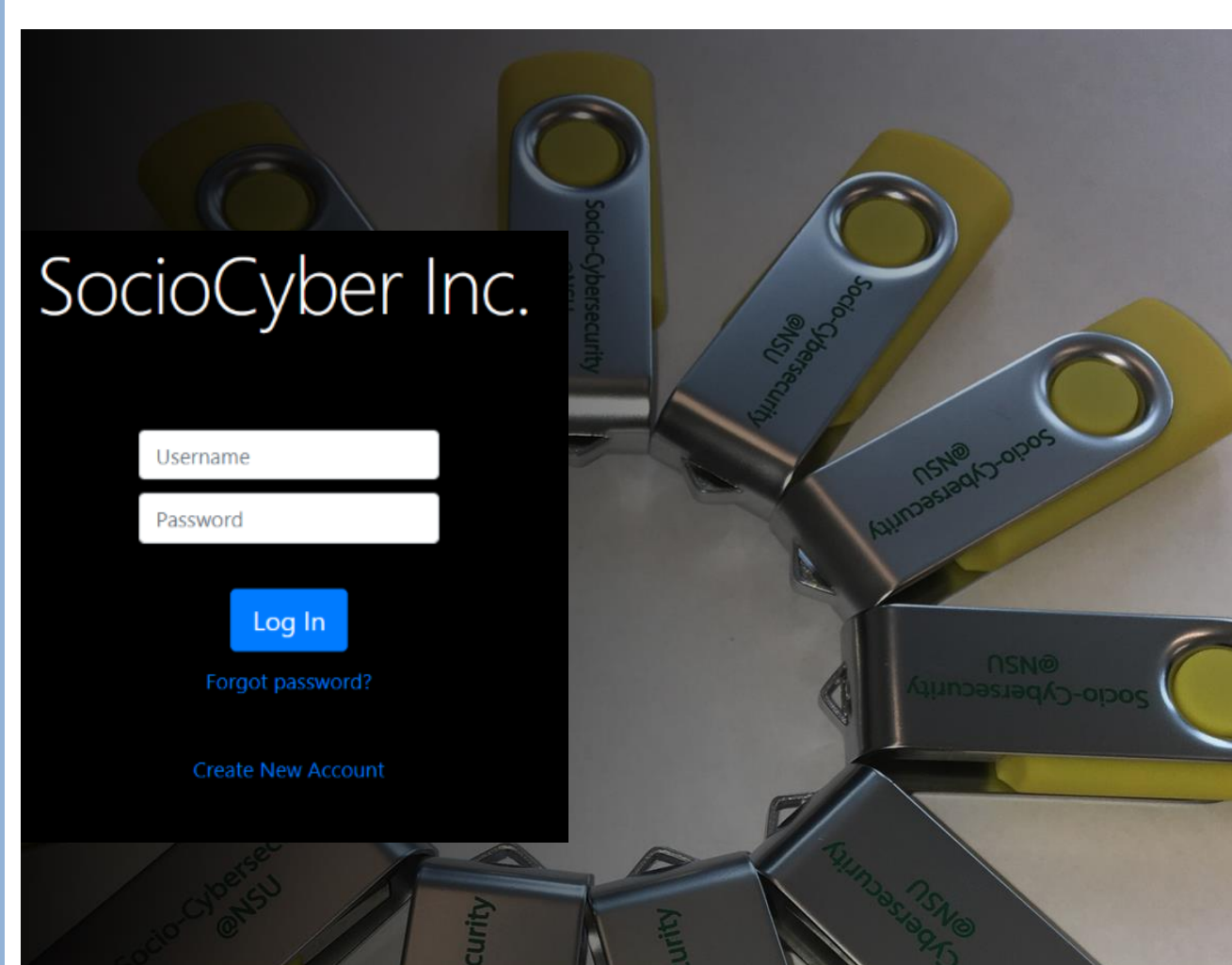
Entry Page of the Socio-Cyber Desktop

FUTURE PLANS:

- Complete & pilot the Socio-Cybersecurity app in Summer 2022.
- Interview 15 employees & 15 students in Summer/Fall 2022 and complete comprehensive NVivo analysis.