Peer Reviews:

Addressing Human Factors for Secure & Usable ASMIS. *Human*

Factor Module

Peer Review 1 - Submission ID: 1638164836

Structure and Presentation: The report was well presented in easy-to-understand language and well-structured, and clearly stating what are the three human factors that need to be addressed – easy-to-follow the discussion.

Knowledge:

A very good introdcution to the assignment topic - let down by later interpretation of human factors with lack of references and relations to the lecture materials (unit 1-3).

Application of Knowledge: The author is off to a good start; however, the report lacks addressing what and how human factors impact the security and usability of ASMIS. For example, it is difficult to understand how triggering and correct recognition of patients can be identified as a human factor, as it is instead a technical system factor. Further, how risk catogorisation or the system's flexibility can relate to a human factor is not adequately discussed and demonstrated in the report.

Criticality: A poor selection of references and discussion of human factor issues criticality.

Overall, the use of lecture materials (unit 1-3) and use of additional references would have helped discuss how to address human factors for ASMIS to be usable and secure.

Structure and Presentation: The report was well presented in easy-to-understand language. However, three human factors addressed in the report were not easy to find – clear heading of three factors would have made the report easy-to-follow.

Knowledge:

Three human factors presented in the report are (according to my understanding);

1. The report demonstrated a good understanding of how quality user experiences and acknowledgement of website privacy and security assurance are essential for the clinic's patients. The report also provides the actions plan required (two-factor authentication) for positive user acknowledgement that security features exists and the user can effectively participate in the process.

2. Human error is a broad subject, and I would have expected to see a discussion around what causes a human error, which leads to phishing, malware, etc. However, the report identified the importance of proper training for mitigating human error.

3. The paragraph provides a detailed discussion around insider threats with examples, how ignorance and carelessness worsen any adverse impact and possible challenges associated with mitigating actions plan.

Application of Knowledge: A good demonstration of the application of knowledge - particularly strong around insider threats and quality user experience.

Criticality: Good use of references to support the review of insider threats and quality user experience. However, using examples and additional references would have helped with analysing human error, adding more details to the argument.

Overall an excellent discussion of insider threats and quality user experience as a route for addressing usable and secure ASMIS – later let down by lack of interpretation of human error.