

# Unit 4 Seminar – Threat Modelling Exercise

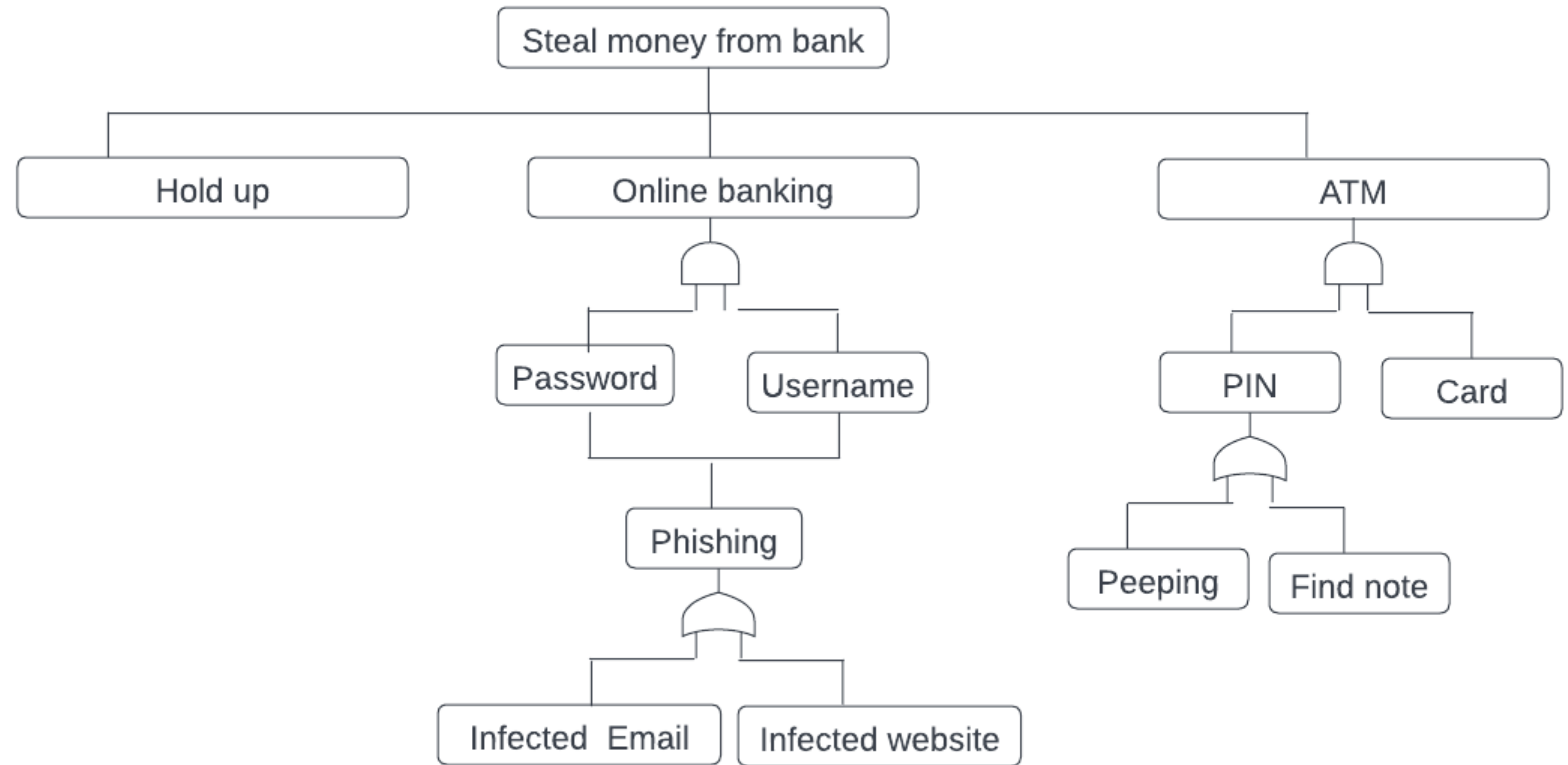
## Question

Create a threat model based on one of the following scenarios:

A large international airport based in the United States of America.

A large international bank based in the UK.

A large nuclear power station in France.



Attack Tree Diagram for Threat of Stealing Money from the Bank

# Mitigation

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Threat Target	Mitigation Strategy	Mitigation Technique
Phishing	Awareness	<ul style="list-style-type: none"><li>➤ Check for mismatched URLs.</li><li>➤ Look out for grammatical and spelling errors</li></ul>
Peeping	Physical control	<ul style="list-style-type: none"><li>➤ Look out for prying eyes when using PIN</li><li>➤ Avoid writing down PIN and other credentials in pieces of paper.</li></ul>

# References

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Shostack, A. (2014) Threat Modeling: Designing for Security. Indianapolis: John Wiley & Sons Inc. Available via the Vitalsource Bookshelf. [Assessed 27 August 2022]

Spring, J., Hatleback, E., Householder, A., Manion, A., & Shick, D. (2021). Time to change the CVSS? IEEE Security & Privacy, 74-78.