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ECE 5790

Final Project Proposal

1. I plan to use the QUIC model developed by Kenneth L. McMillan and Lenore D. Zuck with the paper "*Formal specification and testing of QUIC*". Using the model located in the [Microsoft Ivy GitHub repository for QUIC](#), I will analyze the given model and locate a weakness that could be exploited in the security/verification. Using that weakness I will insert a test case that exploits it and causes an additional failure.
2. I will be using ivy to attack the QUIC model
3. Timeline
 - Dec 2: Finish analyzing the given QUIC model
 - Dec 9: Finish reviewing the given test files
 - Dec 16: Finalize the attack test file