**Proposed Title:**

**“Addressing Different Blockchain Implementations of Decentralized Finance.”**

This narrative will explore and argue the validity of the security aspects Decentralized Finance(DeFi) provides through popular DeFi protocols and their proprietary blockchain implementations. This will be done by conducting research on popular DeFi protocols with each of them having a different blockchain implementation as their underlying architecture. Each one of these DeFi protocols provides security to transactions in their own way. The information provided for each individual use case will include validity to why decentralized finance transactions are secure through these DeFi protocols’ blockchain implementations, while also bringing to light the potential flaws that need to be addressed. A comparison review will be conducted between the DeFi protocols to better understand and grasp when and where to implement their blockchain architecture and lead to an argument on to why one would take precedence in certain use cases.

**Proposed Format:**

-Abstract

-Intro : What is a DeFi Protocol.

-Technical Use Case Example 1: Pros and Cons .

-Technical Use Case Example 2: Pros and Cons .

-Technical Use Case Example 3: Pros and Cons .

-Conclusion : Comparison Review with Opinionated Response.

-Future Work:

**-**References**:**

**Proposed References:**

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*Arroyo, J., Hassen, S., & Faqir, Y.(2020). An overview of decentralized autonomous organizations on the blockchain. In Proceedings of the 16th International Symposium on Open Collaboration . Association for Computing Machinery, New York, NY, USA, Article 11, 1–8. DOI:https://doi-org.ezproxylocal.library.nova.edu/10.1145/3412569.3412579*

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*Gudgeon, L ., Harz, D., Klages-Mundt, A., Liu, J., & Minca. A. (2020). Stablecoins 2.0: Economic Foundations and Risk-based Models. In Proceedings of the 2nd ACM Conference on Advances in Financial Technologies (AFT '20). Association for Computing Machinery, New York, NY, USA, 59–79. DOI:https://doi-org.ezproxylocal.library.nova.edu/10.1145/3419614.3423261*

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*Jia, C., Lui, Q., & Yu, L. (2020). MovER: Stabilize Decentralized Finance System with Practical Risk Management.* 2020 2nd Conference on Blockchain Research & Applications for Innovative Networks and Services (BRAINS)*, Paris, France, 2020, pp. 55-56, doi: 10.1109/BRAINS49436.2020.9223274.*

*Livshits. B. (2020). Technical perspective: Analyzing smart contracts with MadMax. Commun. ACM 63, 10 October 2020, 86. DOI:https://doi-org.ezproxylocal.library.nova.edu/10.1145/3416259*