

# COMP 680 Seminar Proposal Outline - Group 5

## Topic

Blockchain Technology

## Team Members

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## Team Website

<https://blockchain-comp680.github.io>

## Seminar Topic/Overview

- **Topics covered in Seminar 1**

Introduction and explanation of blockchain technology. Comparing traditional centralized/distributed systems with decentralized systems. And also how the blockchain technology is disrupting the traditional centralized system.

It will also cover the applications that can be built on blockchain and use case for the most popular blockchain platform, Bitcoin and some other coins.

- **Topics covered in Seminar 2**

For seminar 2, explaining blockchain architectures, protocols, operations, characteristics and limitations and we will be discussing popular platforms. Explaining the whole mechanism behind Bitcoin and Ethereum platforms. And also explain how to develop a decentralized application and deploy it on the ethereum main network.

It will emphasis on the decentralized applications, decentralized autonomous organizations and smart contracts. Use Case the Ethereum platform.

## References

- Blockchain Technology Overview - Draft NISTIR 8202- Dylan Yaga, Peter Mell, Nik Roby, Karen Scarfone
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- [www.ethereum.org](http://www.ethereum.org)
- Blockchain Applications: A hands-on approach - Arshdeep Bahga & Vijay Madisetti , 2017.
- [www.blockchain-council.org](http://www.blockchain-council.org)
- [www.blockgeeks.com](http://www.blockgeeks.com)
- Mastering Blockchain - Imran Bashir. Pub. Packt Publishing, 2017
- Mastering Bitcoin - Andreas Antonopoulos. Pub. O'Reilly Media, Inc. 2017