

# Tutorial 3 & Assignment 1

## FinTech (CCST9080)

---

Yuer Yang  
Yifeng Lin

Department of Computer Science, The University of Hong Kong

# Reminder

---



## Due

- 23:59 on February 26th, 2025

## Main content

- Select two blockchain platforms and compare them in different aspects
- Pick a specific application that fits one of the two blockchain platforms instead of the other and explain why
- Explain the comparison results of the two blockchain platforms supported by the given example if necessary

## Requirements

- Limit the body content in 5 body pages
- Remember to include the names and UIDs of all the group members
- Submit one final PDF file by one member for each group

# Suggested formatting

## Format of academic papers

- Title
- Authors (and Institutions)
- Abstract
- Keywords
- Introduction
- Related Work
- Proposed Method
- Experiments
- Results and Discussion
- Conclusion(s)
- References

Answers to  
Assignment 1

This can be divided into  
sections and subsections to  
make it better presentation.

## Multimedia

- Figure(s)
- Table(s)
- Equation(s)
- Algorithm(s)

## Non-body content

- Cover page(s)
- Reference(s)
- Appendix(es)



## Figures

- Resolution: High (PDF or vector graphics)
- Caption: After the figure (Fig. 1: XXX. )
- Explanations after the caption (optional)

## Tables and Algorithms

- Format: Three-line table format
- Caption: Before the table (Table 1: XXX. )
- Explanations after the caption (optional)
- Footnotes (optional)

## Equations (and Formulas)

- Mark the order number
- Explain the variables if necessary

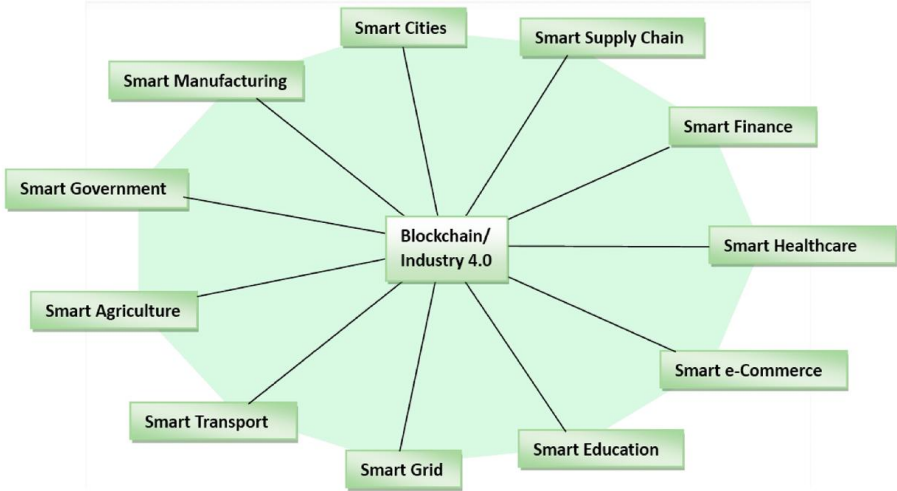


Fig. 14. Evolutionary adoption of blockchain application in different sectors.

Table 2. Blockchain classification.

Type	Description	Number of TA	SoC	Scenario
Private blockchain	Write privileges under the control of an organisation	1	Fast	Information management and sharing within an organisation
Public blockchain	Anyone can be a participant and it is accessible globally	0	Slow	Global decentralized scenarios
Consortium blockchain	Controlled by pre-selected nodes within the consortium	≥	Slightly fast	Businesses among a selected organisation



# Non-body Page(s)

## Cover page(s)

- Course Information
  - The course name
  - The course ID
  - Indicate the report for Assignment 1
- Group members
  - Full names
  - UIDs

## Reference(s)

- Google Scholar
- Prioritize citing papers from journals and conferences indexed by the SCI and EI databases
- Online website sources (official sites)
- Use the same style in citations and references

## Appendixes

- Screenshots
- Extensive experimental results
- Authors' contributions (will be treated equal contributions if no statements)

### Citing (GB/T):

- **Correct:** [1, 2]
- **Incorrect:** [1,2]
- **Incorrect:** [1-2]
- **Correct:** [1, 3, 4, 6]
- **Correct:** [1-3]
- **Incorrect:** [1, 2, 3]
- **Incorrect:** [1-3, 4]
- **Correct:** [2-5, 7-9, 11]
- **Incorrect:** blockchains(1)

### Formatting:

- **Correct:** 1 byte (B)
- **Incorrect:** 1 byte(B)
- **Correct:** blockchains [1] are
- **Correct:** blockchains [1], so
- **Incorrect:** blockchains [1] ,so
- **Correct:** compute 2—1
- **Incorrect:** compute 2-1

# Citations and References



## Citation markers (in the IEEE journal style)

Our *BitAnalysis* are different from the above works from different aspects. SilkRoadTravel [34] only focused on the specific silk road analysis, but *BitAnalysis* is design to support custom wallet analysis. BlockChainVis [35] proposed predefined filters to filter out undesired information for transactions visualization while we emphasize on wallet relationship

This citation marker is in the body content.  
Here, we use the “[ ]” and the number to cite the reference.

## References (in the IEEE journal style)

- [31] Txstreet.com, 2019. Accessed: Feb. 16, 2019. [Online]. Available: <https://txstreet.com/>
- [32] Bitnodes.earn.com, 2019. Accessed: Feb. 15, 2019. [Online]. Available: <https://bitnodes.earn.com/>
- [33] Bitcoin big bang, 2019. Accessed: Feb. 15, 2019. [Online]. Available: <https://www.elliptic.co/>
- [34] N. Christin, “Traveling the silk road: A measurement analysis of a large anonymous online marketplace,” in *Proc. 22nd Int. Conf. World Wide Web*, 2013, pp. 213–224.

This reference (with order numbers in the order of the first-time citing) is written in a non-body section entitled *References* after the body page(s).

# Citations and References



## Citation markers (in another style)

This is a test for citation (Einstein, 1950). And here is another test (Boltzmann, Schrödinger und Heisenberg, 1970).

This citation marker is in the body content.  
Here, we use the (authorname, authoryear) to cite the reference.

## References (in another style)

Boltzmann, Ludwig, Erwin Schrödinger und Werner Heisenberg (1970). "This is a long title of article B". In: *Some Science Journal*.  
Einstein, Albert (1950). "This is a long title of phdThesis A". Diss. Example School, S. 42–125.

This reference (in the alphabet order) is written in a non-body section entitled *References* after the body page(s).



# Tutorial 3



## Grouping (5 minutes)

- You will be divided into smaller groups (about 3 per group).

## Searching and Discussion (20 minutes)

- A specific topic will be assigned to each tutorial session group.
- Each group should select different topics to proceed (**First Come First Serve**).
- Students will be asked to search and discuss in their groups.
- Students will be asked to present their findings.

## Presentation by each group (20 minutes)

- Each group presents their findings based on the application given by the TA

## TA comments on the findings (5 minutes)



# Thank You !

Yuer Yang

Yifeng Lin

Department of Computer Science, The University of Hong Kong