

Mestrado Acadêmico em Ciência da Computação

<http://ppgcc.ifce.edu.br/>

Disciplina: Sistemas Inteligentes em Saúde

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Lista de Exercício 02b (Blockchain)

1. Leia o documento Blockchain in Healthcare Today e Pesquise a importância de cada um dos itens abaixo (4 páginas)

Predictions
#1. Blockchain will become an essential part of consent management in healthcare
#2. Remittance and micropayments will increasingly migrate to blockchain
#3. Non-cash assets including outcomes will be tokenized
#4. Providers will be credentialed on chain
#5. Improvements to blockchain infrastructure will reduce electricity requirements and enhance speed/scalability
#6. Supply chain integrity will be tracked on blockchain
#7. Education of stakeholders will refine use cases for blockchain and accelerate adoption
#8. Opportunities for monetization of data, including the genome, will be enhanced by blockchain
#9. Integrity of medical records will be an essential use case for blockchain
#10. Existing blockchain in healthcare startups will be acquired and we will see substantial consolidation of blockchain in healthcare offerings

2 Assista os seguintes vídeos e faça uma análise crítica (1 página, cada)

2.1 How the blockchain is changing money and business

- <https://www.youtube.com/watch?v=PI8OlkkwRpc&t=861s>

2.2 Here's How the Blockchain Is Disrupting Healthcare

- <https://www.youtube.com/watch?v=ibaTpBj7D4&list=PLybtLhUWzLx9-uP25TijHnUXBCEa3VTgr>

2.3 Healthcare's New Interoperability Definition, Blockchain for Healthcare, and FHIR

- <https://www.youtube.com/watch?v=5g9GxHYN9Wk>

2.4 How blockchain can streamline healthcare

- <https://www.youtube.com/watch?v=h3aZ8mrlR-0>

2.5 Trust and Identity in Healthcare

- <https://www.youtube.com/watch?v=nwNLOOWbR3I>

2.6 Como Blockchain pode auxiliar a interoperabilidade em dados de saúde

- https://www.youtube.com/watch?v=E5yANLSrT_8

2.7 Blockchain Healthcare: What is Blockchain for Healthcare

- <https://www.youtube.com/watch?v=IcLMsmhghR4&t=17s>

2.8 Blockchain in Healthcare: a New Era of Opportunities

- <https://www.youtube.com/watch?v=6zBIRvuEDvM>