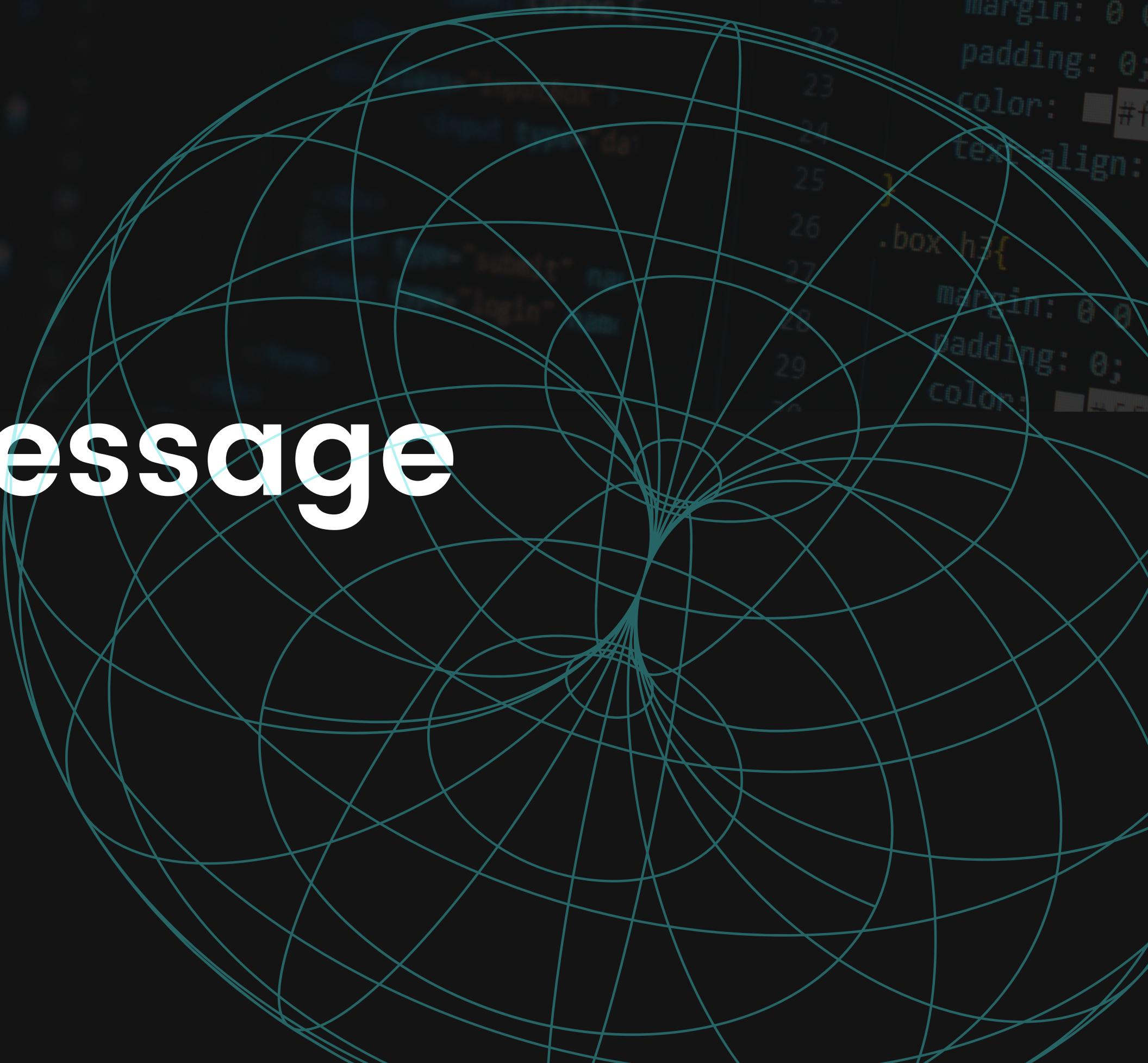


Quantum  
Computeing

# Hide your message

Using Stenographer Concept



# Hide your message using pixels

What you need to know



What is Stenographer?

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What is the scenario ?

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What is the goal of this project ?

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What is Quantum Generter Image?

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What are the encryption and  
decryption in this project ?

---

?.

# Stenographer

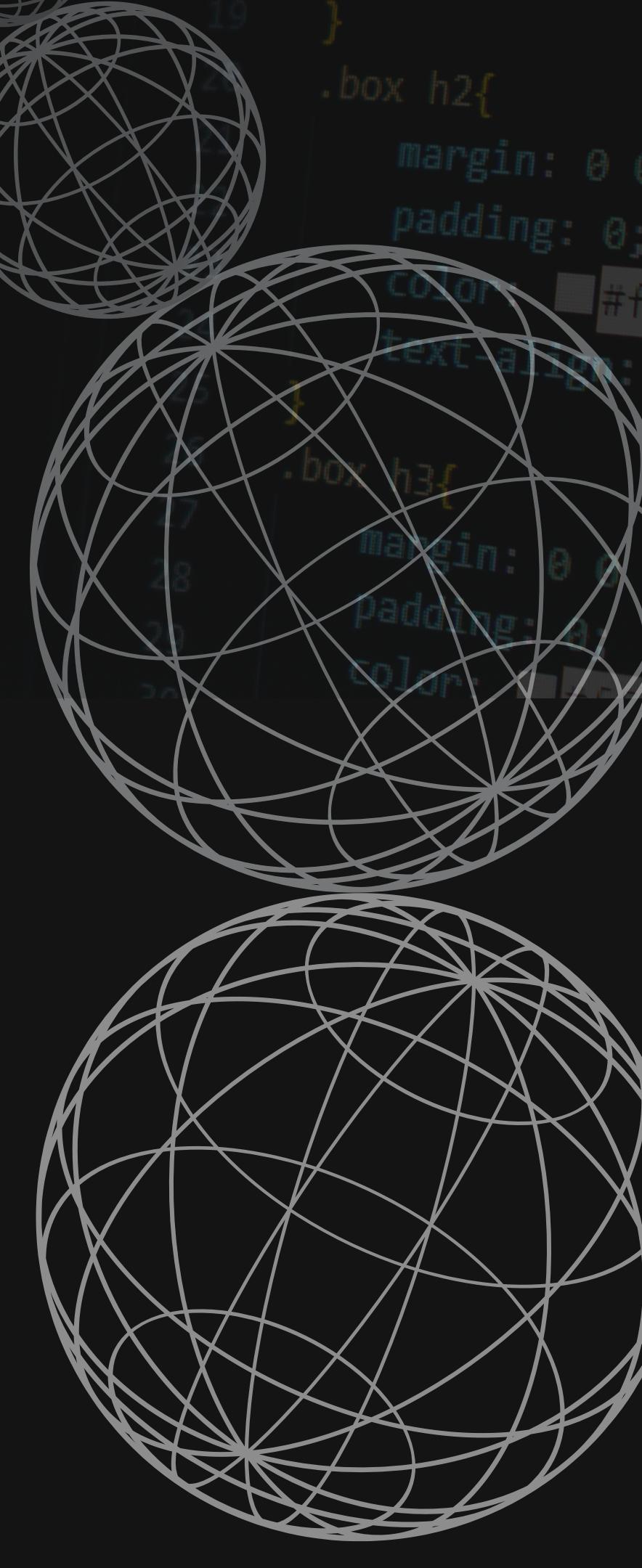
**Stenographer can change how transfer information with secure way**

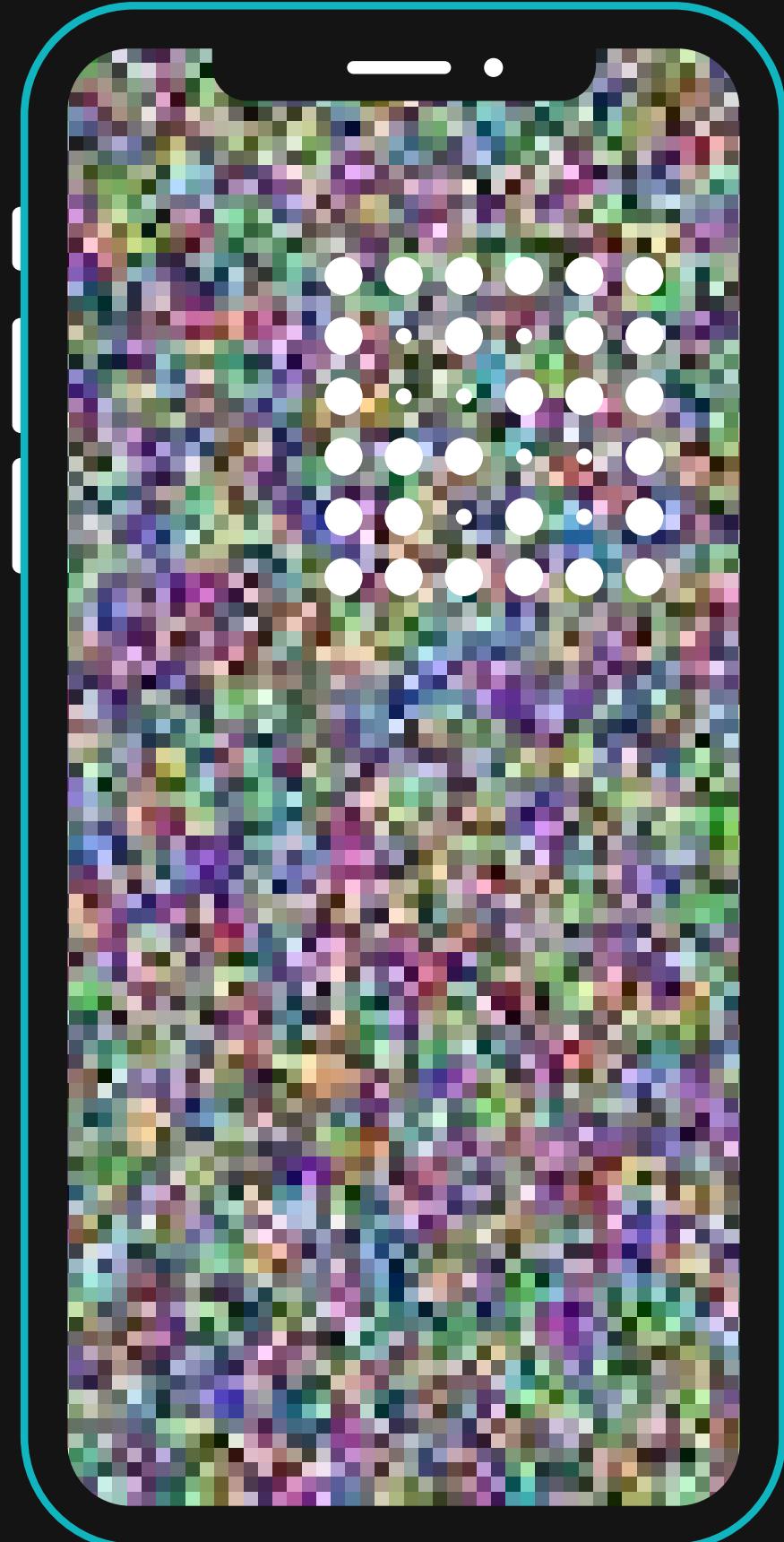
---

a stenographer can be seen as a crucial component responsible for recording and extracting meaningful data from quantum systems. Quantum stenographers are designed to perform precise measurements on quantum states, capturing information about the superposition or entanglement of qubits. They act as interfaces between the fragile quantum world and classical computing, enabling the extraction of valuable information for subsequent analysis and computation

# what is the scenario?

How Stenographer can help ..





# what Quantum Can do to pixels ?

Applying the concept of quantum superposition to pixels allows us to consider the possibility that a pixel can exist in multiple states simultaneously, representing different colors or shades at the same time.

# How we insert the secret message into quantum circuit.

Convert the secret message in to binary and create FBSM (Fake binary secret message ) to make it more confusing bits using random steps , After FBSM will add FBSM in to quantum circuit.

# Cover Image CI

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- cluster the detected key points
- convert the key points information
- create k-means with desired clusters .
- preform k-means clustering
- save cluster centers to a file .

# Stego Image SI

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- load cluster centers.
- Get pixels values in CI
- Calculate new pixels
- Set blue channel to get LSB by index bit .
- up date SI pixels

# Team Members

KHAWLAH .AL

DANIA . ALSAIGH

WARDAH ALMALKI

# Do you have any questions?

We hope you learned something new.

