**DESIGN**

# **HIGH LEVEL TESTING**

**Architecture Design:**

## **Component Diagram:**

Print Output

Print the Encrypted Message

Input the message

Generate Encrypted Cipher Text.

Calculate\_ds\_Cipher

Memory

Generate\_Secret\_Key\_2

-

Generate\_Ceacer\_Cipher

Memory

Generate\_Secret\_Key\_1

User

Print Output

Print the Decrypted Message

Cipher Message

Generate Decrypted Plain Text.

Memory

Get\_Secret\_Key\_1

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Memory

Get secret Key 2

Calculate\_Ceaser\_Plain\_Text

Generate\_ds\_cipher

Dash line = Triggers or next step

## **Use Case Diagram:**



User

Print the encrypted Message

Encrypt with Algorithm 1, followed by algorithm 2

Generate Secret key 1 and Secret Key 2

Enter the text message to be sent.