**Data Flow Diagram for CounterApp**

Level 0(Context Diagram):

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| External Entity: User |

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| User Actions (Click Buttons)

V

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| Counter App |

| (Process: 1.0) |

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| Counter Value

V

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| Data Store: |

| - Counter State |

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Explanation:

* Shows the user interacting with the "Counter App" process.
* The app primarily manages the "Counter State," which stores the current count value

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Level 1(Decomposition of Process 1.0)

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| External Entity: User |

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| User Actions (Click Increase/Decrease/Reset)

V

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| Process: 1.1 - |

| Update Counter |

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| Updated Counter Value

V

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| Data Store: |

| - Counter State |

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| Counter Value

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| Process: 1.2 - |

| Display Counter |

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| Displayed Counter

V

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| External Entity: User |

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Explanation:

* Breaks down the app into two processes:
* "Update Counter": Handles button clicks (Increase, Decrease, Reset) and updates the counter state accordingly.
* "Display Counter": Takes the current counter value from the state and displays it to the user.

Key points:

* This DFD illustrates how user interactions (button clicks) trigger changes in the counter state.
* The main data being processed is the "Counter Value."
* This is a simple example, and for a more complex app, you might have additional processes (e.g., data fetching, user input validation) and data stores.