# Show/Hide Text on Button Click \* Toggle visibility of some text when a button is clicked. Fetch and Display API Data \* Use fetch or axios with useEffect to get data from an API (e.g., JSONPlaceholder) and display it in a list

### **Level 0 - Context Diagram**

* **External Entity:** User
* **Process:** Toggle & API Fetch System
* **Data Store:** API Response (Fetched Data)

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| External Entity |

| User |

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| Toggle & API Fetch |

| System |

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| Data Store: API |

| Response |

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### **Level 1 - Detailed Breakdown**

#### **1. Toggle Button Functionality**

* User clicks the button → System toggles text visibility

#### **2. Fetching & Displaying API Data**

* useEffect fetches data from API → Data is displayed in UI

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| External Entity | | External Entity |

| User | | API Server |

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| Click | | Fetch |

| Toggle Button | | API Data |

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| Show | | Data Store: API |

| or Hide Text | | Response |

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| Display |

| API Data on Page |

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