### **Task Overview:**

Choose one platform from each category:

* **Public Blockchain:** (e.g., Ethereum, Bitcoin, Solana)
* **Private Blockchain:** (e.g., Hyperledger Fabric, R3 Corda in private mode)
* **Consortium Blockchain:** (e.g., R3 Corda, Quorum, IBM Food Trust)

### **Instructions:**

1. **Create a comparison table or markdown sheet** with the following columns for each platform:  
   * **Blockchain Name**
   * **Type (Public/Private/Consortium)**
   * **Consensus Mechanism Used**
   * **Permission Model (Open/Permissioned)**
   * **Speed / Throughput (TPS if available)**
   * **Smart Contract Support (Y/N + Language)**
   * **Token Support (Native or not)**
   * **Typical Use Case**
   * **Notable Technical Feature (e.g., privacy, pluggable consensus)**

3. **Write a Short Report (150–200 words):**

* + Compare and contrast the **technical capabilities** of each.
  + Which platform would you choose for:  
    - A decentralized app?
    - A supply chain network among known partners?
    - An inter-bank financial application?
  + Justify your choice based on technical points.