Smart Retail Dashboard

CEO Analysis

```json
{
  "decision": "GO",
  "key_risks": [
    "Technical issues during development could impact timeline and budget",
    "Data integration from various retail chains might not be straightforward",
    "Security concerns if proper measures are not taken to protect sensitive data"
  ],
  "opportunities": [
    "Potential for increased sales due to better analytics and decision-making tools",
    "Possibility of expanding the product to other industries with similar needs",
    "Opportunity to build a strong relationship with retail chain partners"
  ],
  "recommendations": [
    {
      "title": "Establish a robust technical team",
      "detail": "Ensure that the development team has expertise in handling complex integrations and addressing po
    },
    {
      "title": "Implement strong data security measures",
      "detail": "Take necessary steps to protect sensitive data and ensure compliance with industry standards."
    },
    {
      "title": "Collaborate closely with retail chain partners",
      "detail": "Work hand-in-hand with retail chain partners during the development process for a better understand
    }
  ]
}
```

CTO Analysis

{
  "architecture": "Microservices-based, serverless architecture with GraphQL gateway and event-driven system for
  "components": [
    {
      "name": "Dashboard Service",
      "purpose": "Provides the user interface to display sales & inventory analytics."
    },
    {
      "name": "Data Integration Service",
      "purpose": "Collects, processes, and stores data from various retail chains."
    },
    {
      "name": "Real-Time Analytics Service",
      "purpose": "Analyzes the collected data in real-time to generate insights for retail chain partners."
    },
    {
      "name": "Authentication & Authorization Service",
      "purpose": "Manages user authentication and authorization for accessing the dashboard and analytics."
    }
  ],
  "scalability_plan": "Scalability will be achieved through the use of autoscaling groups within AWS, where each mi
}