**Review for Project Metrics within the Dashboard**

Building a Paul Quinn College IT Analytics Suite with persona-based dashboards (CFO, CIO, CTO, Project Manager). Currently have functional CIO and CTO modules with comprehensive metrics, data generation, and visualizations.

**Current Status**

* **Working**: CIO and CTO dashboards with full metric systems
* **Missing**: Project Manager functionality uses only hardcoded sample data
* **Architecture**: Uses metric registry system, dashboard loader, and CSV-based data generation

**Goal: Create Project Manager Module**

Need to implement a complete Project Manager metrics system following the existing CIO/CTO pattern:

**Required Components**

1. **Data Generator**: generate\_project\_manager\_data.py
2. **Display Functions**: Project management metric display functions
3. **Integration**: Connect to existing dashboard loader and metric registry

**Data Structure Needed**

Based on existing Project Management Application Blueprint document, should include:

* Project charter and timeline data
* RAID log (Risks, Actions, Issues, Decisions)
* Requirements traceability
* Budget vs actual tracking
* Resource allocation
* Stakeholder communication metrics

**Technical Pattern**

Follow CIO/CTO structure:

* CSV data generation with time-series metrics
* Display functions with multi-tab visualizations
* Integration with dashboard\_metric\_loader.py
* Registration in metric registry system

**Current Project Manager View**

Currently shows static demo data for 5 sample projects. Need to replace with dynamic, comprehensive project management metrics that align with the enterprise-grade project management blueprint.

The goal is to complete the 4-persona dashboard suite with fully functional project management analytics.