Lagozon EduTech Pvt. Ltd

Project Assignment: Department Of Defence Internship Training for GIET University Students

Date: 30 Jun 2021

Version 1.0

`

LAGOZON EDUTECH PVT. LTD.

Table of Contents

Department of Defence Application

This demonstration was designed to provide insight into the budget for the United States Department of Defense. The Department of Defense budget request allows the United States to invest in military readiness and ground force strength, to develop the capabilities to deter and defeat future threats to the Nation's security while also improving the quality of life for service members and their families.

1. Table Details

Table Name	Key Field	Description
DoDTable1	Category	DoDTable provides detail level information for Budget and Amount
CategorySort	Category	Provides Category sort order Information
CategoryMetrics	Category	Provides metric Information to create Adhoc Report
CategoryDimensions	Category	Provides Dimensions Information to create Adhoc Report

2. Deliverables

1. Power BI Application
2. Data Model
3. Visualization – Dashboards and Analytics Views
4. Implementation of Row Level Security (Use Store for defining rules)
5. All the views must be mobile ready
6. Presentation Report (.pptx) as a supporting document to Power BI Application

3. Requirements:

3.1. Functional:

- Create a master calendar in data model

Dashboard:
1. YTD, MTD, QTD on AuthAmount & AppnAmount
2. Total:
    - % Total Budget 2013 vs 2012
    - Total Budget 2013
    - Total Budget allocation YoY: by AuthAmount and AppnAmount
3. In Army
    - % Budget 2013 vs 2012
    - Budget 2013
    - Budget 2012
    - CategoryShortened by Budget 2012 and Budget 2013
4. In Navy
    - % Budget 2013 vs 2012
    - Budget 2013
    - Budget 2012
    - CategoryShortened by Budget 2012 and Budget 2013

5. In Air Force
    - % Budget 2013 vs 2012
    - Budget 2013
    - Budget 2012

- CategoryShortened by Budget 2012 and Budget 2013
  -
6. In Marine Crop
   - % Budget 2013 vs 2012
   - Budget 2013
   - Budget 2012
   - CategoryShortened by Budget 2012 and Budget 2013
   -
7. In National Guard
   - % Budget 2013 vs 2012
   - Budget 2013
   - Budget 2012
   - CategoryShortened by Budget 2012 and Budget 2013

Military Personnel:
1. Organization By % FY 2013
2. Organization By Amount FY 2013
3. Organization By Budget 2013, Annualized 2012 total
4. Contingency Spending-> Organization by FYOCO 2012 and FYOCO 2013

Military Construction:
1. TreeMap: Organization and FaclityCategoryTitle by budget
2. Authorized of Appropriation: Organization by AppnAmount
3. Authorized Amount: Organization by Fiscal year by AuthAmount

Operation & Maintenance:
1. Activity Group: AGtitle by FYTotal
2. Activity Group: AGtitle by FYBase
3. FY 2012 Annualized Total: AGtitle by FYTotal Year 2012
4. Table -> Budget Activity, Activity Group, Army, Navy, Air Force, Marine Corps

3.2. Non - Functional:

- Create Landing Page
- Create Action for Navigation Page.
- Consistent Layout, Look and Feel
- Dynamic Button to Change YTD, MTD, QTD.
- Make Adhoc table 2-3 Dimensions and 2-3 measures.
- Clear all and Selection button in every Sheets

3.3. Filter:

Report Level Filter:
- Organization
- Budget Activity
- Budget Sub Activity

3.4. Security Rules:
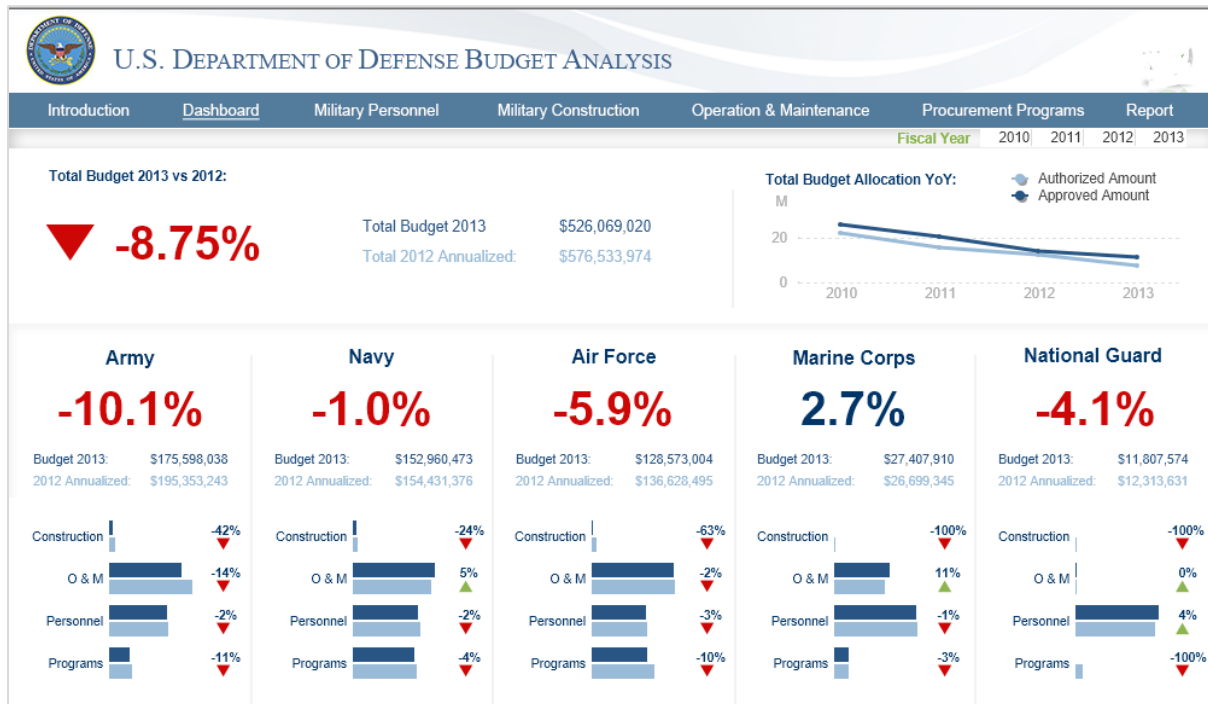
Dynamic RLS by Organization

3.5. Key Formulas:

- **Authorized Amount:** AuthAmount
- **Approved Amount:** AppnAmount
- **Budget Amount:** FYTotal
- **Organization:** Navy, Army, AF
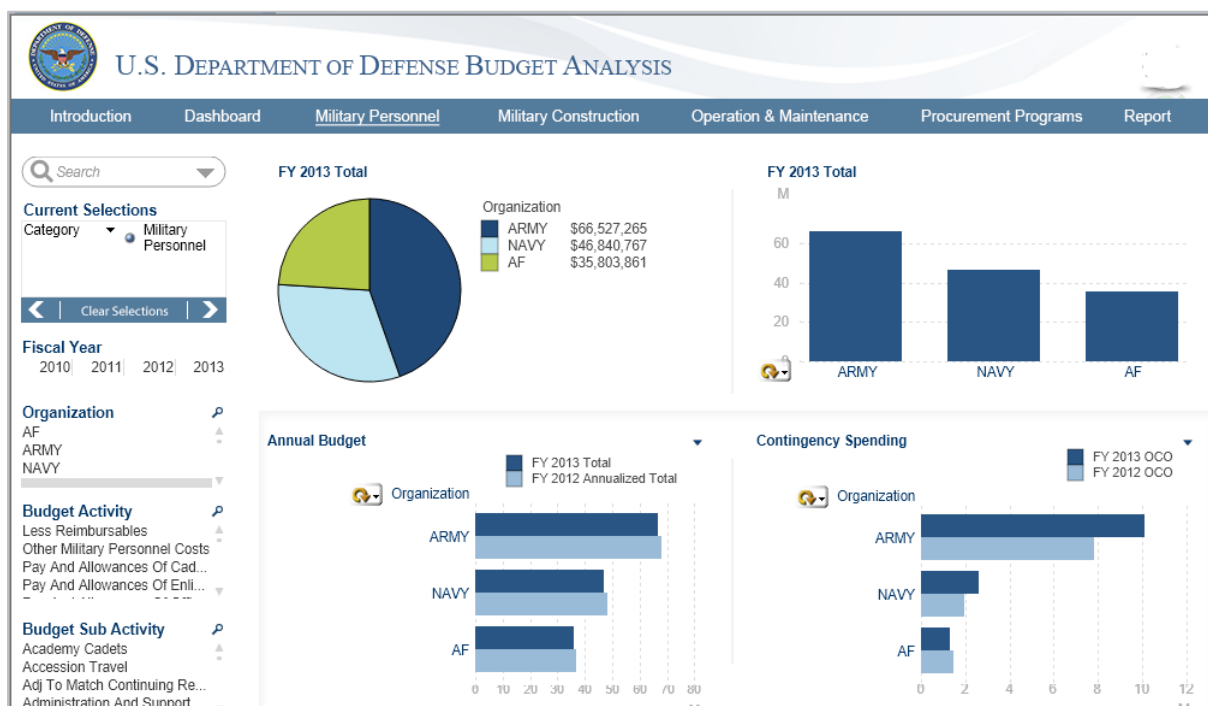- **Contingency Spending:** FYOCO
- **Base:** FYBase

4. Samples:

The below should be taken as reference only. The students must showcase their design capabilities beyond this. Please note few features may not be available in Power BI, Student must find alternative to find solution.
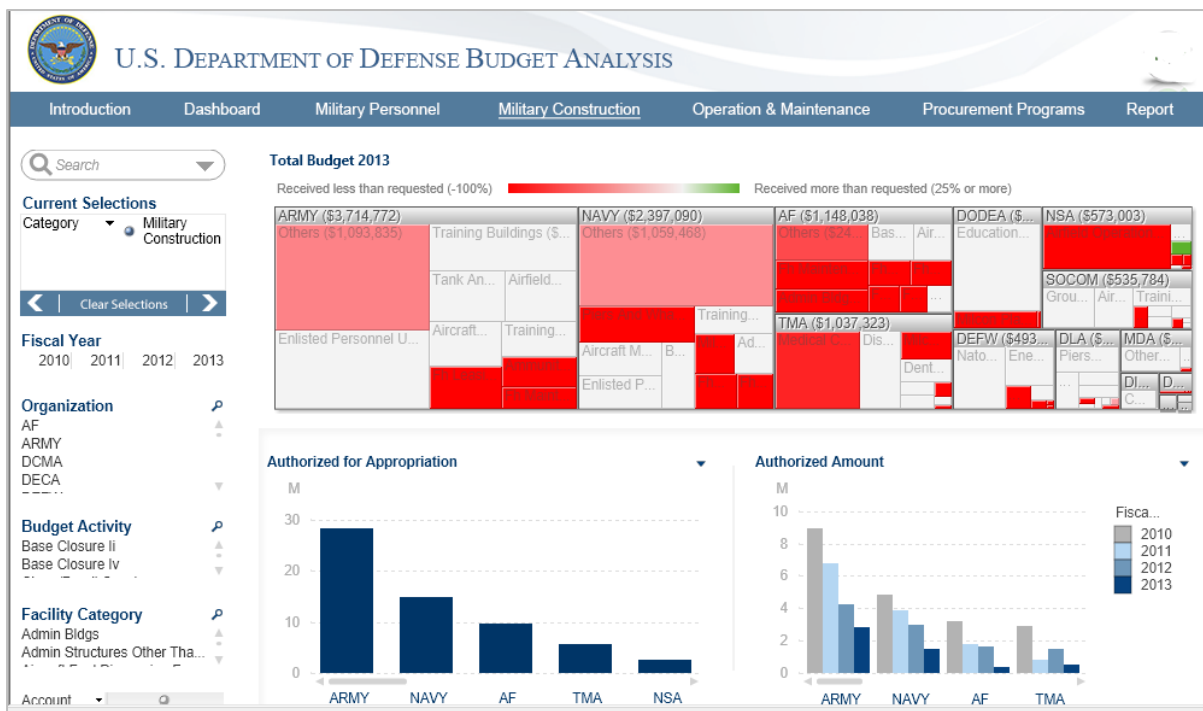
4.1. Sample 1:

4.2. Sample 2:

4.3. Sample 3:

END OF THE DOCUMENT