

I. Objective

The objective of the Financial Data Mart (FDM) is to ease information access and summarize Financial information in order to better serve the administrative and campus offices. This will be done by creating a data architecture that enables all types of reporting and information access over many different phases. The implementation process may span multiple years but delivers business value in 3 month cycles in parallel with the progressive, staged implementation of the DW architecture. This value is in the form of data access and report generation. It will enable Managerial and Operational reporting on a daily, weekly or monthly basis as needed.

OFA intends that ultimately all of its official as well as analytical reporting, with the exception of the University's financial statements, will be done by GUARD. The financial data mart validation will be to compare the trail balance from P/S and the data set contained in GUARD. The official version of the University's financial statements will continue to be produced by the PeopleSoft system.

Reporting requirements will be documented by developing sets of business questions, augmented with a cataloged list of queries obtained from GUESS, OFA's current source of analytical information. Building all of the functionality found in Guess will take many phases of the EDW project.

II. Project Scope

Development of three main database structures (stars) containing the most important financial information to achieve the above objective.

1. GL Transaction detail Star

Because of it is the base and underlying nature of most financial transactions: general ledger detail transactions should be the first data set in the Financial Data Mart (GUARD). This information shows the university's actual transaction detail (spending).

2. Ledger Star

Summarization of the General Ledger detailed transactions is very useful for higher level analytic, like running the university's actual rate of spending to determine levels of cash on hand needed..

3. Budget Star

A complete picture of Georgetown's current budget model. Understanding how you intend to spend you money over the course of a fiscal year (and in comparison to previous years...) is very valuable.

Initial Data set used: All data since PeopleSoft implementation (and new data moving forward). This would include partial FY1999, complete FY2000, and current FY2001 . Historical data to be reviewed and migrated in next phase.

Tool Deployed: The Cognos tools used to deliver the solution will be Impromptu Web Reports (IWR) and PowerPlay Web, both accessed via the Cognos portal called "Upfront". This solution will have reports and cubes available from a central repository and accessible via the portal. For more information on the Cognos Tool set, go to the following Data Warehouse Web page:
<http://www.georgetown.edu/uis/ia/dw/Cognostoolset.html>

User set: The initial rollout for this project will be to Financial Affairs and campuses Fiscal Officers.

A. Financial Affairs - 23

VP & TREASURER OFFICE

Nicole Mandeville

Elaine Ziegler

UNIVERSITY FINANCIAL SYSTEMS

Jim Tuccy

Wayne Mircoff

Barbara Barrett

Juanita Johnson

ADMINISTRATIVE SERVICES

Lennie Carter

Accounts Payable

Maleka Weatherspoon

Payroll

Anne Bracy

Cost Accounting

Purchasing and Contracts

Paul Harrison

Ray Rosario

Sponsored Accounting

Clairice Lloyd

FINANCIAL ACCOUNTING SERVICES

Mary Garretson

General Accounting

Ray Carter

Ken Suski

Property Accounting

Student Accounts

Carol Miller

Tax Accounting

John Kotwicki

FINANCE AND INVESTMENTS

Earnie Porta

Financial Analysis

Mary Beth Fargo

June Yoon

Treasurer Operations

Rosalyn Furukawa

Bursar

Hazel Bryant

RISK SERVICES

Bill Wood

- B. Campus (Fiscal Officers – 3)
 - MC - Mieke Martinez
 - LAW - Linda Davidson
 - MED - Pim Thukral

Security: There are two main areas for security to be addressed: Authentication & Authorization. The Cognos tool set will authenticate automatically against GU LDAP services already in place (NetID). This will be done by the DW Team in conjunction with Cognos consultants and is part of the long term integration process. The GUARD Implementation team's primary focus will be authorization.

III. Business Questions

- ❖ What are the total revenues/expenses received to date law-center wide for the different revenue/expense classifications (i.e. auxiliary enterprise, tuition, endowment, salaries, supplies, equipment, etc.)? How does that compare to budget (OAB & CAB)?
- ❖ What is the activity for a given period (user specified) for a specific cost center, or group of cost centers?
- ❖ What is the activity (transaction detail) for a specific general ledger account code, (i.e. taxes, accounts receivable, petty cash, etc.)
- ❖ What are the total transactions for a specific cost center for a given period, sorted alphabetically? Tuition/Financial Aid, reconciliation...
- ❖ What is the year to date activity for a specific cost center or group of cost center and how does that compare to last year for the same period?
- ❖ What are the total gifts received for a specific cost center during a specific period? by a specific donor?
- ❖ Special Funds Report
 - Generic Special Funds detail report
 - SF Deficit Report - Which Special Funds have a net deficit balance greater then \$1000?
- ❖ Operating Statement (by financial statement categories and in the management format)
- ❖ Budgetary Accounts by Organization (Medical Center: Activity Summary (in total, by area, by department)
- ❖ Transfer Report
- ❖ Principal Investigator Activity Report
- ❖ RX Cost Center Employee report
- ❖ Transaction Summary by fund category

- ❖ What is the period to date total salary activity (base salary, other earning) for a specific employee?
- ❖ What is the period to date activity for a specific payroll class code?