

Group Retirement Saving Data Warehouse

Concordia University

CEBD 1250 – Team project presentation

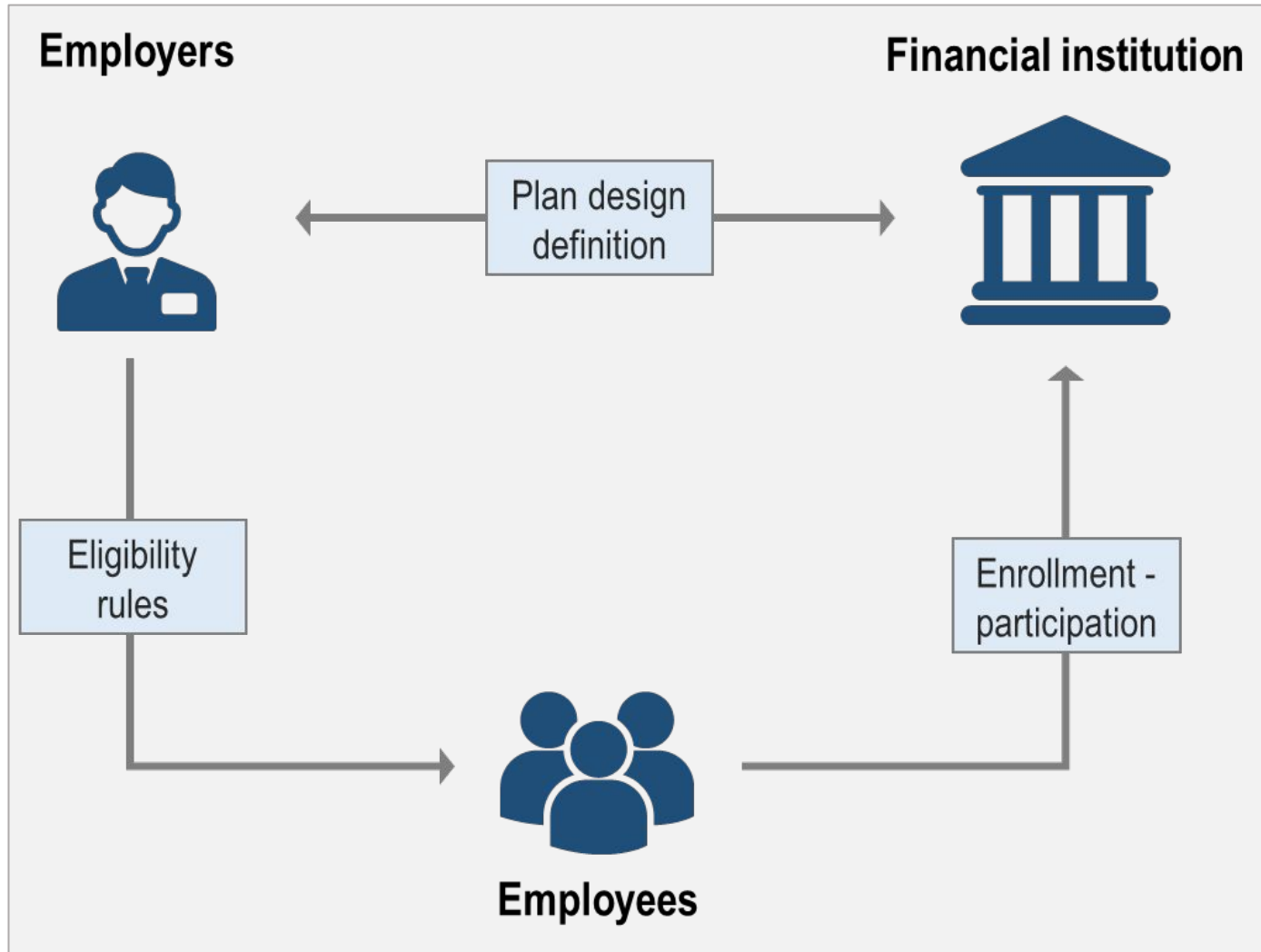
03/24/2019

Presented by:

William Acosta (40110286)

Adel Tibourtine (40068607)

Overview on the GRS business model



Financial institution

Increase **revenues** through management and administration fees

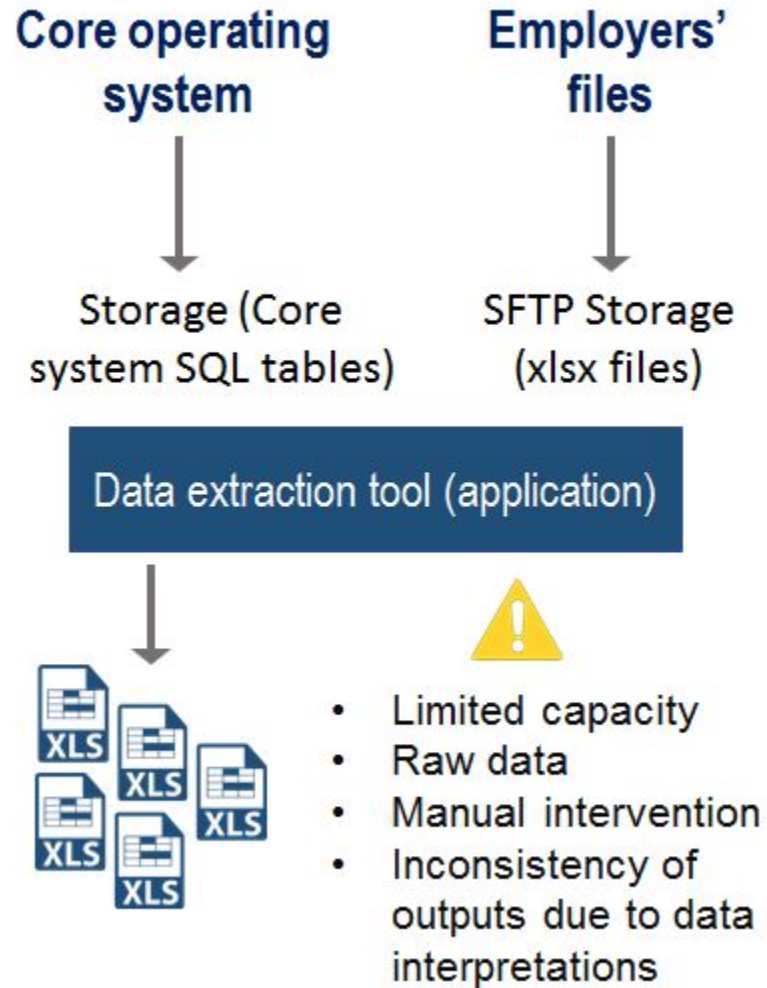
Employers

Increase staff **retention** and employees financial wellness

Employees

Reach financial objectives
And **retirement** revenues

Context and objectives



End users profiles

Financial advisors
Market research
Customer relationship managers
Leadership

Business objectives

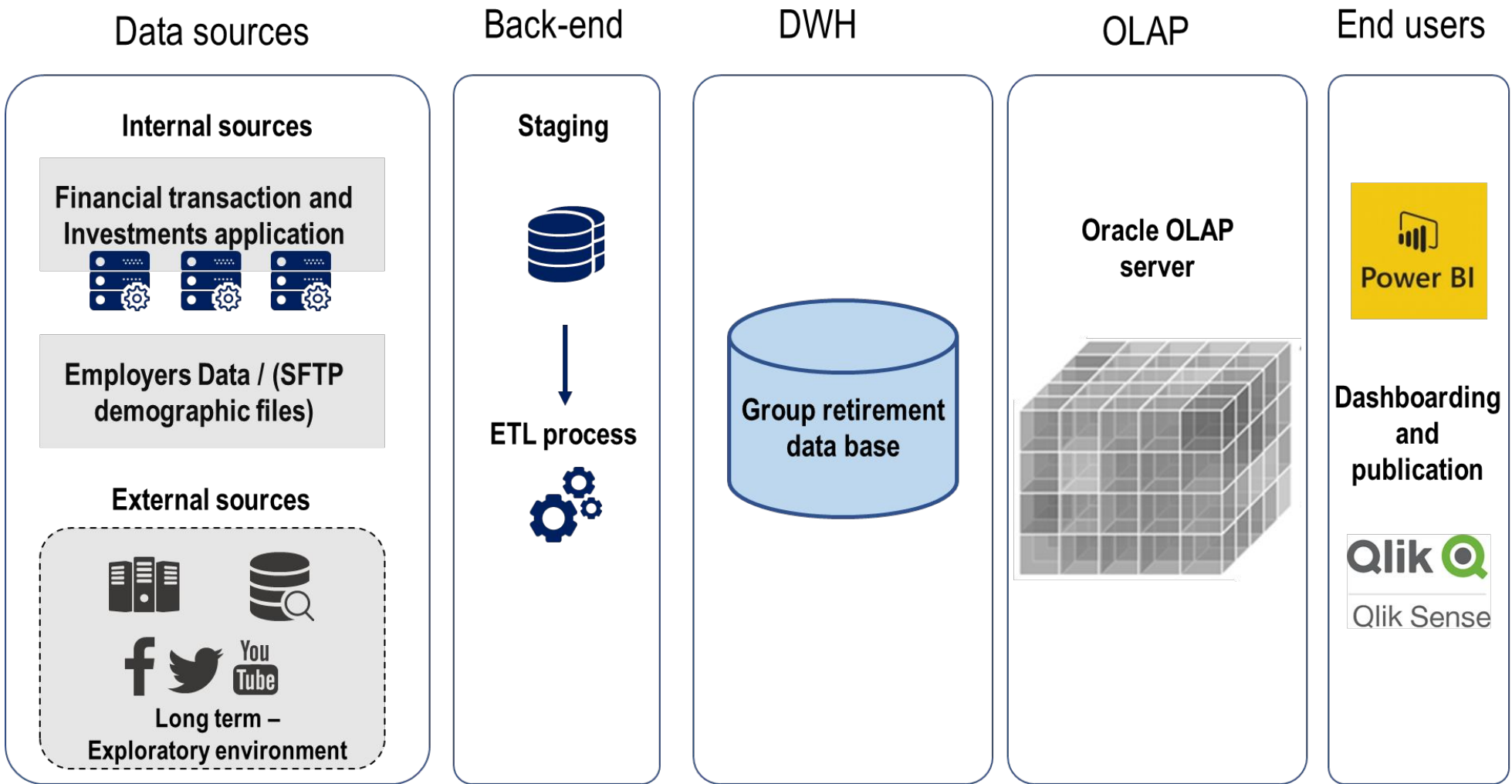
Performance measurement
Data consistency
Ready to use dashboards
Provide end-users with “codeless” user interface
Improve data use and analytics
Dashboard publications to external users

Main design decisions

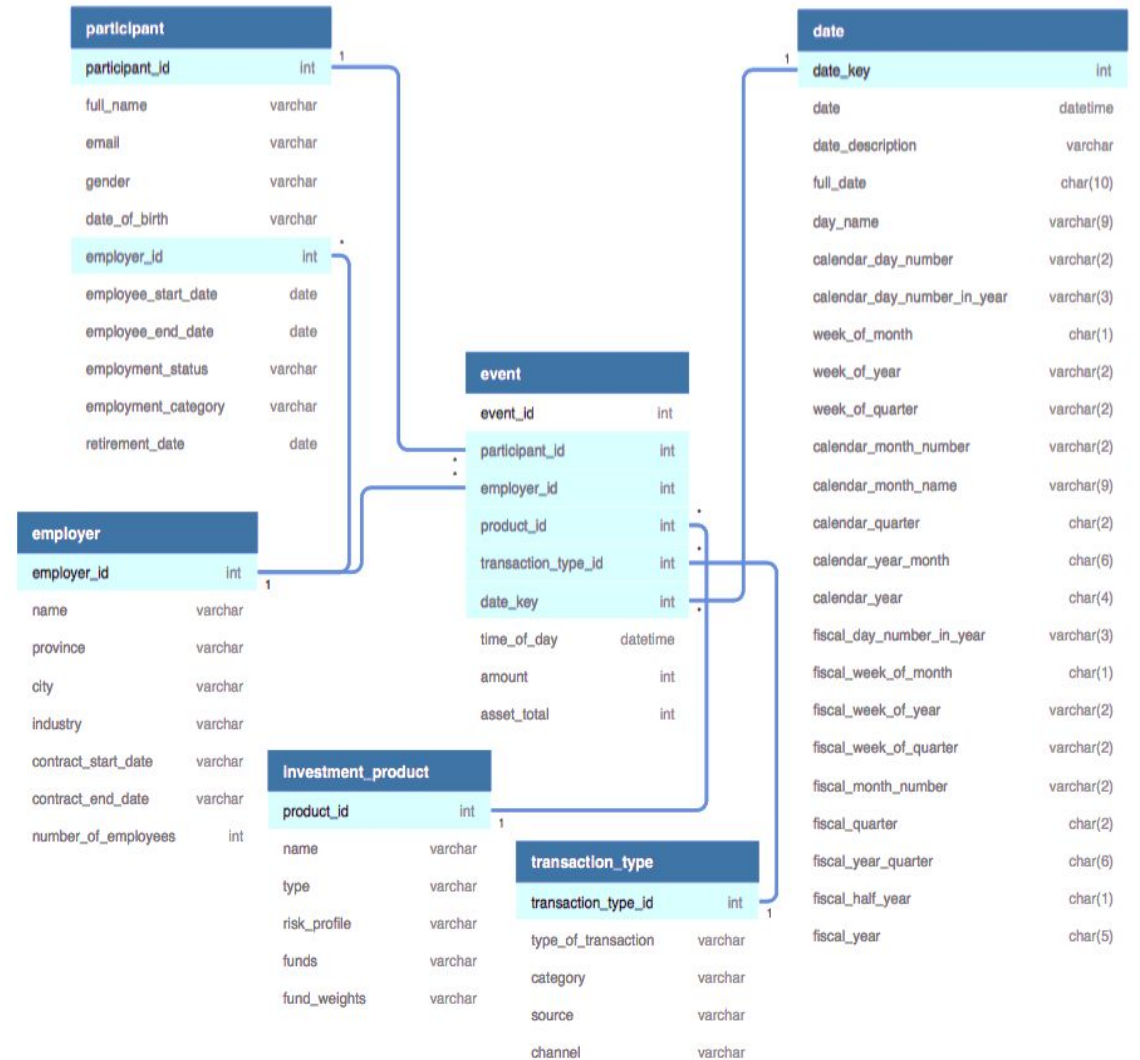
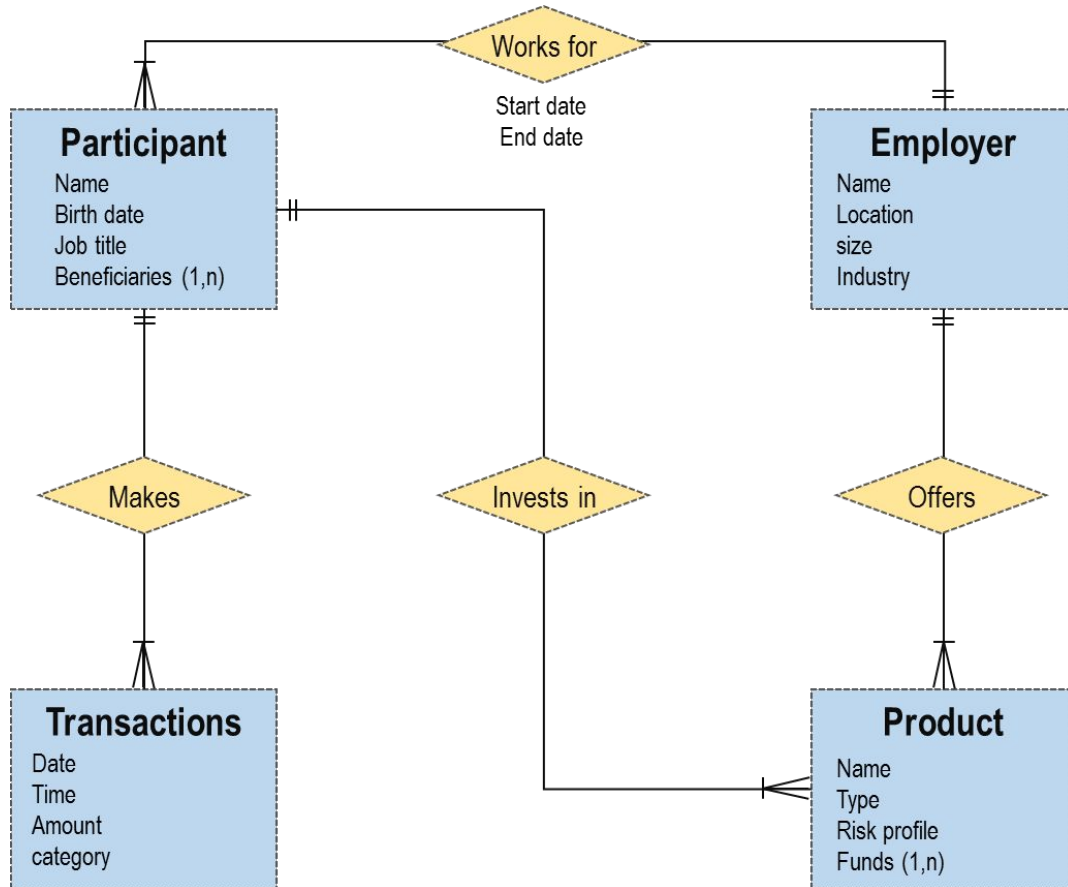
- Monthly batch ETL process
- Relational SQL database
- Warm data temperature
- SSD technology
- Oracle SQL Technology
- Oracle OLAP server
- Microsoft Power BI + Qlik



DWH design



UML – Conceptual design and Logical Data Model





Roles and Responsibilities

Database administrator

Monitoring and maintenance

System administrator

backup procedures, security and access policies

End-users / analysts

Dashboards and reports publication
AdHoc and ongoing analysis

Thank you