

# Labour Force Survey CAPI – CATI Integration Project

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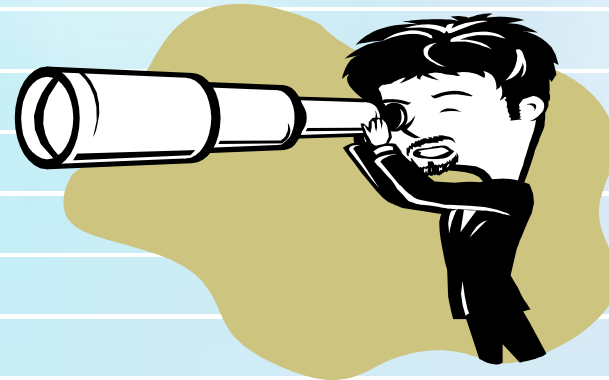
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# Overview

- Background
- Redesign Objectives
- Conceptual Model
- Development Challenges
- Implementation
- Conclusion



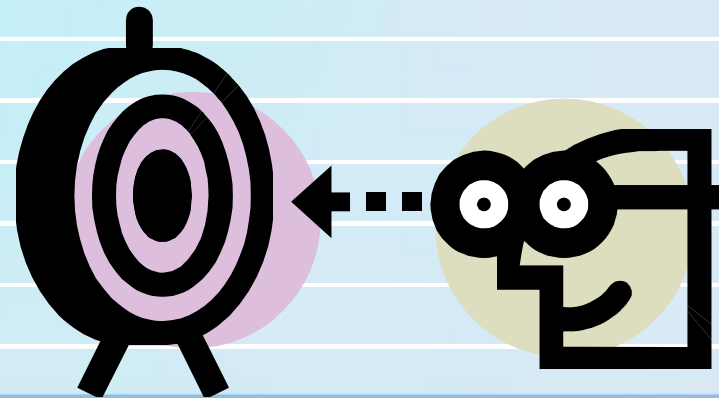
## Background

- Consolidation of telephone interviewing in Regional Offices
- Insufficient time for complete design for full CATI system
- Interim measure → Centralize CAPI (no call scheduler)
  - Shared workstations, inefficient workload assignment in Regional offices



## Redesign Objectives

- One collection system for both CAPI and CATI environments
- Call scheduler (no more pseudo-CATI)
- Ability to transfer cases between platforms
- Surveys can share samples



## Redesign Objectives (LFS CCI)

- Two collection systems for CAPI and CATI environments
- Call scheduler (no more pseudo-CATI)
- Ability to transfer cases from CATI to CAPI (one way Transfer)
- Surveys can share samples
  - Receive data and track progress individually



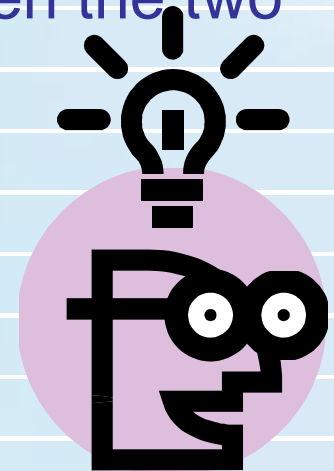
# Existing infrastructures

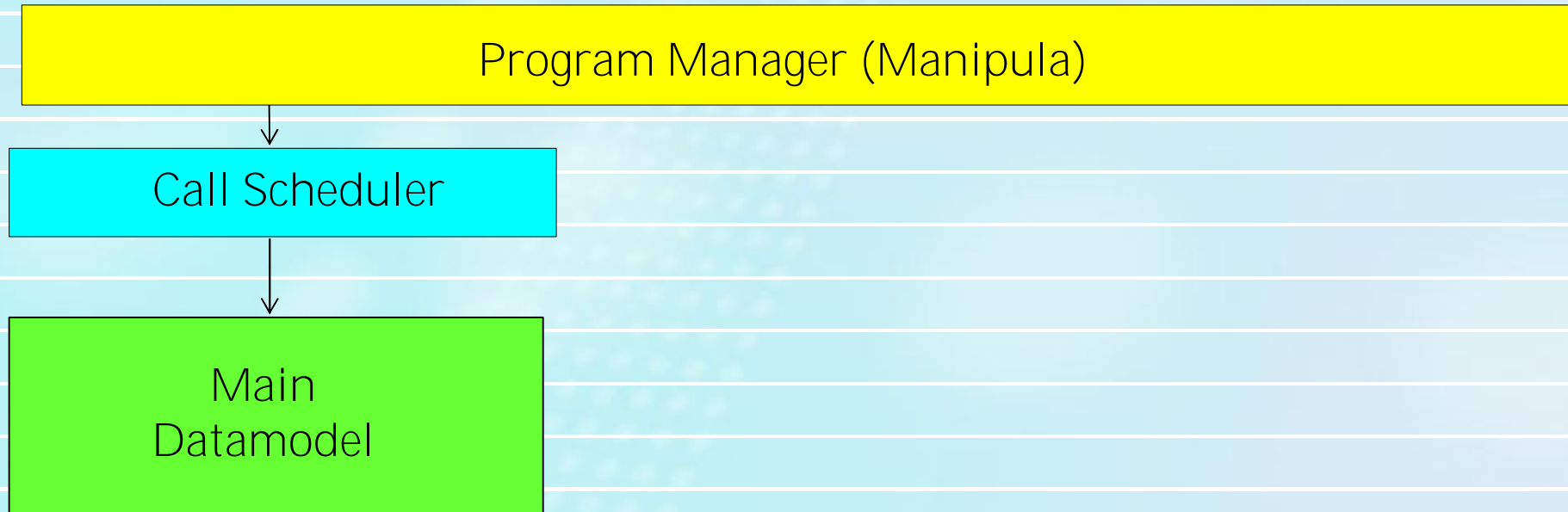
- CAPI vs. CATI
  - Case storage
  - Case management
  - Sample sharing
  - Survey collection applications



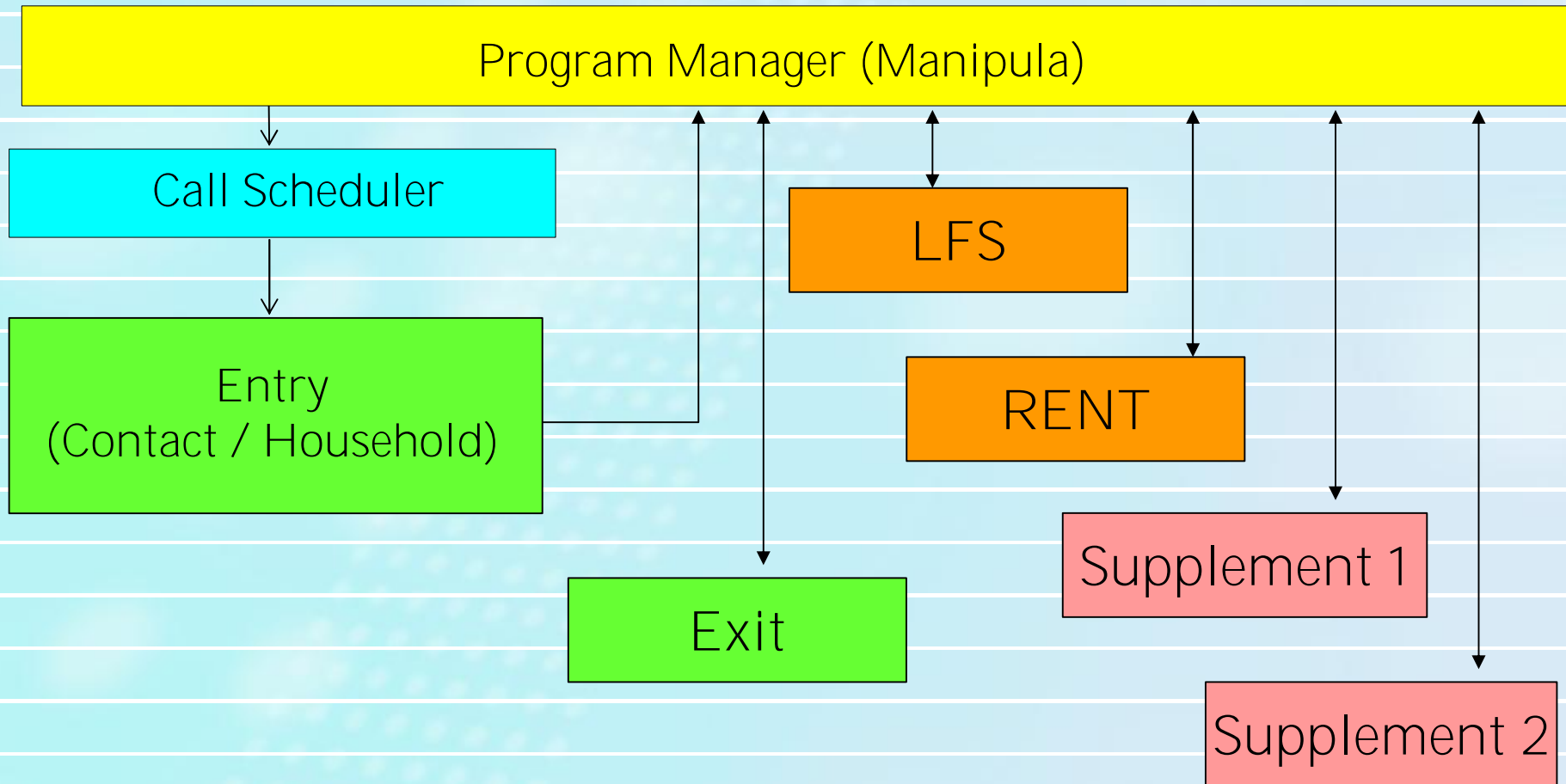
# Conceptual Model

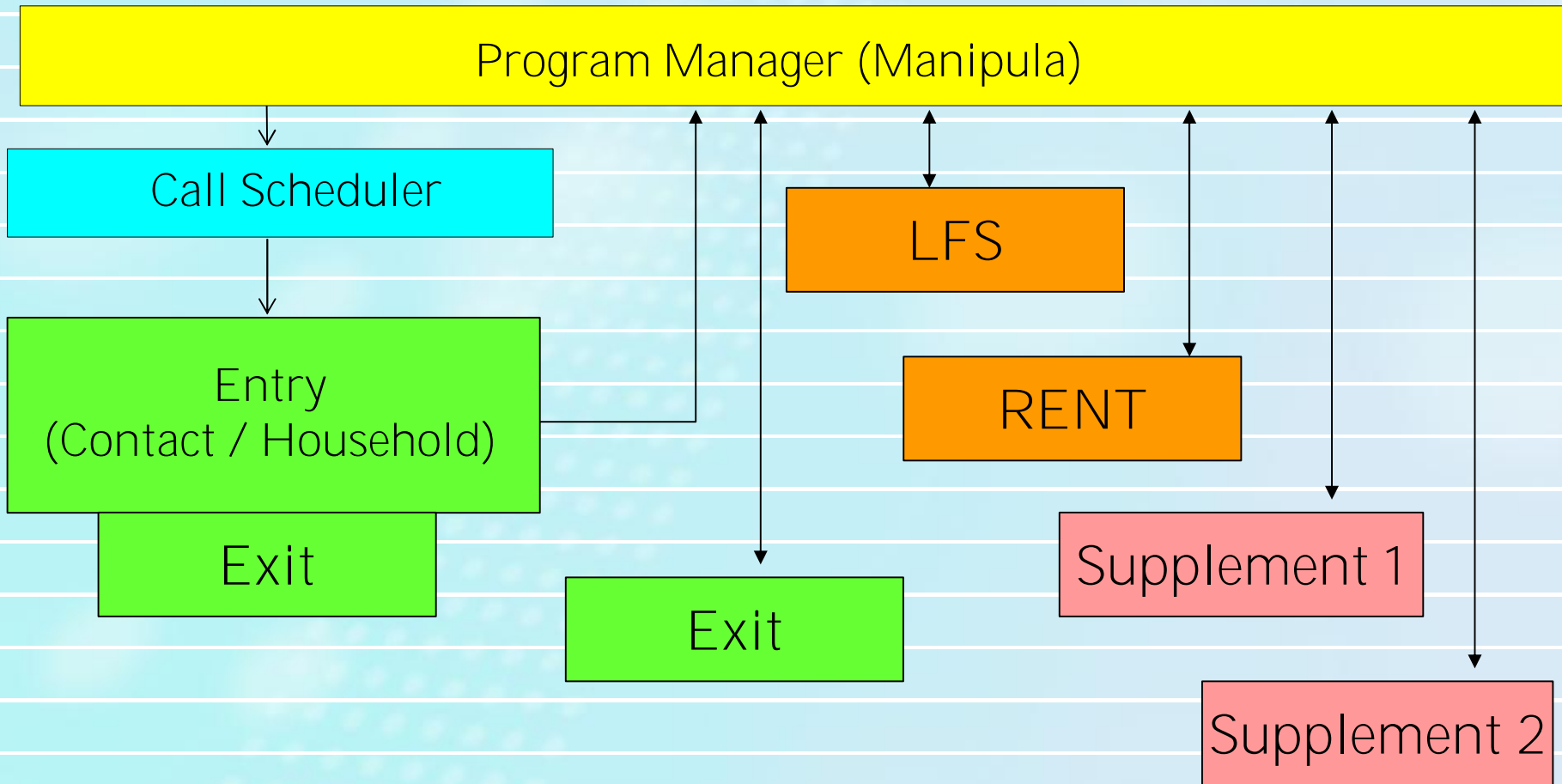
- Based on the Existing CAPI application
  - Multi-datamodel Approach
  - Maximize the reuse of the existing source code
  - Keep a high degree of consistency between the two systems



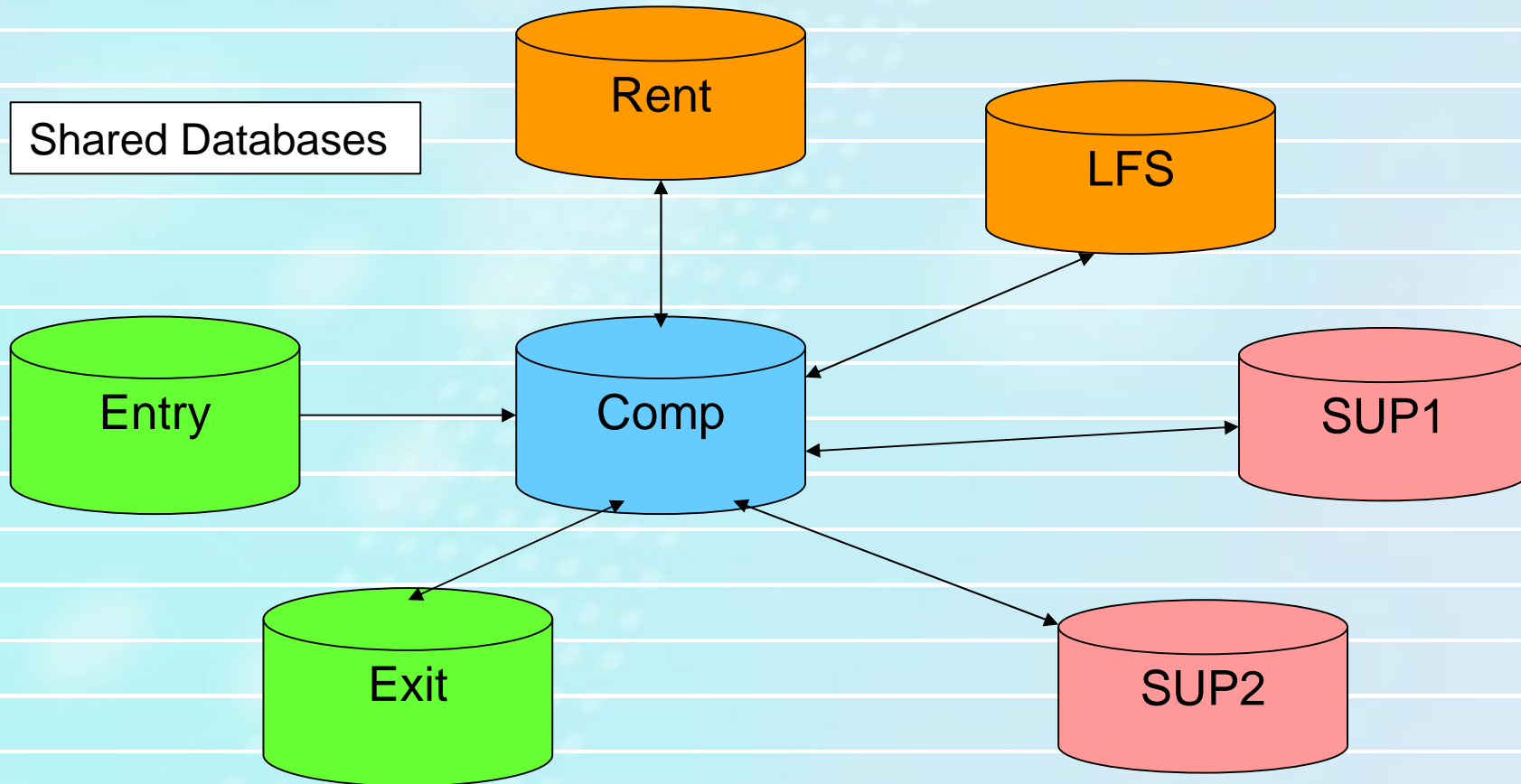




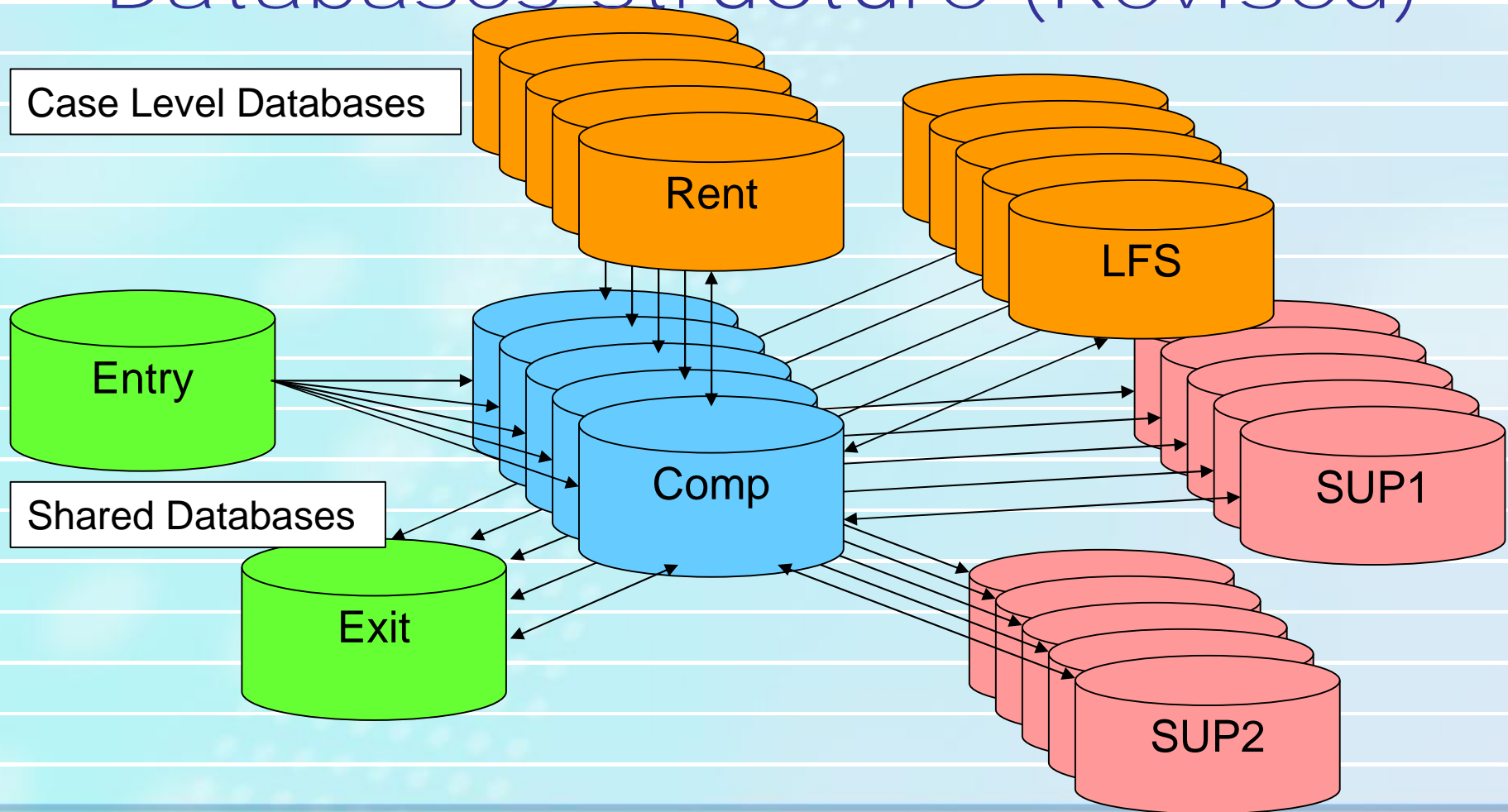




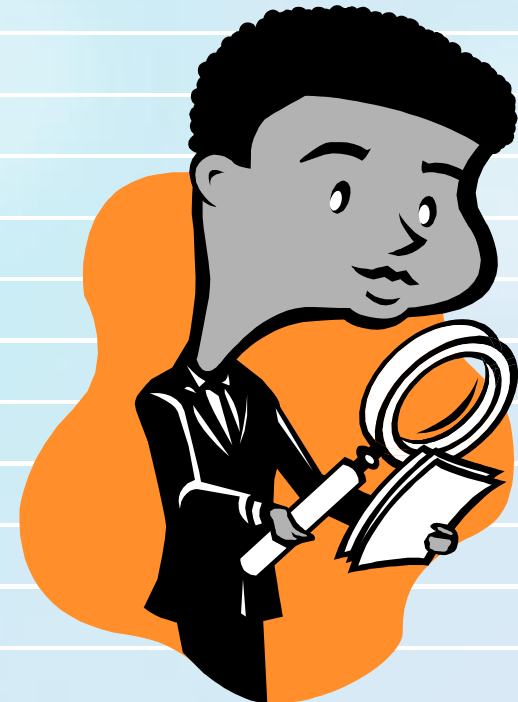
# Databases structure (Initial)



# Databases structure (Revised)

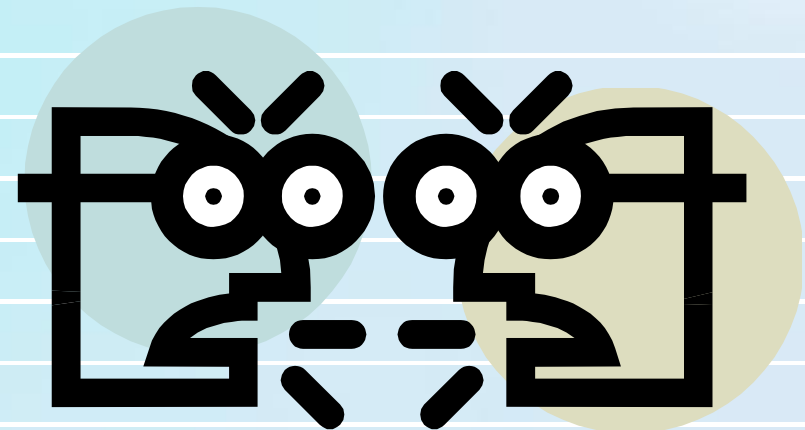


- Reporting System
  - Blaise history file (Bth)
  - Monthly Supplementary Surveys



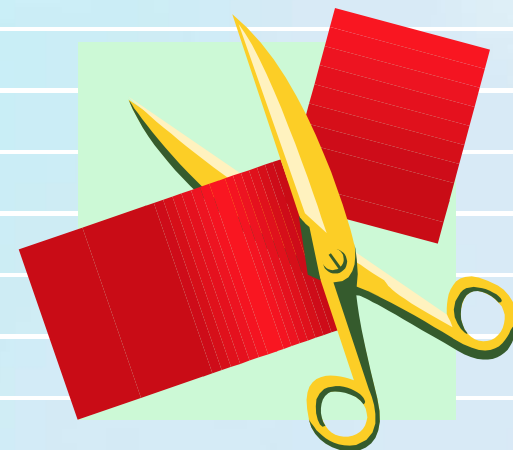
# Development Challenges

- Transferring Cases
  - One-way transfer
  - Incompatibility of CATI and CAPI infrastructures
  - Data transfer



# Implementation

- Phased approach
  - Started in March 2005 in one regional office
  - The system was fully deployed in September 2005



## Conclusion

- Early impression of the CCI application
- Future development challenges
  - Performance
  - Preferred Time to Call
  - Multi-mode infrastructure





# Questions

