Business School
UNIVERSITY OF COLORADO DENVER

Information Systems Program

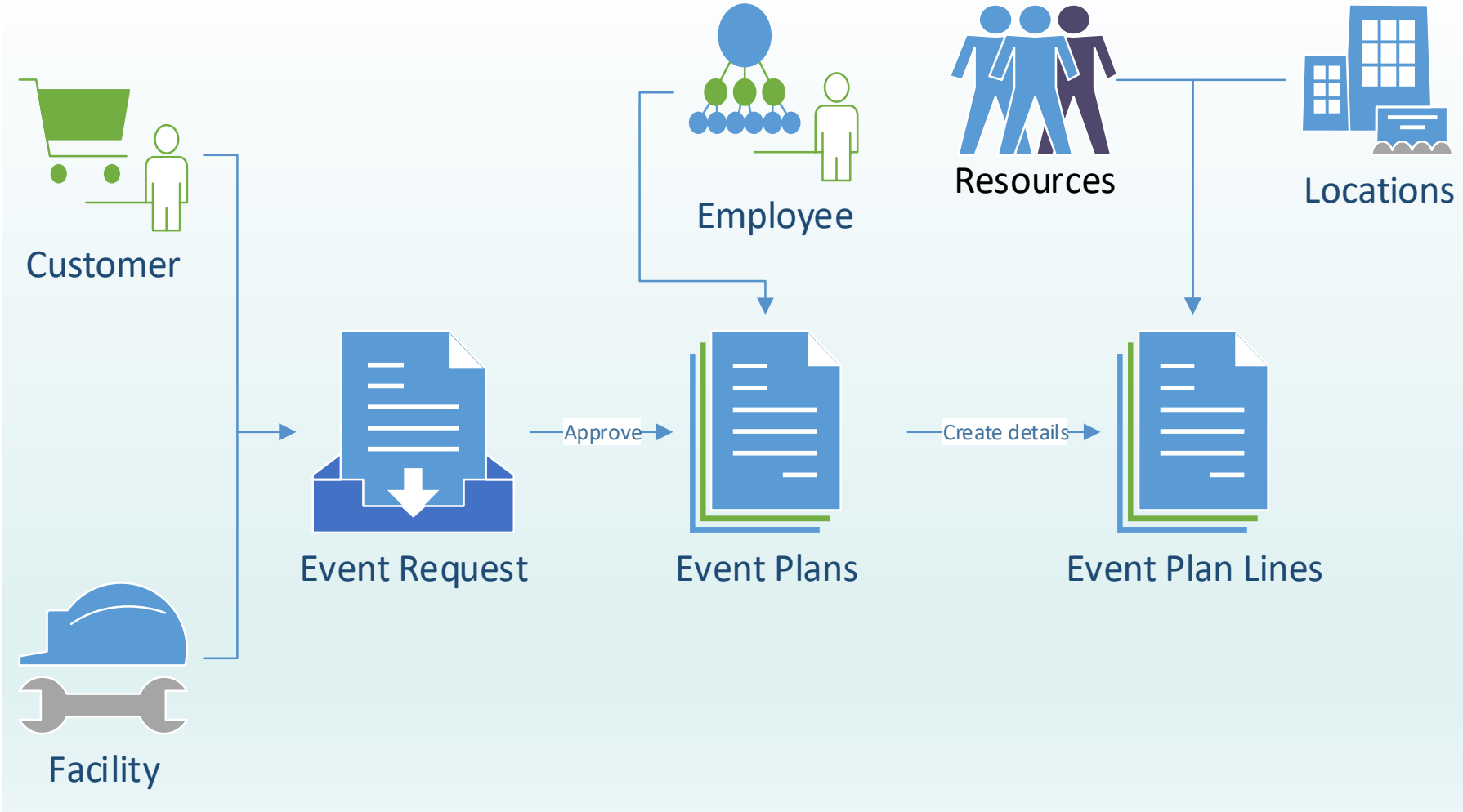
Module 3
Relational Data Model and CREATE TABLE Statement

Lesson 5: Assignment 1 Notes

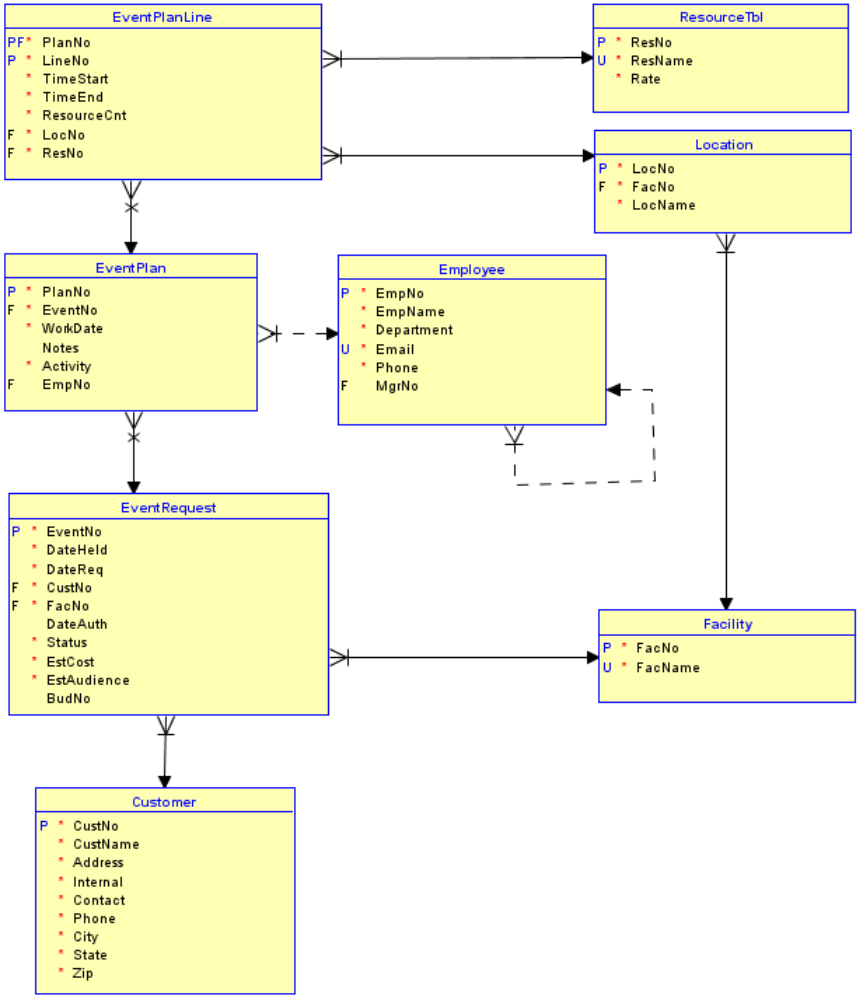
Lesson Objectives

- Understand assignment 1 requirements
- Study documentation about the assignment database (Intercollegiate Athletic Database)

Intercollegiate Athletic Work Flow



Intercollegiate Athletic Database Diagram



Assignment 1 Requirements

- Use Oracle Cloud or PostgreSQL
- Write CREATE TABLE statements
  - Correct syntax
  - Appropriate data types
  - Named constraints
  - Write directly without using visual interface
- Execute SQL INSERT statements to populate tables

Constraint Requirements

- PK
- FK
- NOT NULL
- CHECK
- Names for at least PK and FK constraints

Summary

- Practical skills with creating tables
- Importance of CREATE TABLE statement
- Importance of practice to develop knowledge and skills
- Familiarity with ICA DB for assignment 1