Specifying data requirements

Chapter 13

Entity-Relationship Diagram (Chen)

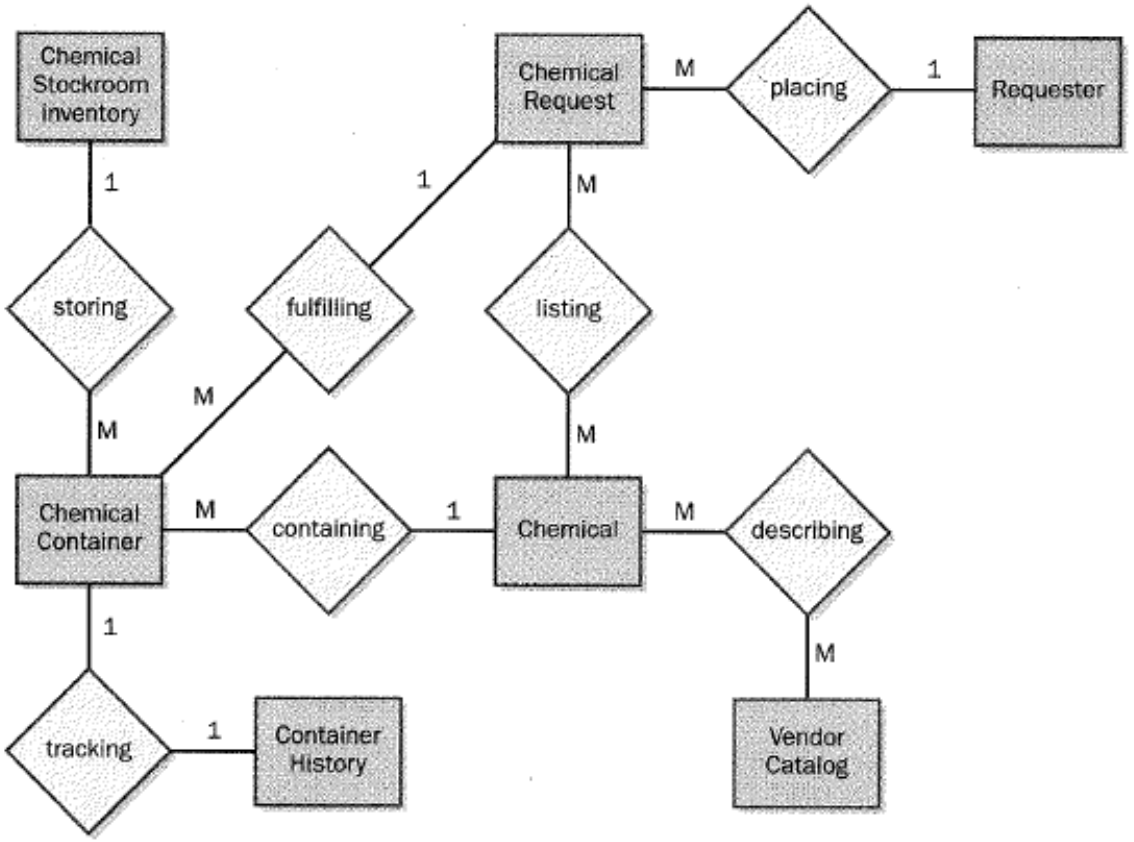
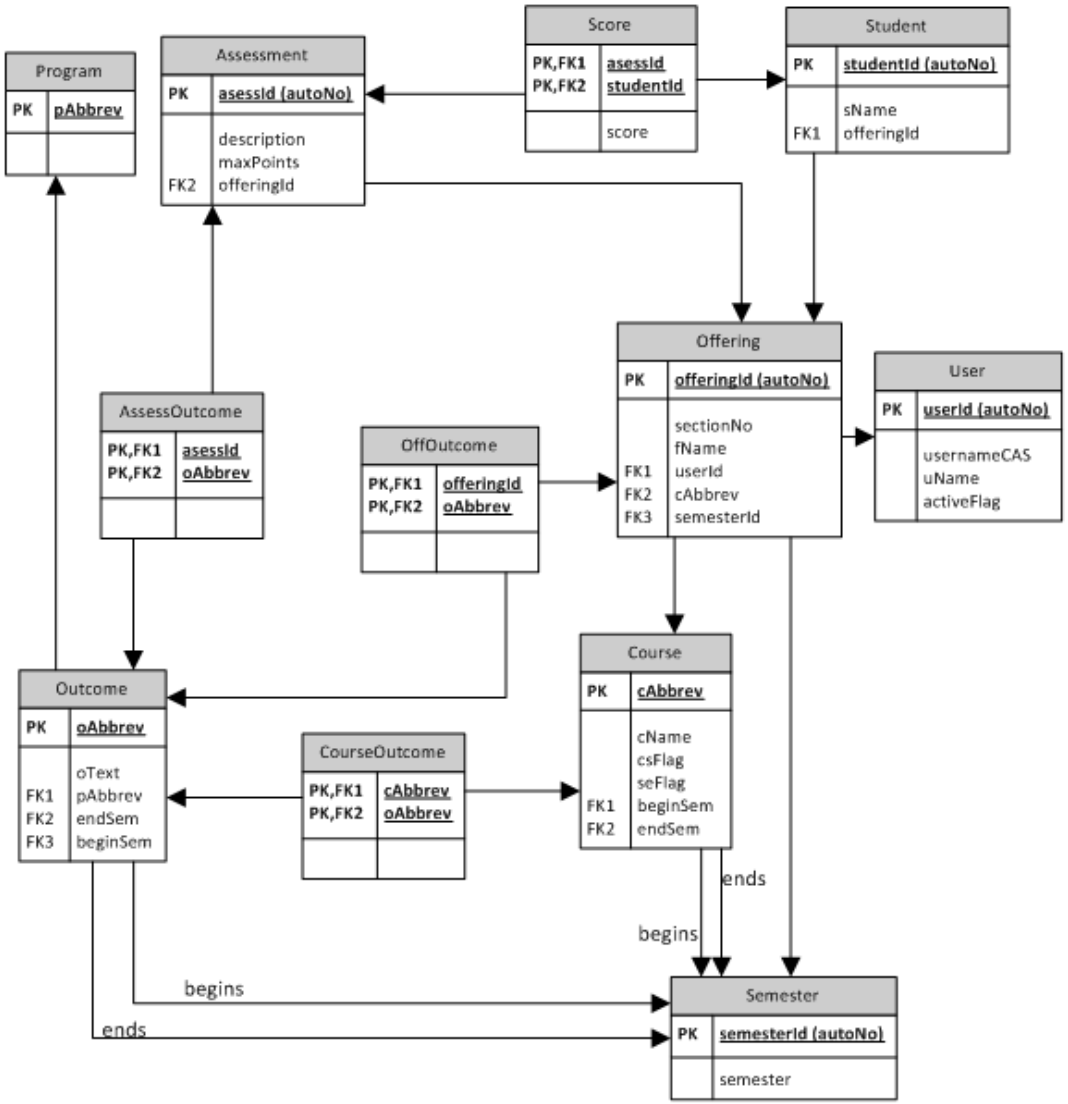


Figure 11-2 Partial entity-relationship diagram for the Chemical Tracking System.

AbOut DB Schema

Low Level
5/25/2012



Sample CRUD Matrix

Use Case \ Entity	Order	Chemical	Requester	Vendor Catalog
Place Order	C	R	R	R
Change Order	U, D		R	R
Manage Chemical Inventory		C, U, D		
Report on Orders	R	R	R	
Edit Requesters			C, U	

FIGURE 13-5 Sample CRUD matrix for the Chemical Tracking System.

SRS template

Appendices

A – Definitions, Acronyms and Abbreviations

B – Analysis models

C - Data Dictionary

D – Report Specification (optional)

E – Business Rules (optional)

F - Sample User Interface (optional)

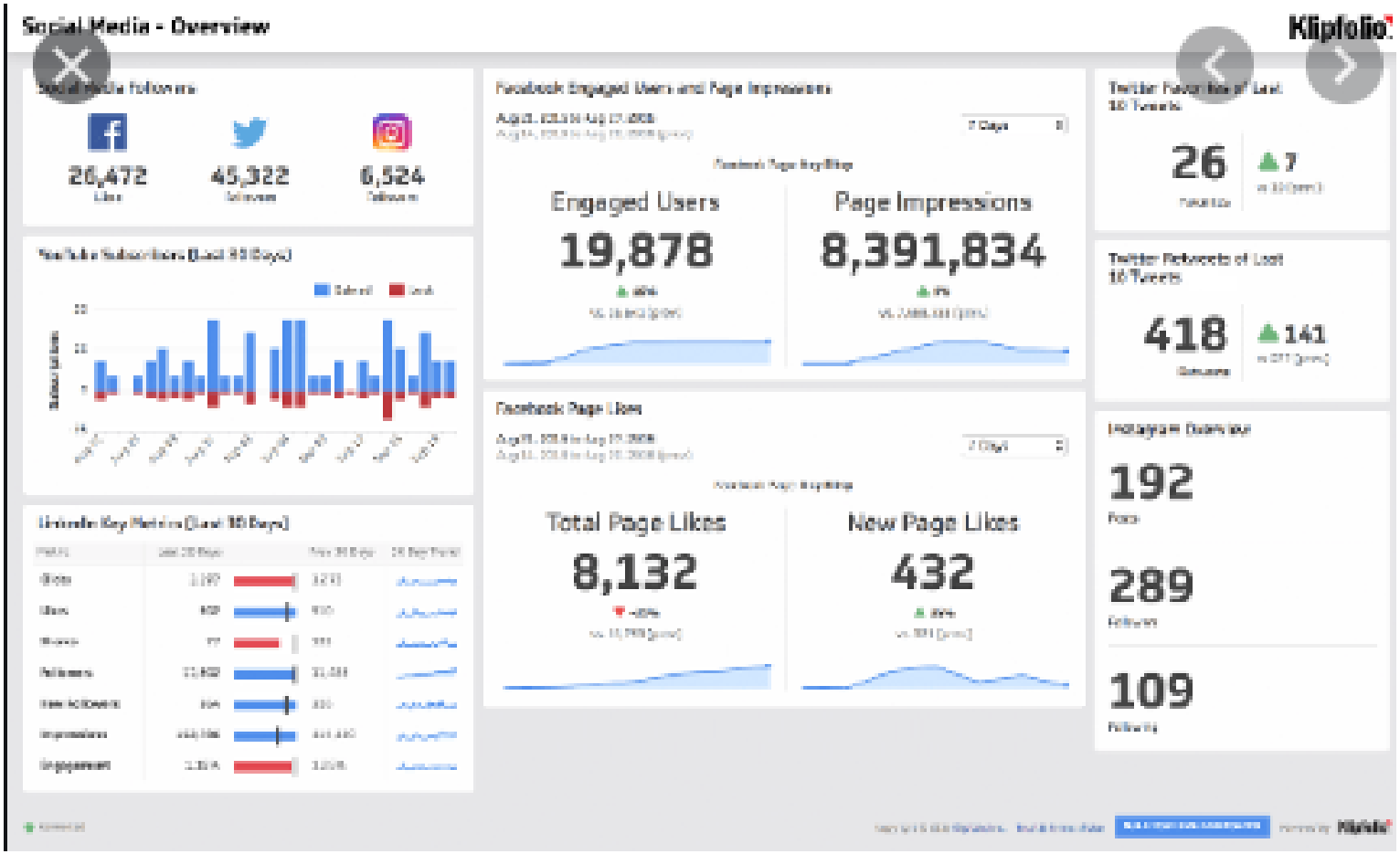
G - Issues

Data Dictionary

Data Element	Description	Composition or Data type	Length	Values
Name of data item being defined	*Textual description of the business meaning of the data element*	*For primitive data elements: data type (integer, floating point, alphabetic, date, etc.) and, as appropriate, format (e.g. date as MM/DD/YYYY).* *For data structures show the components that comprise the structure. ,*	*Maximum number of characters for primitives; blank for structures*	*List of allowed values, default, rules governing legal values, and any other description of the data values*

Report Specification

Report ID:	
Report Title:	
Report Purpose:	
Data Sources:	
Frequency and Disposition:	
Latency:	
Visual Layout:	
Header and Footer:	
Report Body:	
End-of-Report Indicator:	
Interactivity:	
Security Access Restrictions:	

Dashboard Reporting

Dashboard Reporting