Adrian Grimm

#3 Case Study

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\*\* SECTION A \*\*

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CREATE TABLE Aliases (

Alias\_ID NUMBER (6),

Criminal\_ID NUMBER (6),

Alias VARCHAR2 (10)

);

CREATE TABLE Criminals (

Criminal\_ID NUMBER (6),

Last VARCHAR2 (15),

First VARCHAR2 (10),

Street VARCHAR2 (30),

City VARCHAR2 (20),

State CHAR (2),

ZIP CHAR (5),

PHONE CHAR (10),

V\_status CHAR (1) DEFAULT 'N',

P\_status CHAR (1) DEFAULT 'N'

);

CREATE TABLE Crimes (

Crime\_ID NUMBER (9),

Criminal\_ID NUMBER (6),

Classification CHAR (1),

Data\_Charged Date,

Status CHAR (2),

Hearing\_Date Date,

Appeal\_cut\_date Date

);

CREATE TABLE Sentences (

Sentence\_ID NUMBER (6),

Criminal\_ID NUMBER (6),

Type CHAR (1),

Prob\_ID NUMBER (5),

Start\_date Date,

End\_date Date,

Violations NUMBER (3)

);

CREATE TABLE Prob\_officers (

Prob\_ID NUMBER (5),

Last VARCHAR2 (15),

First VARCHAR2 (10),

Street VARCHAR2 (30),

City VARCHAR2 (20),

State CHAR (2),

ZIP CHAR (5),

Email VARCHAR2 (30),

Status CHAR (1) DEFAULT 'A'

);

CREATE TABLE Crime\_charges (

Charge\_ID NUMBER (10),

Crime\_ID NUMBER (9),

Crime\_code NUMBER (3),

Charge\_status CHAR (2),

Fine\_amount NUMBER (7),

Court\_fee NUMBER (7),

Pay\_due\_date Date

);

CREATE TABLE Crime\_officers (

Crime\_ID NUMBER (9),

Officer\_ID NUMBER (8)

);

CREATE TABLE Officers (

Officer\_ID NUMBER (8),

Last VARCHAR (15),

First VARCHAR (10),

Precinct CHAR (4),

Badge VARCHAR (14),

Phone CHAR (10),

Status CHAR (1) DEFAULT 'A'

);

CREATE TABLE Appeals (

Appeal\_ID NUMBER (5),

Crime\_ID NUMBER (9),

Filing\_date Date,

Hearing\_Date Date,

Status CHAR (1) DEFAULT 'P'

);

CREATE TABLE Crime\_codes (

Crime\_code NUMBER (3),

Code\_description VARCHAR (30)

);

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\*\* SECTION B \*\*

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ALTER TABLE Crimes

MODIFY (Classification DEFAULT 'U');

ALTER TABLE Crimes

ADD (Date\_Recorded Date);

ALTER TABLE Prob\_officers

ADD (Pager# CHAR (10));

ALTER TABLE Aliases

MODIFY (Alias VARCHAR2 (20));