**Request from the City Jail Information Director**

**Subject**: Establishing a Crime-Tracking Database System

**Check 2nd Page for ER Diagram**

It was a pleasure meeting with you last week. I look forward to working with your company to create

a much-needed crime-tracking system. As you requested, our project group has outlined the

crime-tracking data needs we anticipate.

Our goal is to simplify the process of tracking criminal activity and provide a more efficient mechanism for data analysis and reporting. Please review the data needs outlined below and contact me with any questions.

**Criminals**: name, address, phone number, violent offender status (yes/no), probation status

(yes/no), and aliases

**Crimes**: classification (felony, misdemeanor, other), date charged, appeal status (closed, can

appeal, in appeal), hearing date, appeal cutoff date (always 60 days after the hearing date), arresting

officers (can be more than one officer), crime codes (such as burglary, forgery, assault; hundreds of codes exist), amount of fine, court fee, amount paid, payment due date, and charge status (pending, guilty, not guilty)

**Sentencing**: start date, end date, number of violations (such as not reporting to probation officer),

and type of sentence ( jail period, house arrest, probation)

**Appeals**: appeal filing date, appeal hearing date, status (pending, approved, and disapproved)

**Note**: Each crime case can be appealed up to three times.

**Police officers:** name, precinct, badge number, phone contact, status (active/inactive)

**Additional notes:**

• A single crime can involve multiple crime charges, such as burglary and assault.

• Criminals can be assigned multiple sentences. For example, a criminal might be

required to serve a jail sentence followed by a period of probation.

