

Police Station Database Management System Project

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CSC422: Database Design: Project Deliverable 3

Dr. Allan Gitobu

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FORMAT:

TABLE_NAME(PRIMARY_KEY, ATTRIBUTE1, ATTRIBUTE2....)

DEPENDENCY DIAGRAM

OFFICER(OFFICER#, PHONE_NUM, GENDER, NAME, CERTIFICATION_NUM, ADDRESS, COUNTY, SCHEDULE)

Foreign key: SUP_OFFICER#

OFFICER#	PHONE_NUM	GENDER	NAME	CERTIFICATION_NUM	ADDRESS	COUNTY	SCHEDULE
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OFFICER_NAME(NAME, FIRST_NAME, MIDDLE_INIT, LAST_NAME)

Foreign key: SUP_OFFICER#, OFFICER#

NAME	FIRST_NAME	MIDDLE_INIT	LAST_NAME
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OFFICER_ADDRESS(ADDRESS, HOUSE_NUM, STREET_NAME, ZIP_CODE)

Foreign key: SUP_OFFICER#, OFFICER#

<u>ADDRESS</u>	HOUSE_NUM	STREET_NAME	ZIP_CODE
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OFFICER_SCHEDULE (SCHEDULE, SHIFT, WEEKDAY)

Foreign key: SUP_OFFICER#, OFFICER#

<u>SCHEDULE</u>	SHIFT	WEEKDAY
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CASE(CASE_ID, TIME, ISSUE, CASE STATUS, INVOLVED PARTIES, LOCATION)

FOREIGN KEY: OFFICER#

<u>CASE_ID</u>	TIME	<u>ISSUE</u>	CASE STATUS	INVOLVED PARTIES	LOCATION
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CASE_LOCATION(LOCATION, COUNTY, STREET_ADDRESS, ZIP_CODE, BUILDING_NUM, COORDINATES)

FOREIGN KEY: OFFICER#, CASE_ID, ISSUE

<u>LOCATION</u>	COUNTY	STREET_ADDRESS	ZIP_CODE	BUILDING_NUM	COORDINATES
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CASE_INVOLVED_PARTIES(INVOLVED_PARTIES, VICTIMS, SUSPECTS)

Foreign keys: CASE_ID, ISSUE, OFFICER#

<u>INVOLVED_PARTIES</u>	VICTIMS	SUSPECTS
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CASE_FILE(CASE_FILE, SUSPECT, DOCUMENT_DETAILS, DOCUMENTATION_ID)

Foreign keys: CASE_ID, ISSUE, OFFICER#

<u>CASE_FILE</u>	SUSPECT	DOCUMENT_DETAILS	DOCUMENTATION_ID
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CASE_FILE_SUSPECT(SUSPECT, SUS_ID, AGE, FIRST_NAME, RECORD, LAST_NAME, MIDDLE_INIT)

Foreign keys: CASE_ID, ISSUE, OFFICER#

<u>SUSPECT</u>	SUS_ID	AGE	FIRST_NAME	RECORD	LAST_NAME	MIDDLE_INIT
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CASE_FILE_DOC_DETAILS(DOC_DETAILS, DOC_TYPE, CASE_ID)

Foreign keys: CASE_ID, ISSUE, OFFICER#

<u>DOC_DETAILS</u>	DOC_TYPE	CASE_ID
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EVIDENCE(EVIDENCE, EVIDENCE_ID, CASE_ID, EVIDENCE_DETAILS)

Foreign keys: CASE_ID, ISSUE, OFFICER#

<u>EVIDENCE</u>	EVIDENCE_ID	CASE_ID	EVIDENCE_DETAILS
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EVIDENCE_DETAILS(EVIDENCE_DETAILS, STORAGE_LOC, DESCRIPTION, FOUND_LOC, FINDING_OFFICER)

Foreign keys: CASE_ID, ISSUE, OFFICER#

<u>EVIDENCE_DETAILS</u>	STORAGE_LOC	DESCRIPTION	FOUND_LOC	FINDING_OFFICER
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LOGISTICS(LOGISTICS_ID, LIST_OF_VEHICLE_DETAILS, LIST_OF_SUPPLY_DETAILS, LIST_OF_EQUIPMENT_DETAILS)

Foreign keys: OFFICER#

<u>LOGISTICS_ID</u>	LIST_OF_VEHICLE_DETAILS	LIST_OF_SUPPLY_DETAILS	LIST_OF_EQUIPMENT_DETAILS
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COURT(COURT_ID, COURT_OUTCOME, SCHEDULED_CASES, ASSOCIATED_DOCS, COURT_DATE)

Foreign keys: OFFICER#

<u>COURT_ID</u>	COURT_OUTCOME	SCHEDULED_CASES	ASSOCIATED_DOCS	COURT_DATE
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COURT_DATE(COURT_DATE, MONTH, DAY, YEAR)

Foreign keys: OFFICER#

<u>COURT_DATE</u>	MONTH	DAY	YEAR
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VEHICLE(VIN, AVAILABILITY, MODEL, MAKE)

Foreign keys: OFFICER#

<u>VIN</u>	AVAILABILITY	MODEL	MAKE
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MAKE(MAKE, BRAND, COLOR)

Foreign keys: VIN, OFFICER#

<u>MAKE</u>	BRAND	COLOR
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WEAPONS(SERIAL#, TYPE, MAINTENANCE, AVAILABILITY)

Foreign keys: OFFICER#

<u>SERIAL#</u>	TYPE	MAINTENANCE	AVAILABILITY
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SUPERVISOR(SUP_OFFICER#, SUP_GENDER, SUP_COUNTY, SUP_PHONE_NUM, SUP_CERTIFICATION, SUP_NAME, SUP_SCHEDULE, SUP_ADDRESS)

Foreign key: OFFICER#

<u>SUP_OFFICER#</u>	SUP_PHONE_NUM	SUP_GENDER	SUP_NAME	SUP_CERTIFICATION_NUM	SUP_ADDRESS	SUP_COUNTY	SUP_SCHEDULE
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SUPERVISOR_NAME(SUP_NAME, SUP_FIRST_NAME, SUP_MIDDLE_INIT, SUP_LAST_NAME)

Foreign key: OFFICER#

<u>SUP_NAME</u>	SUP_FIRST_NAME	SUP_MIDDLE_INIT	SUP_LAST_NAME
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SUPERVISOR_ADDRESS(SUP_ADDRESS, SUP_HOUSE_NUM, SUP_STREET_NAME, SUP_ZIP_CODE)

Foreign key: OFFICER#

<u>SUP_ADDRESS</u>	SUP_HOUSE_NUM	SUP_STREET_NAME	SUP_ZIP_CODE
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SUPERVISOR_SCHEDULE (SUP_SCHEDULE, SUP_SHIFT, SUP_WEEKDAY)

Foreign key: OFFICER#

<u>SUP_SCHEDULE</u>	SUP_SHIFT	SUP_WEEKDAY
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