## **Police Station Database Management System Project**

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CSC422: Database Design: Project Deliverable 3

Dr. Allan Gitobu

July 22, 2023

FORMAT:

TABLE\_NAME(PRIMARY\_KEY, ATTRIBUTE1, ATTRIBUTE2....)
DEPENDENCY DIAGRAM

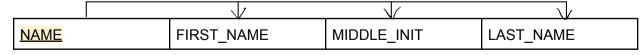
OFFICER( OFFICER#, PHONE\_NUM, GENDER, NAME, CERTIFICATION\_NUM, ADDRESS, COUNTY, SCHEDULE)

Foreign key: SUP OFFICER#

	$\overline{}$	<b>*</b>		$\bigvee$	$\downarrow$	\/	,
OFFICER#	PHONE_NUM	GENDER	NAME	CERTIFICATION_NUM	ADDRESS	COUNTY	SCHEDULE

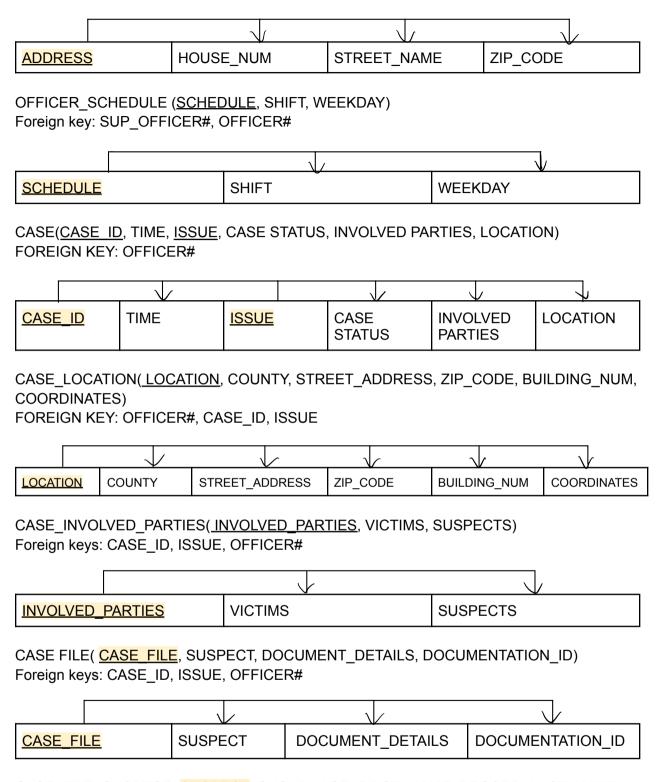
 ${\sf OFFICER\_NAME}(\ \underline{\sf NAME},\ {\sf FIRST\_NAME},\ {\sf MIDDLE\_INIT},\ {\sf LAST\_NAME})$ 

Foreign key: SUP\_OFFICER#, OFFICER#



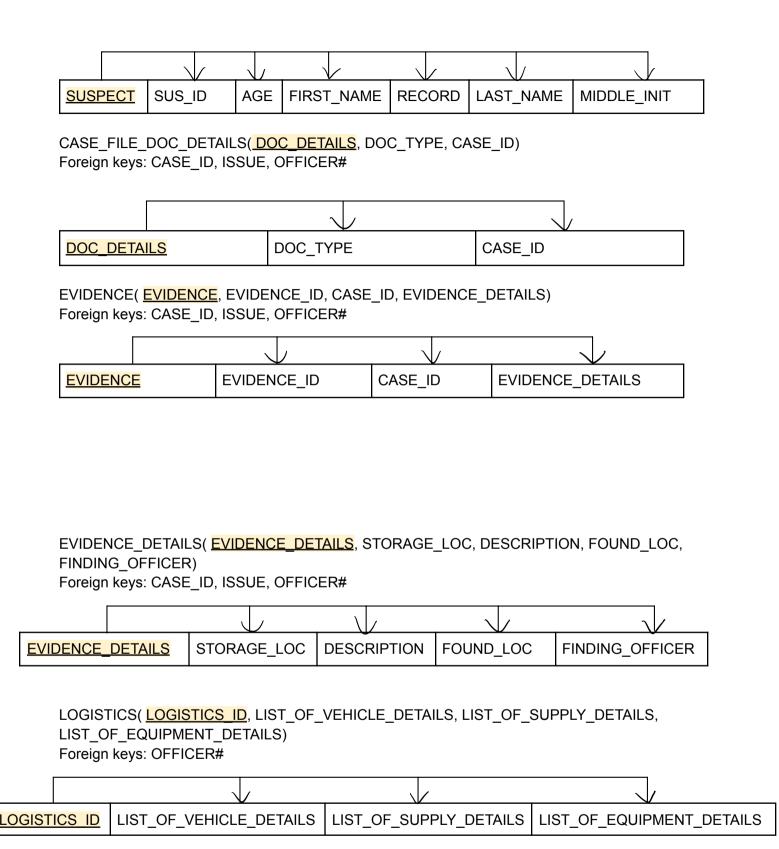
 ${\tt OFFICER\_ADDRESS}(\,\,\underline{\tt ADDRESS},\, {\tt HOUSE\_NUM},\, {\tt STREET\_NAME},\, {\tt ZIP\_CODE})$ 

Foreign key: SUP\_OFFICER#, OFFICER#



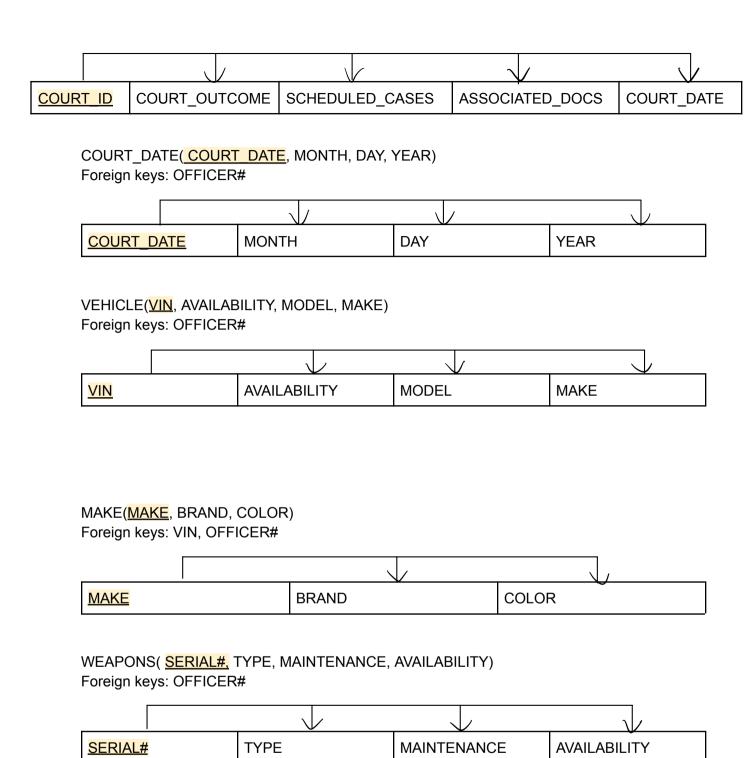
CASE\_FILE\_SUSPECT( <u>SUSPECT</u>, SUS\_ID, AGE, FIRST\_NAME, RECORD, LAST\_NAME, MIDDLE\_INIT)

Foreign keys: CASE\_ID, ISSUE, OFFICER#

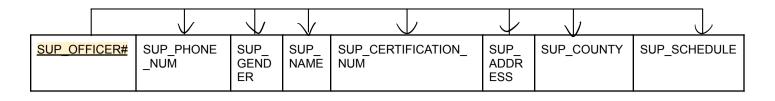


COURT( COURT\_ID, COURT\_OUTCOME, SCHEDULED\_CASES, ASSOCIATED\_DOCS, COURT\_DATE)

Foreign keys: OFFICER#

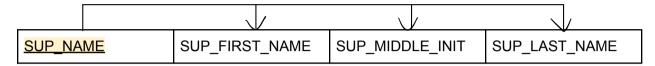


SUPERVISOR( <u>SUP\_OFFICER#</u>, SUP\_GENDER, SUP\_COUNTY, SUP\_PHONE\_NUM, SUP\_CERTIFICATION, SUP\_NAME, SUP\_SCHEDULE, SUP\_ADDRESS)
Foreign key: OFFICER#



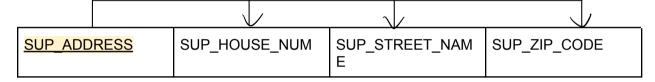
 $\label{eq:supervisor_name} \mbox{SUP\_NAME}, \mbox{SUP\_FIRST\_NAME}, \mbox{SUP\_MIDDLE\_INIT}, \\ \mbox{SUP\_LAST\_NAME})$ 

Foreign key: OFFICER#



SUPERVISOR\_ADDRESS( <u>SUP\_ADDRESS</u>, SUP\_HOUSE\_NUM, SUP\_STREET\_NAME, SUP\_ZIP\_CODE)

Foreign key: OFFICER#



SUPERVISOR\_SCHEDULE (SUP\_SCHEDULE, SUP\_SHIFT, SUP\_WEEKDAY)

Foreign key: OFFICER#

