

NORMALIZATION PROBLEM

(20 points) The Chico Toyota Service Center has 4 or 5 Service Coordinators working daily. Each of the Service Coordinators make sure that his/her group of mechanics repair in a timely fashion the automobiles they are assigned to for repairs that day. The relation below is a daily report for one of these Service Coordinators and it is not in 3rd normal form. Draw the dependency diagram for this relation and show what the final schema will be once this relation is broken up into 3rd normal form relations. You do not need to give the data for each of these new tables, just the attributes for each table. You can assume that an auto in for repairs has only one listed owner.

Chico Toyota Service Center Service Coordinator's Daily Report

Report Number: 10235

Report Date: 02-14-2007

Service Coordinator's Name: Jeff Long

Service Coordinator's ID Number: 59

Service Coordinator's Office Address: 549 Main St; Chico, CA 95926

Service Coordinator's Years of Service: 25

Auto ID	Auto Model	Year	Owner Name	Phone	Repair Quote	Actual Repair Cost
19	Toyota Celica	1997	Frank Jones	555-2222	\$150	\$145
13	Toyota Supra	1999	Mary Jackson	520-2227	\$950	\$1200
28	Toyota Tundra	2003	June Franks	523-2228	\$600	\$599
44	Toyota Supra	2002	Frank Jones	555-2222	\$350	\$375

Total Repairs: 4

Total Repair Quotes: \$2050

Total Actual Repairs: \$ 2319