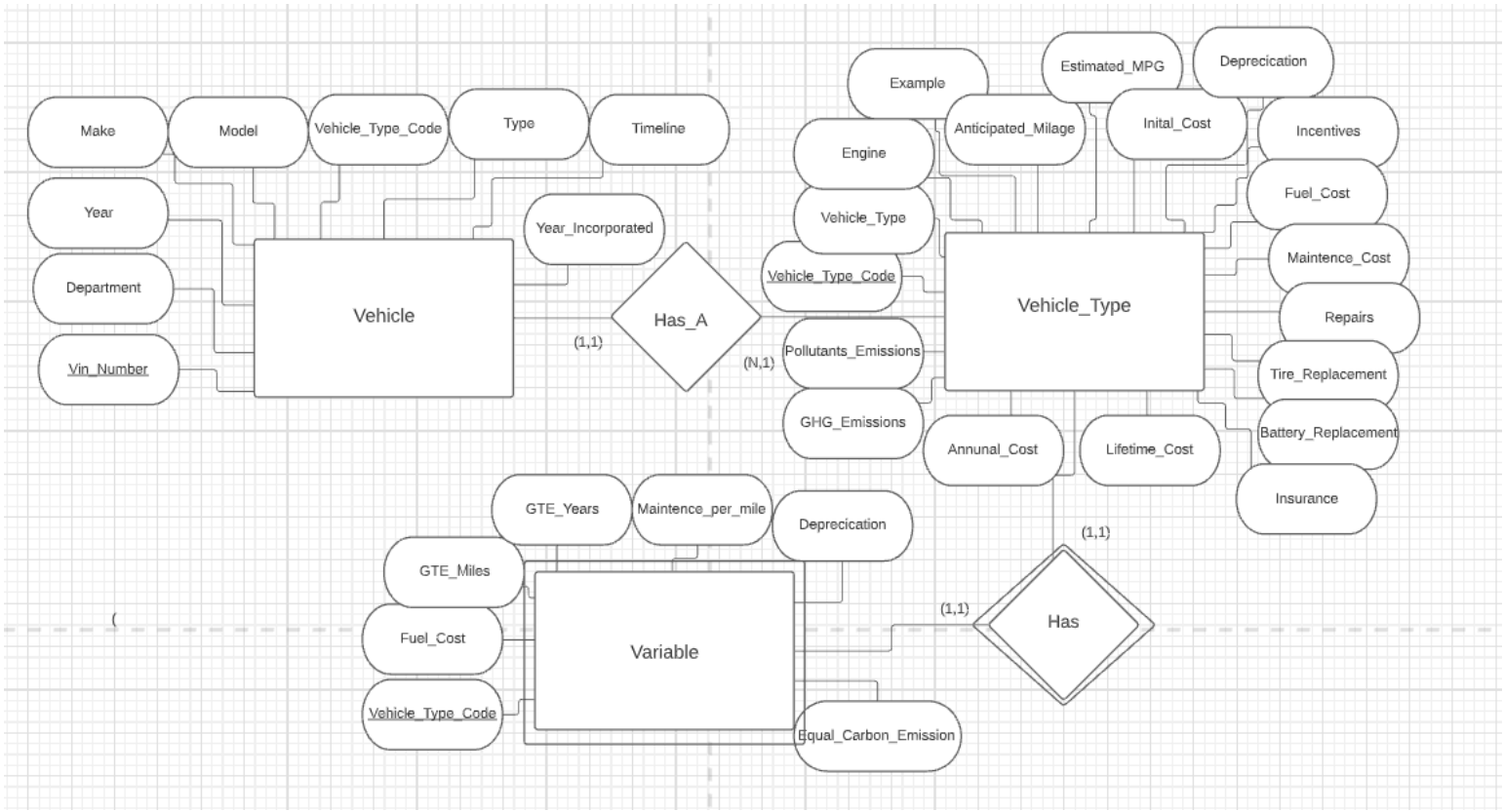
Group Members: Ben Lifshey, Colleen Rauch, Jason Tango, Joseph Schlageter, Michelle Naval, Nicole Kondrk, and Nallu Muthukumar

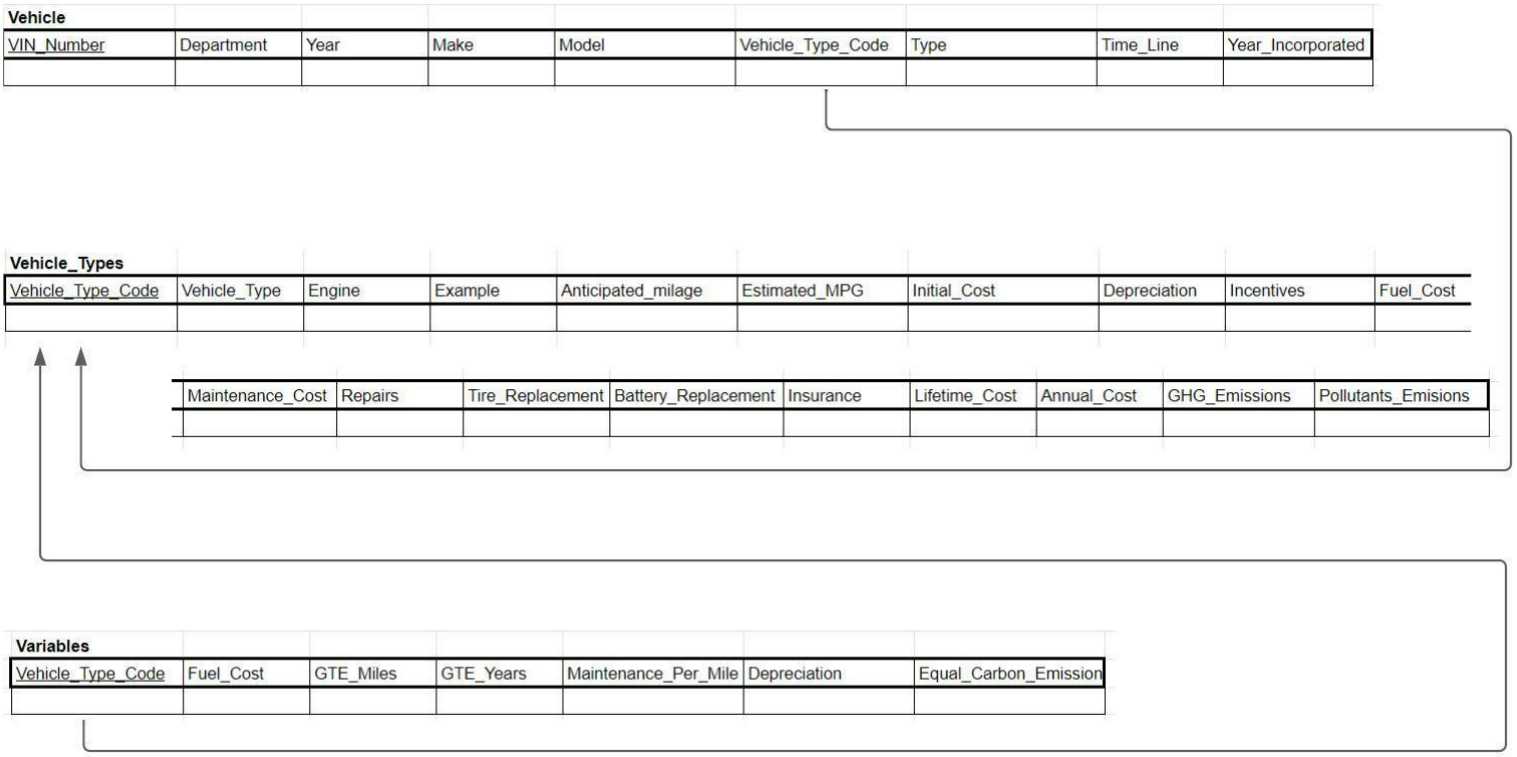
Group Number: 7

Stage 3: Design

ER model:



Mapping to Relational Schema:



Estimates:

Total Number of vehicles: 97 * 3
Total number of vehicle type: 19
Total number of variables/assumptions: 4

Initial size: 291 + 19 + 4 = 392

Average user will complete 1-10 searches. There are only 19 possible search options.