



Group: Shannon Kelly, Collin Barton, Brendan Henderson, Matthew Nguyen

- Assumptions:
- 1) Customers can have multiple cars, but cars can only have a single customer to its file
 - 2) When a car comes into EAR, they will always receive a repair estimate
 - 3) A customer can come back to EAR multiple times with the same vehicle for different issues
 - 4) Skills remain in database even if there is no technician that possesses that skill (ie. Only Technician with Painting skill quits)
 - 5) A customer can have multiple repairs with EAR, but a repair may not be associated with a customer if the customer is in the shop's system but does not decide to go ahead with the repair
 - 6) Repair Estimates will always use at least one part, one equipment and one skill.
 - 7) A technician can work on multiple repairs during one shift
 - 8) Managers are entered into the database when hired, so we are under the assumption that they may not be assigned to a repair estimate or repair
 - 9) Each piece of Equipment a technician checks out is logged individually
 - 10) Parts used are also logged individually