

Phase 2 Updated EER | CS 6400 – Summer 2019| Team22

Modifications based on Phase 1 feedback

- Removed the '**Owner**' subtype of entity '**User**';
- Removed all relation '**Update**'. All '**User**' entities are now directly connected with relationships '**Buy**' or '**Sell**';
- Added new attribute "**Inventory_clerk_permission**", "**Salesperson_permission**", and "**Manager_permission**" on respective user subtypes;
- Changed the relationship between '**Users**' subtypes to overlapping;
- Added separate fields for '**Customer**'s address;
- Changed '**Vehicle_type**' and '**Manufacturer**' to entities, and added appropriate attributes to them;
- Changed attribute '**Repair_vendor**' to entity '**Vendor**', and added appropriate attributes to it;
- Changed the cardinality between '**Repair**' and '**Recall**' to 1:N;
- Simplified '**Buy**' and '**Sell**' from weak-entities to relationships between '**Customer**', '**Vehicle**', and '**Inventory_clerk**'/'**Salesperson**' to 1:N:M relationships, and removed some redundant attributes.

