

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

Modifications based on Phase 1 feedback

- Removed the **'Owner'** subtype of entity **'Users'**;
- Removed attribute **'user_type'** from entity **'Users'**;
- Removed all relation **'Update'**. All **'Users'** 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 entity **'Customer'**'s address;
- Created entities **'Vehicle_type'** and **'Manufacturer'**, 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.

