



Updated Enhanced Entity-Relationship (EER) Diagram

The following changes have been made based on TA's comments for phase 1:

- Surrender - Dog was changed to 1:1 relationship.
- Admin - Application relationship was removed.
- Approve/Reject relationship type and its attribute 'status' were removed. Instead, two subclasses 'Approved' entity and 'Rejected' entity were created under 'Application' entity.
- Subclass 'Volunteer' entity which was under 'User' entity was removed.
- Removed MicrochipID attribute from 'Dog' entity. Created a new entity 'Microchip' which has 1-1 relationship to 'Dog' entity. And the 'Microchip' entity has an identifier attribute 'microchipID'.
- Dog-Breed relationship was updated to be mandatory on 'Dog'.
- The many to many relationship between 'User' and 'Dog' entity was removed as it was not necessary.