

Phase 2 Updated EER | CS 6400 – Spring 2020 | Team 001

Modifications based on Phase 1 feedback:

- Add missing entity type, **DayWork**. **DayWork** is comprised of WorkDt and HoursWorked. WorkDt becomes a partial key. Add an identifying 1-N relationship between Volunteer and DayWork.
- VolPhoneNum is not an identifier.
- Update **Species**→**Animal** relation and make mandatory on Animal.
- Remove “VaccinationID” from Vaccination Entity Type. Make AdministerDt a partial key. Update relationship between **VaccineType** and **Vaccination** and make **VaccineType**→**Vaccination** mandatory on **Vaccination**.
- Update **Animal**→**Breed** relation and make mandatory on Animal
- Update **Animal** → **Employee** relation and make mandatory on Animal
- Update **Vaccination** → **User** relation and make mandatory on Vaccination
- Update **Breed** → **Species** and make mandatory on Breed
- Update **VaccineType** → **Species** and make mandatory on **VaccineType**. Update relation to M:N and name **VaccReq**. Required is added as a property type.
- Remove connection between **AddAdoption** and **Employee**
- Remove ApproveApplication relationship and move Status property type to the **Application** Entity relation
- Change name of SurrenderByAnimalControl to LocalControl
- Add **Adopter** Entity type with Email as the key. **Adopter** has a 1:N relationship, called **Adoption**, with **Application**. Move Address, PhoneNumber, Applicant types to the **Adopter** Entity
- There is a 1:1 relation called **Adoption** between **Application** and **Animal**. Adoption has AdoptionDt and AdoptionFee as property types.

Phase 2 EER | CS 6400 - Spring 2020 | Team 001

