**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 between AdminUser and Application. Moved 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, with **Application**. Move Address, PhoneNumber, Applicant first and last name to the **Adopter** Entity.
* There is a 1:1 relation called **Adoption** between **Application** and **Animal.** **Adoption** has AdoptionDt and AdoptionFee as property types.
* Remove AddApplication relationship between Employee, Volunteer and Application.
* Remove VaccAddedBy property type of AddVaccination relationship.
* Remove AddedBy property type of AddAnimal relationship.
* Changed AnimalID to PetID. Made SurrenderDt and Name regular attributes of **Animal**.
* Changed AppID to AppNum. Made AppDt and Email regular attributes of **Application**.