Our project is a social media platform named Facebark that is designed for dogs. The platform allows each dog owner to register for a user account that they can log in to and create one or more profiles for their dogs. Each dog profile contains information such as the dog's name, breed, interest, as well as other multimedia such as profile pictures, posts, etc. Each dog profile is also associated with a 'messaging' feature that allows dogs to leave nice messages on other dogs' profiles. The purpose of this application is to give dog owners a platform to showcase their dogs, as well as giving dogs a chance to connect with each other.

Due to time constraint we were not able to implement the "Group" feature shown in our initial ER diagram. We also had to omit the 'Premium user' and 'Premium profile page' features, as well as the 'Matching' features between dogs. Instead, we focused on implementing an extensive set of operations in our newly added feature - 'Analytics'. The Analytics module allows users to learn about their dogs' profile activities such as which dogs have made a comment, how many dogs in the system are of a specific age, and which user has created more than a specific amount of profiles, etc. From a business perspective, these analytical features could also help business owners to better understand the user demographic and make better marketing decisions.

In terms of schema changes, we added a new field called "content" in Dog_Has_Personal_Note table to store the content of the notes. We also changed the "d_id" field from INT to VARCHAR(30) in the Owner_Has_Dog table to allow the owners to specify and identify their dogs through user names.

Beyond our current specs, some features that we would like to add in the future includes dynamic content on the dog's profile such as highlights (like Instagram stories that are constantly updated), an improved database design to support larger amounts of queries and updates, and comment sections below posts.