

Executive Summary

After Step 1 feedback, we changed the wording of the project outline to underscore the entities in our database and to further explain the ways in which a potential client can benefit from our database.

After Step 2 feedback, we transferred the hand-drawn ER diagrams to high-quality computer generated images, and added varchar(255) to all attributes that accepted text data.

After Step 4 feedback, we added CREATE functionality to all entities. Also, we added the ability to SEARCH and BROWSE pertinent attributes for all entities.

Based on Step 5 feedback, we changed READ/BROWSE to display attributes other than the primary keys.

After Step 6 feedback, we changed INSERT and UPDATE forms where clients were forced to select or enter foreign keys. In their place we added a dropdown menu that displayed names associated with their respective foreign key. Also, in READ/BROWSE pages that displayed only foreign keys, we changed it to DISPLAY other attributes as well.

Finally, on our own, we realized that the M:M relation we had been implementing between Doctors and Patients is actually a 1:1 relationship. So, we decide to forgo that implementation and instead implement the 1:1 relationship between Staff and Patients. We removed the joining table Doctors_Patients and added Staff_Patients to reflect the change. We applied this change to our ER Diagram, Schema, Data Definition Queries, Data Manipulation Queries, and to the website's UI.