The purpose of this project is to get a better understanding of how to utilize database queries; specifically, mysql, on relations to report information about our data in the database that is designed and visualized by using ER diagrams. When creating the ER diagram for this project, we’ve encountered an issue with trying to conceptualize the use of a parent-child relationship between entities. Specifically, to implements the different Users, we wanted Users to be a parent entity of Hosts and Renters, however, mysql, does not allow for parent-child implementations. So, instead we created two entities, namely “Users\_host\_Listing” and “Users\_rent\_Listing” that is an associative entity between Users and Listing. The User\_SIN in these two entities represents the SIN number of hosters and renters respectively. Similarly, the comments and ratings users can leave for other users require two entities per comments and ratings for hosters and renters.