SYSTEM LIMITATIONS

System limitations include performance and value checking; a working product was prioritized over performance. If our database were to have an extreme large amount of data, similar to the real Airbnb database, then our queries will not run quickly especially considering we do not utilize indexes. Another system limitation was value checking; more specifically, we cannot control what the user inputs at times. Consider a user entering “123 456”; we cannot determine if this is a real sin number or not and we cannot parse the space. Possible improvements include finding a way to declutter our ER diagram, so our implementation does not require 4 joins per query which might make run time of queries much slower. It also might be beneficial to find a better way of substituting parent-child relationships rather than creating a new table for each child. Host and renter profile entities only contain 1 attribute which can probably be substituted out and have other table contain information for profiles.