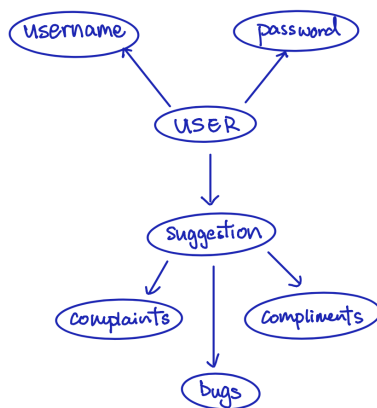


Cache:

For the cache, we will use the Query Caching in MySQL. We plan to implement it in the application level so that it would be more efficient. We also looked at the Memcached product and will decide which one would be used in the final version. Based on our website, the input location or date would be saved as cache

Data Documentation:

We plan to use a relational database, MySQL to store our data. Here is the entity relationship model.



Sequence Diagram:

Since we have not implemented our cache yet, the sequence diagram is based on our plan of implementation.

