

Mosey Technical Interview Instructions

Design a database that will hold information about accounts and social media posts. Please try to maximize retention of data in your design.

Accounts:

There will be two types of accounts, users and businesses, each having shared values like name and username and some information exclusive to one type like addresses for businesses.

Users will include;

Name
Username
Profile Photo
Bio
Location (Lat/Lng)

Businesses will include:

Name
Username
Profile Photo
Bio
Address
Location (Lat/Lng)
Cuisine
Staff Recommendations

Post will include:

User
Images
Business
Caption
Timestamp
Likes
Rating
If the post is liked by the user fetching the post

With the database layout you have created please design an SQL statement for each of the following tasks:

1. Update user information (Name, username, profile photo)
2. Fetch the latest post from a user.
3. Filter businesses within 50KM of a user



Outline in three paragraphs or less a workflow you would use to update a live database (Add new tables/Update columns in preexisting tables). Please include any applications you may use and prerequisites you would implement to improve the process.

After you have completed the above task the next interview will involve taking me through your build process and answering questions about the database and queries you have designed.

Contact me at christopher@moseyfoodfinder.com with any questions or help you may need.

