

# Practical Database Design: Implementing Responsible Data Solutions with SQL Querying

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## Final Project

### Instructions

- Make any changes to the existing logical database model. Here are a few suggestions:
  - DirectMessage entity only allows for a brainiac and friend pair to exchange one message. You want them to exchange multiple messages.
  - Reconsider how you organize the friend and follower information.
    - You want to ensure that you have a clear listing of friends and followers for each brainiac. You may need to create an associative entity or two.
- Extend the logical database model to include capturing post reactions

### Hints

- Every direct message between a brainiac and friend should be distinct. (Hint: Ensure that there's an attribute that can distinct messages sent between a brainiac and friend.)
- You should be able to list all of a brainiac's friends.
- A brainiac's friends may be friends and/or followers with other brainiacs.
- You should be able to list all of a brainiac's followers.
- A brainiac's followers may be followers and/or friends with other brainiacs.
- An interaction to a post may be one of a handful of emojis and/or reposted.
- Only a brainiac's follower or friend is able to interact with a post.
- If the brainiac's follower and/or friend reposts that post, they cannot add their own text to the repost.