DB Planning:

Normalization: one piece of info lives in one place only.
Relationships: one to many, one to one & many to many(2 one to many relationships)

Social Media APP

Brainstorming:

- Users can sign into the app with their email and password
- Users can create/update/delete a profile
- Users can create an account
- Users can create/edit/delete posts
- Users can follow/add-friend each other
- Users can comment on posts
- Users can update credentials
- Users can block other users
- Users can join/create groups
- Users can create posts in the group
- Users can send messages to each other
- Users can search for post

Table Ideas:

- User: will hold info about the user, each line/row will be an individual user.
- Auth: will hold credentials for logging-in, each line/row will be an individual credential.
- Post: will hold info about posts, each line/row will be an individual post.
- Comment:will hold info about comment, each line/row will be an individual comment.
- Follows/Friends: will hold info about who follows who, each line/row will be an individual connection
- Message: will hold info about message, each line/row will be an individual message
- Group:will hold info about the group, each line/row will be an individual group
- Group posts: will hold all the posts made in a group, each line/row will be an individual group post
- BlockUser:will hold info about who blocked whom, each line/row will be an individual block

Relationships:

One to One:

- User to Auth

One to Many:

- User to Post
- Group to group posts

Many to Many(2 One to many):

- User to Comment, Post to comment(User to Posts)
- Follows/Friends(Association table)(User to User)
- Message(middle table)(User to User)
- User to groups(association table/middle table)
- Blocked(user to user)(association table)