DB Planning:

Normalization: one piece of info lives in one place only
Relationships: one to many, one to one, many to many

Social Media App

Brainstorming:

- Users can sign into the app with their email and password
- Users can create/update/delete profile
- Users can create/edit/delete posts
- Users can follow each other
- Users can interact with other posts
- Users can update credentials
- Users can block users
- Users can join groups
- Users can create post within the group
- Users can search for certain content

Table ideas:

- **Users**: 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 will be an individual post
- **Comment**: will hold info about comment, each line 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 will be an individual message
- **Group**: will hold info about the group, each line will be an individual group
- **Group posts**: will hold all the posts made in the group, each line will be an individual group post
- **Block User**: will hold info about who blocked whom, each line 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
- follows/friends(table - user to user)
- Message (middle table - user to user)
- Users to group(association table/middle table)
- blocked(association table - user to user)