

Database backend design

Tables:

Attributes:

User Account
Google Account ID
creations
saved posts
user permissions
banned/unbanned
bio

subset of user

Super User Account

Name/pass
Super User permissions

subset of Super User

Admin Account

Name/pass/super pass
Admin permissions

Super User Permissions

- ban/unban
- remove posts

SQL uses inheritance

Admin Permissions

- ban/unban
- make/remove super users
- log into backend
- any other permissions as needed

When are queries made?

- log in
- post
- retrieving saved data
- taking action
ex, banning

Performance Concerns:

- self hosted?
- how should posts be stored
• how big is each post?
- incommensurate scaling

Security risks:

- SQL injection
- avoid unsanitized inputs

Notes:

- Very little SQL experience
- will need to be adjusted as necessary
- User stories will affect requirements