

data migration:

For the first registered user.(this user has an event list from lab1):

It seems like google datastore does not allow adding parents to existing entity..So I manually write all the old entities to the database and add the first registered user as their parent.(using key literal)

For the future users: Once they register, my app automatically creates events as children of the registered user.

Key literal ?

Key(Entities, 'dev', user, 'd')

- A user desires to change their username
users can change their name by updating the entity in the datastore. Users can fetch the current user entity and then update the name field.
- A user desires to change their password
users can change their name by updating the entity in the datastore. Users can fetch the current user entity and then update the password field.
- A user desires to delete their account and all associated data
The user should delete all the events first. It is because gcloud does not automatically delete the child nodes when the parent node is deleted.
- A user loses their password
We can add a field of security questions. Just like a second password.
- A user has their password stolen and used by someone else
users can login using the security questions, then update the password.