Hierarchical concept for firestore:

[https://console.firebase.google.com/u/1/project/ihuntwithjavalins22de3/storage/ihuntwithjavalins-22de3.appspot.com/files/~2F](https://console.firebase.google.com/u/1/project/ihuntwithjavalins-22de3/storage/ihuntwithjavalins-22de3.appspot.com/files/~2F)  Firestore Storage:

-Folder: GendImages/

-*(contains generated images for code types)*

*(e.g. "picture\_1-min.png")*

-Folder: UserPhotos/

*-(contains users’ camera photos)(this may change to have user sub-folder, or setup unix-millesconds for photo ID, or both)*

*(e.g. "20230311\_115608.jpg")*

*(e.g. "1678591865627.png")* [*(https://currentmillis.com/)*](https://currentmillis.com/)

[https://console.firebase.google.com/u/1/project/ihuntwithjavalins22de3/firestore/data/~2F](https://console.firebase.google.com/u/1/project/ihuntwithjavalins-22de3/firestore/data/~2F)  Firestore Database:

-Collections: ‘Users’

-Document: (username) *(e.g. "MyBearBlue93")*

-Fields:

Date Joined: “YYYYMMDD” *(e.g. Date Joined: "20230112")*

Region: "city" *(e.g. Region: "Edmonton")*

Email: "email" *(e.g. Email: "joedoe@gmail.com")*

-‘sub’Collection: ‘QRCodesSubCollection’

-Document: (codehash) *(e.g. “EAF54782…etc")*

-Fields:

Code Name: "Lazy Steel Fish"

Date: "11-03-2023" *(or some date format, or with time)*

Img Ref: "picture\_16-min.png"

Lat Value: "53.52725151017626" *(or "" if none)*

Lon Value: "-113.52718384740474" *(or "" if none)*

Photo Ref: "20230311\_115608.jpg" *(or "" if none)*

Point Value: "985"

-‘sub’Collection: ‘CommentsSubCollection’

-Document: (unix millsec time) *(e.g. “1678591865627")*

-Fields:

Comment: "i got codes"

Username: "brandonsss" (remove?)

Hashcode: “EAF54782…etc"