

Database Testing

1. Upon registration, a user is successfully registered in our database.



The screenshot shows a mobile interface for the DCU Hub registration page. At the top, the status bar displays the time 19:53, a camera icon, and 4G connectivity. The DCU Hub logo is centered, featuring the text 'DCU' in orange and 'hub' in blue, with four colored circles (red, blue, orange, purple) above the 'u'. Below the logo, the text 'Welcome to DCU Hub!' is followed by 'Sign up to get started.' There are three input fields: the first contains 'Chloe', the second contains 'chloe.ward35@mail.dcu.ie', and the third is empty. Below the fields is an orange 'SIGN UP' button. At the bottom, the text 'Already have an account?' is followed by a purple 'Sign In' link.

19:53
◀ Camera 4G

DCU hub

Welcome to DCU Hub!
Sign up to get started.

Chloe



chloe.ward35@mail.dcu.ie



SIGN UP









Already have an account? [Sign In](#)

(password shows up blank in screenshots)

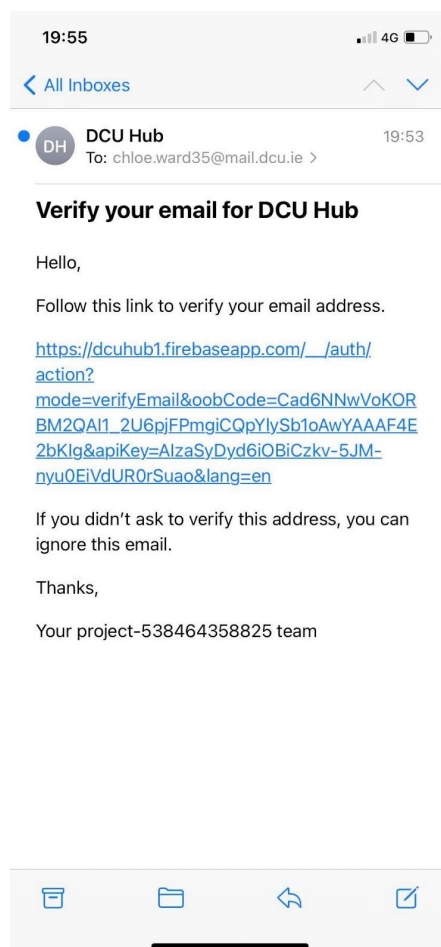
2. User successfully added to database (user testing credentials are visible but credentials were fake)

dcuhub1 ▾ Authentication Go to docs  

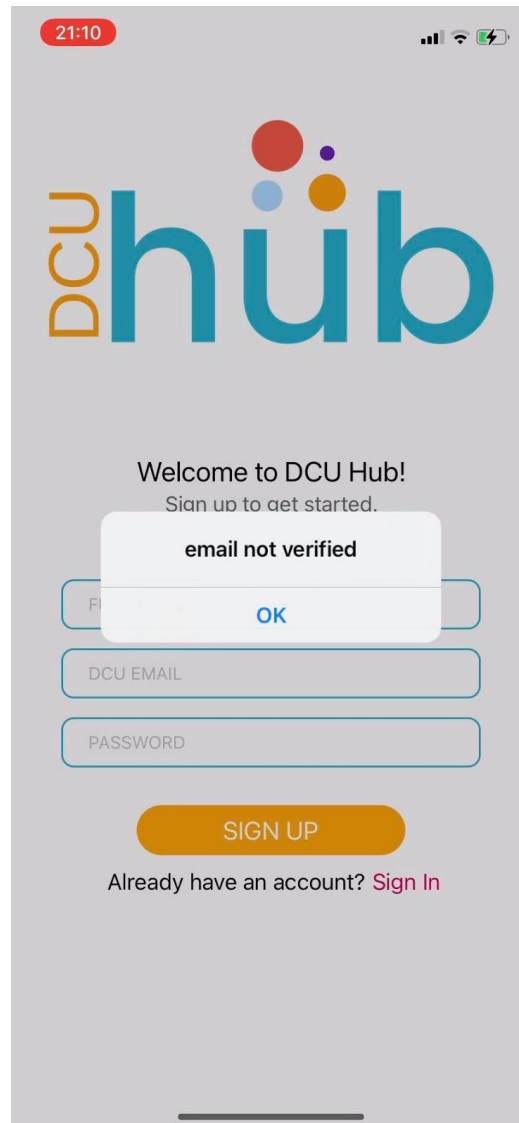
Add user  

Identifier	Providers	Created	Signed in	User UID ↑
solana@gmail.com		3 Mar 2021	3 Mar 2021	FtdRkPLwHehFh1Rgqp4BVMYEv4L2
gnilaaa@gmail.com		2 Mar 2021	2 Mar 2021	HOS7DxxJCobXlknfurKW6mkV00...
ikares@gmail.com		2 Mar 2021	2 Mar 2021	JPBimK1XCpZZ7XLS3zz12v9c3z2
alaska@gmail.com		4 Mar 2021	4 Mar 2021	LCnqpaKJPASGuYrcPvcZOTG8M33
hey@gmail.com		7 Mar 2021	7 Mar 2021	LObNAUI736Mexilyk3XLLB9cvZw1
test1@gmail.com		23 Feb 2021	4 Mar 2021	M4soKMlP4lSt2JupBn94aLaesw1
liza@gmail.com		1 Mar 2021	1 Mar 2021	NPEuyELxvad01KRB0laDXC212rj1
chloe.ward35@mail.dcu.ie		8 Mar 2021	8 Mar 2021	QppQnvEiJpOG74pwgXxaYw9ehj53

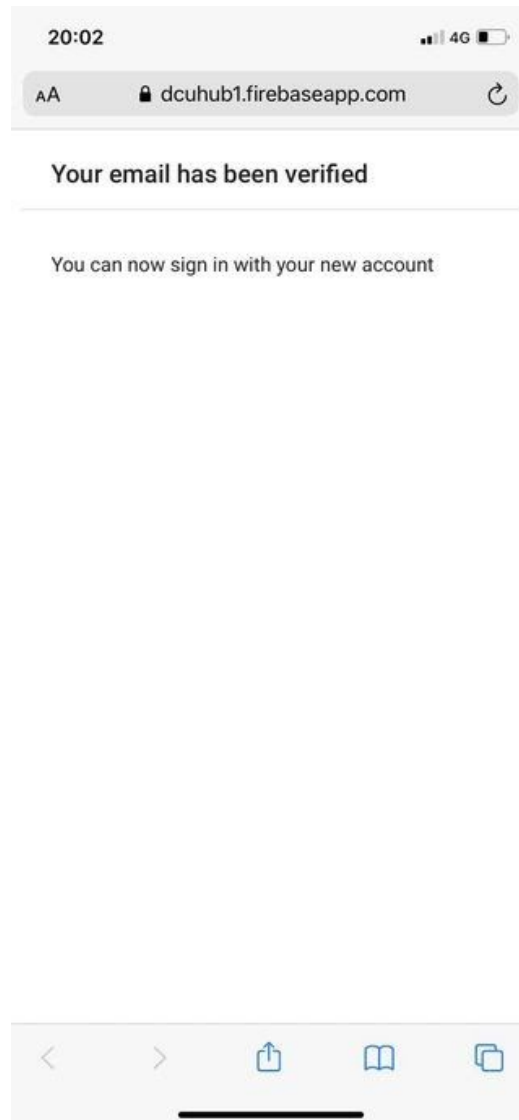
3. User verification email sent to email given upon registration.



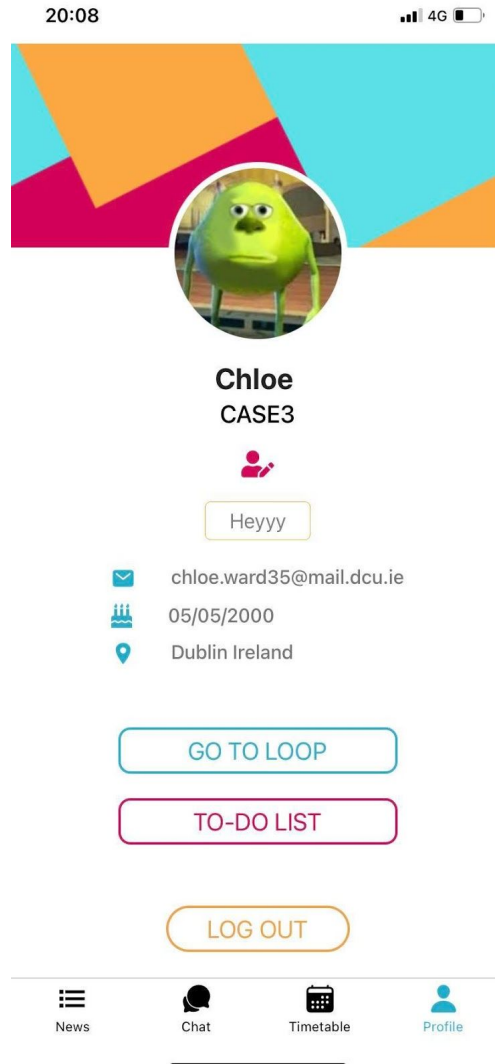
4. Database checks to see if email is verified when logging in.



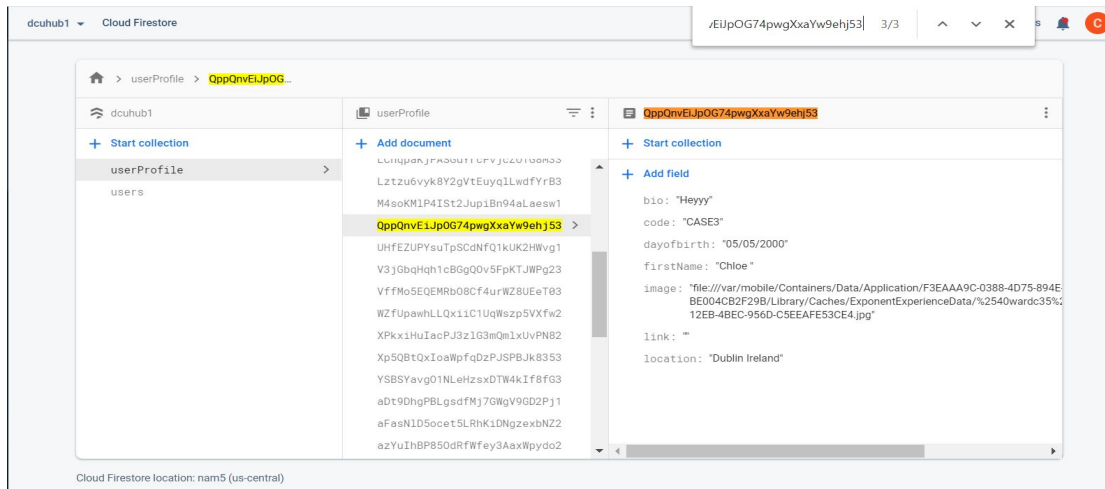
5. User verifies the email address and is now allowed access into the application.



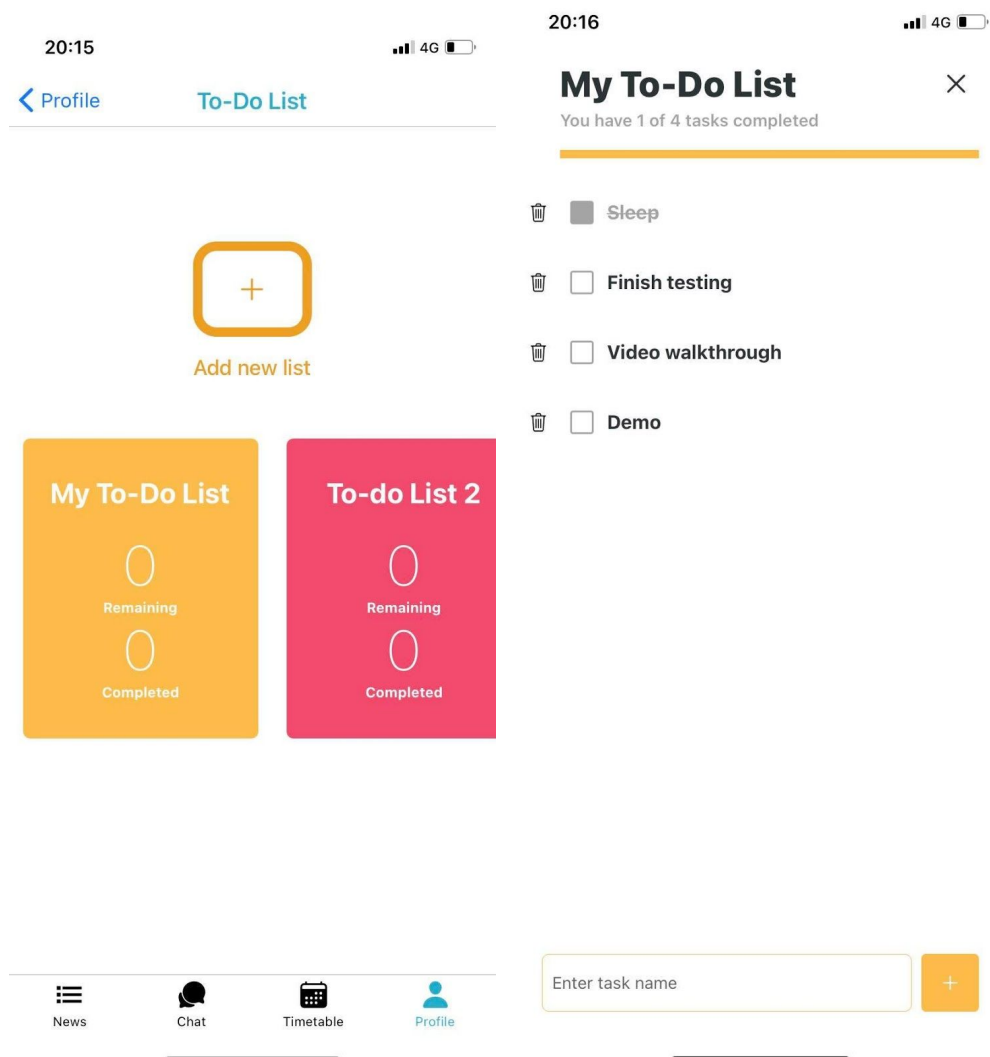
6. User adds profile details.



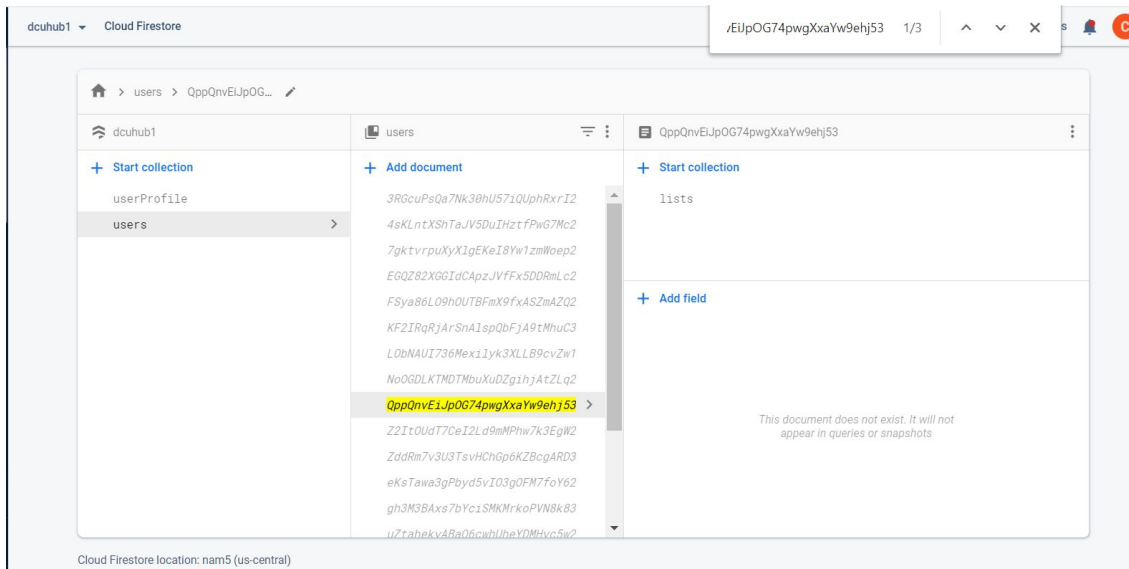
7. User profile details added to cloud firestore.



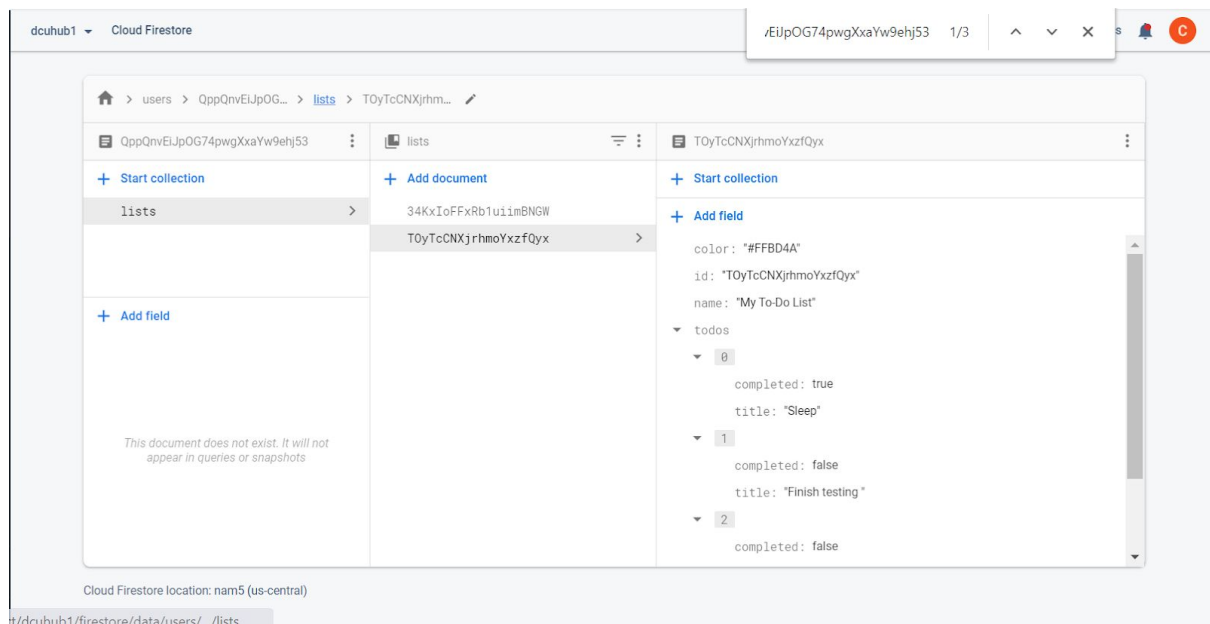
8. User adds to-do Lists



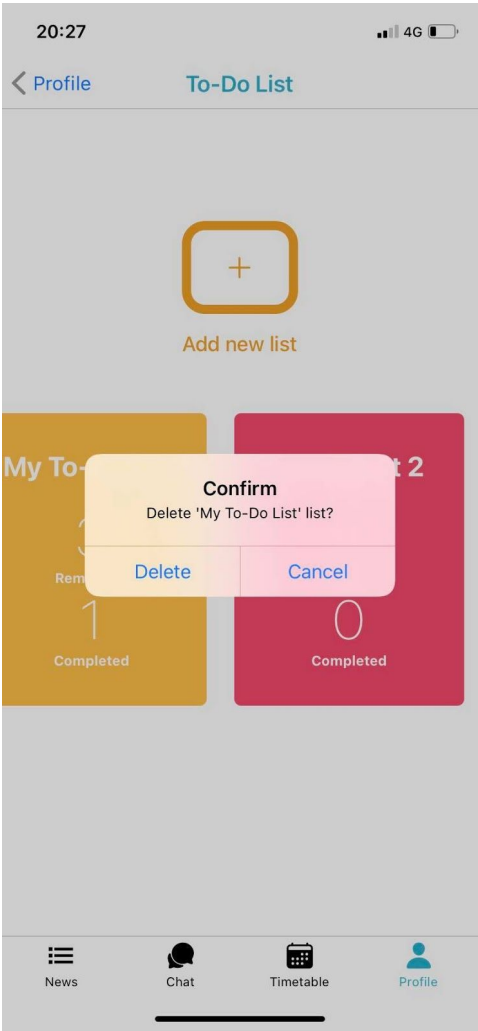
9. Users To-Do Lists added to database.



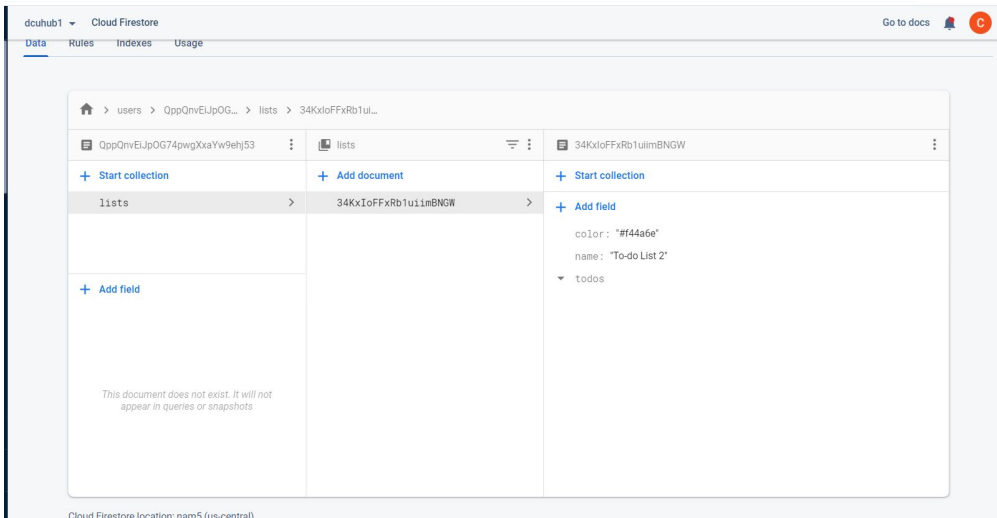
10. Users lists in the database.



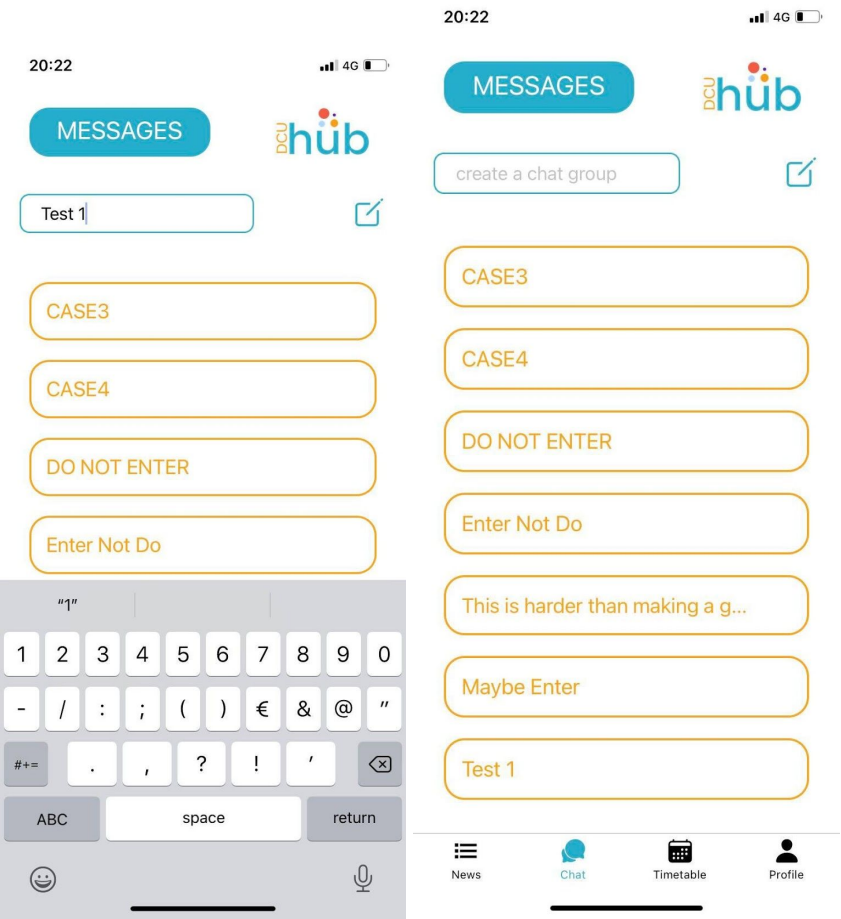
11. User Deletes To-do list



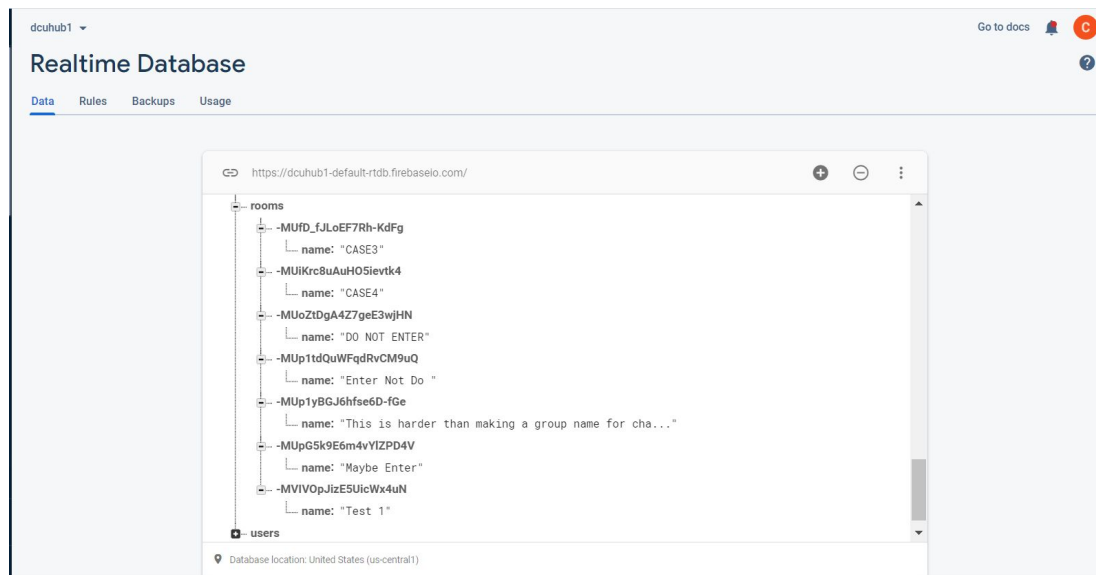
To-do list data is then deleted from the database.



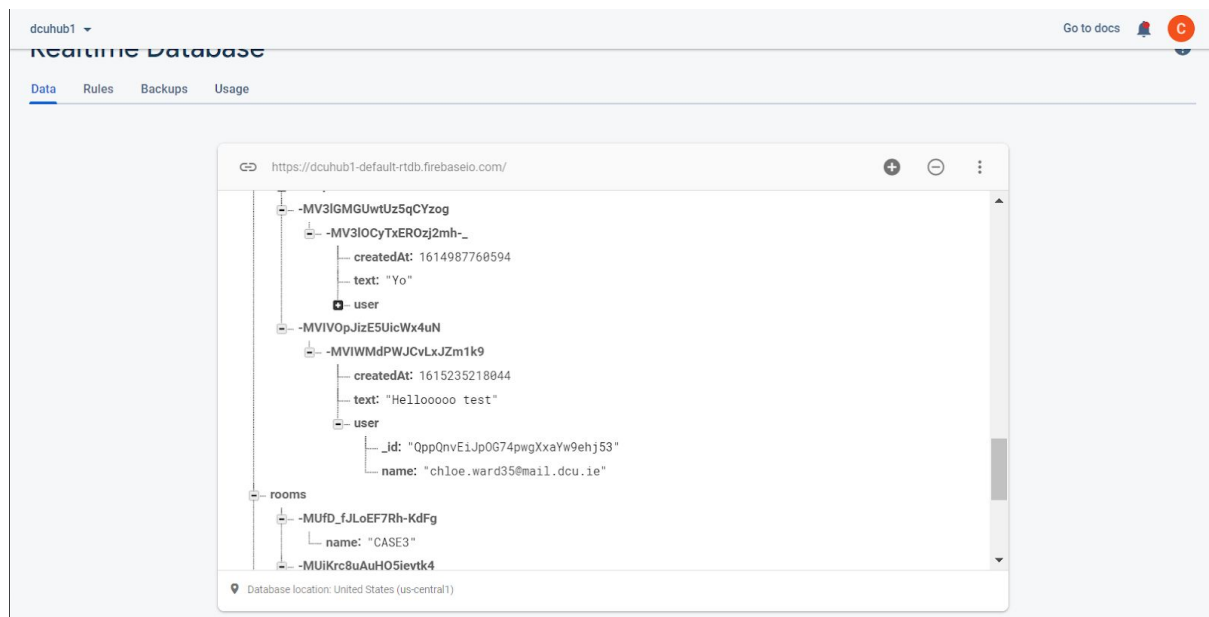
12. User makes a group chat.



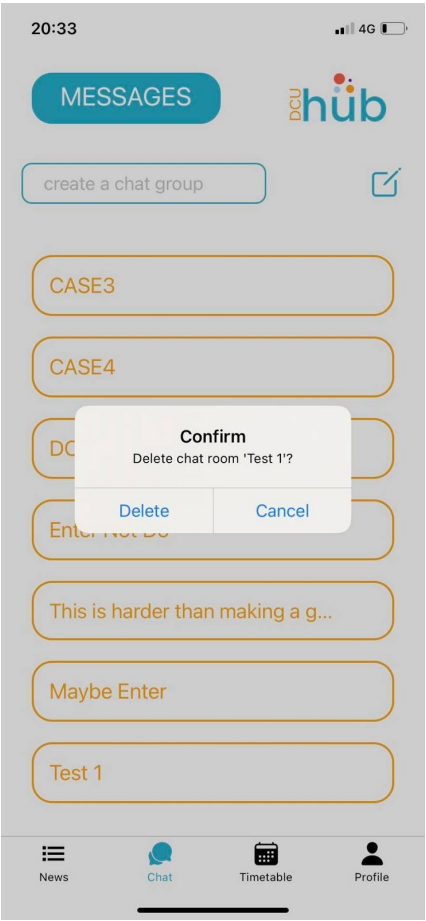
13. Room added to Realtime Database.



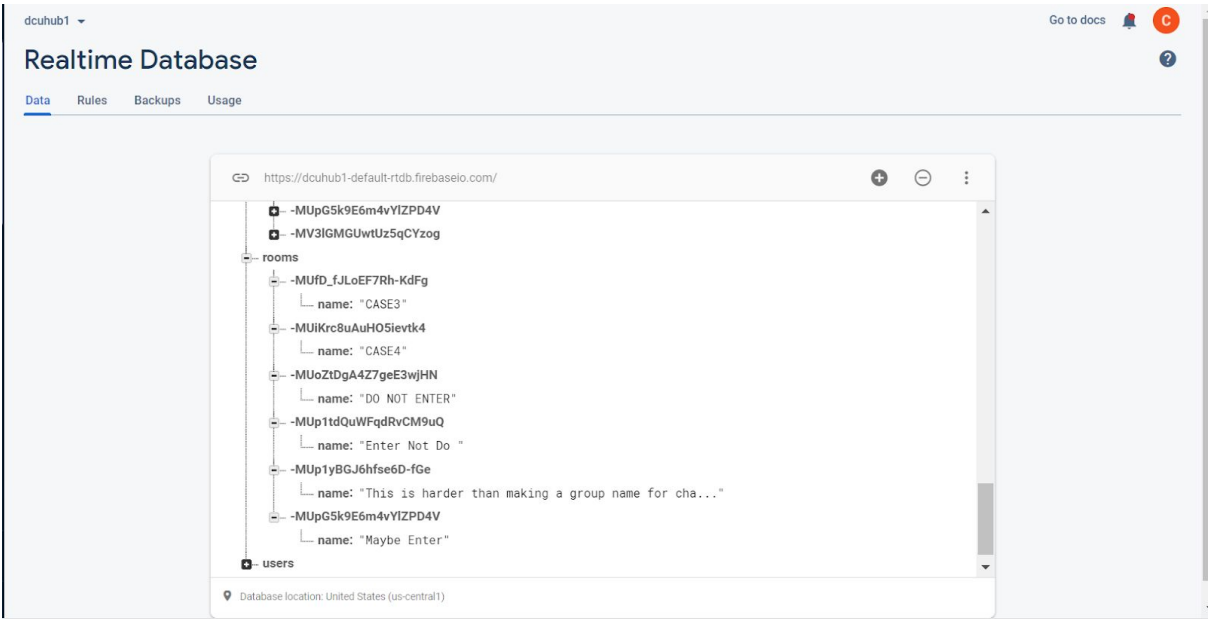
14. Users' messages are added to the Real Time database.



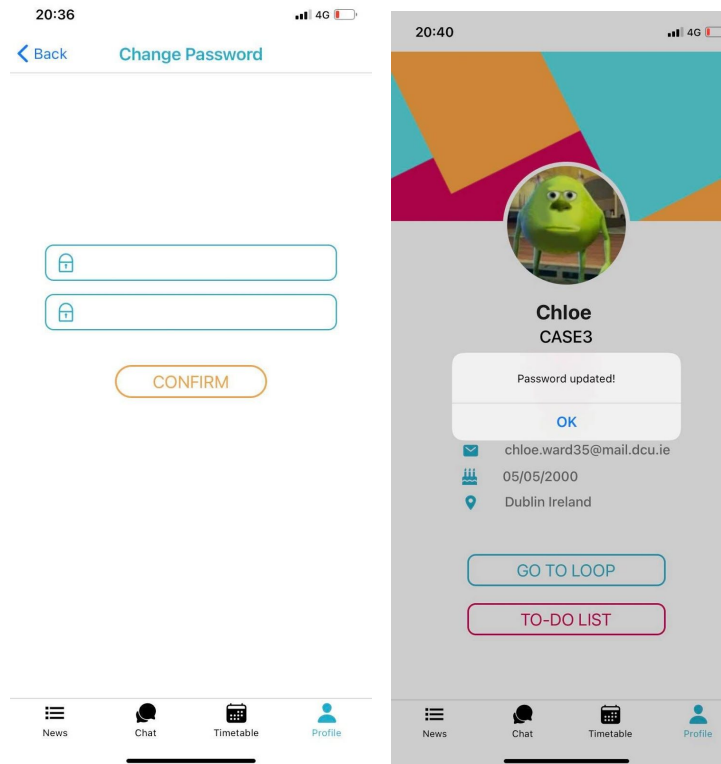
15. User Deletes group chat.



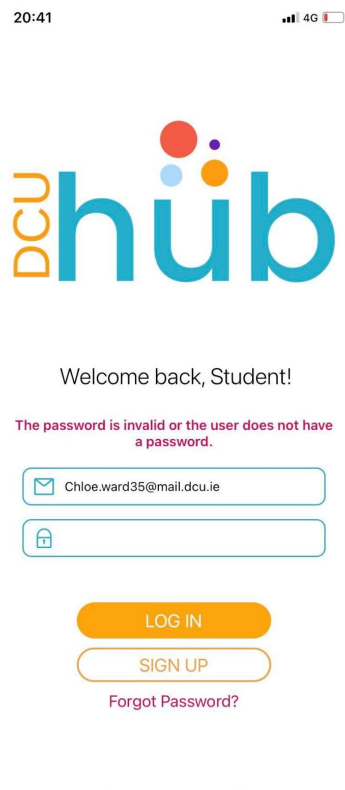
Groupchat is deleted from the database.



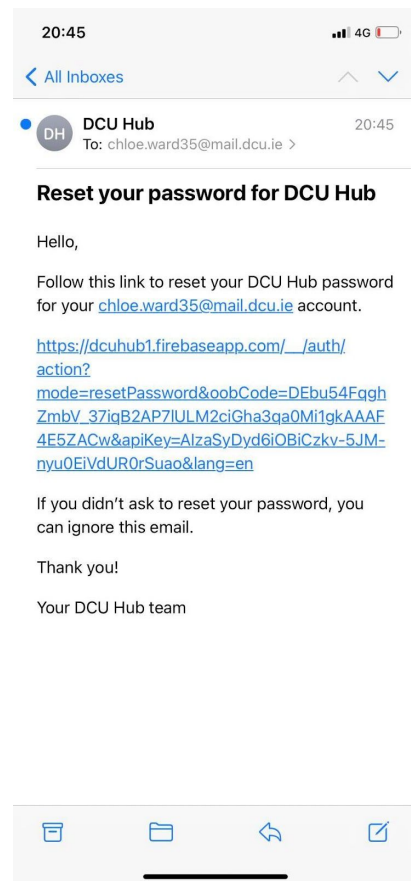
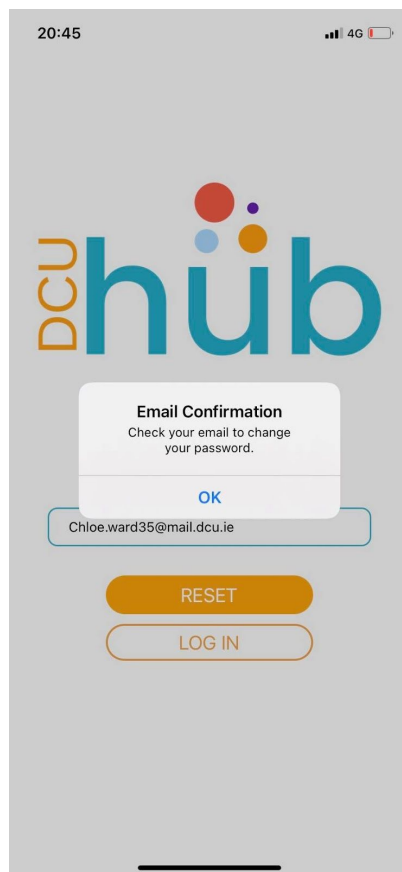
16. User changes account password.



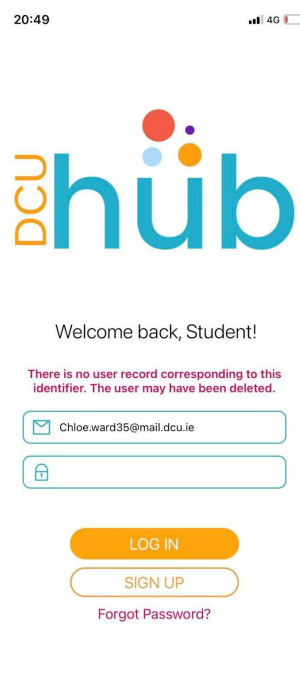
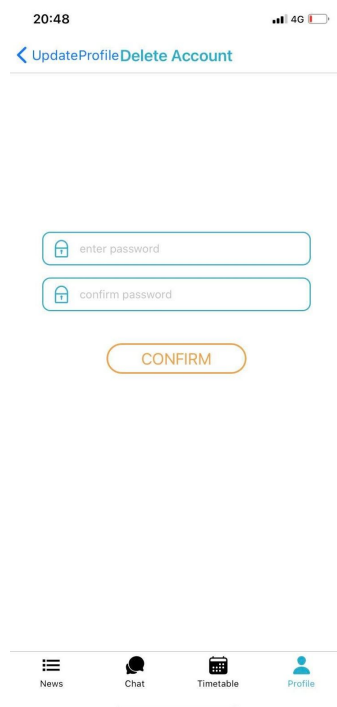
17. User tries to login with an old password but can gain access with their new password.



18. Resetting Password



20. Deactivate Account and details deleted from the database.



dcuhub1

chloe.ward35@mail.dcu.ie0/0

Authentication

UsersSign-in methodTemplatesUsage

Search by email address, phone number or user UID

Add user

Identifier	Providers	Created	Signed in	User UID
solana@gmail.com		3 Mar 2021	3 Mar 2021	FtdRkPLwHehFh1Rgqp4BVMYEv4L2
gnlaaa@gmail.com		2 Mar 2021	2 Mar 2021	HOS7DxxJCobXlknfurKW6mkV00...
ikares@gmail.com		2 Mar 2021	2 Mar 2021	JPBimK1XCpZ27XLSS3zz12v9c3z2
alaska@gmail.com		4 Mar 2021	4 Mar 2021	LCnqpaKjPASGuYrcPvcZ0TG8M33
hey@gmail.com		7 Mar 2021	7 Mar 2021	LObNAUI736Mexilyk3XLLB9cvZw1
test1@gmail.com		23 Feb 2021	4 Mar 2021	M4soKMP4IS2JupiBr94aLaesw1
liza@gmail.com		1 Mar 2021	1 Mar 2021	NPEuyELxvadO1KRB0laDXC212qJ
aria@gmail.com		7 Mar 2021	7 Mar 2021	SBbzQDphNAUFY0psJrINXKepdz2

dcuhub1

/EiUpOG74pwgXxaYw9ehj530/0

Cloud Firestore

DataRulesIndexesUsage

userProfile > 6DXI7qLRpZfsv...

dcuhub1

userProfile

6DXI7qLRpZfsv62J6xOpANTjgVh2

+ Start collection

+ Add document

+ Start collection

userProfile >

6DXI7qLRpZfsv62J6xOpANTjgVh2 >

+ Add field

users

80UVVBT5LdgdEXT52N2C1kYQp3J3
8SFY41fPUORdh6P5xDQg48ktsA3
9JrXaKAox6T2bXjNitrHAIDCubF2
A0BJTRobQENEqBIFCt5XofYw81J2
CLCC2v5mVLShCJqmQ13L3rouyyj2
D9LuVgtrnaVcrUNudEa0jLBFB4v2
FtdRkPLwHehFh1Rgqp4BVMYEv4L2
HOS7DxxJCobXlknfurKW6mkV00X2
ISdPhxxebnaY1C7YJK13uSiUI4x2
JPB1mk1XCpZ27XLSS3zz12v9c3z2
K6HgUS8149h5FIk6BkuPo2puiWJ2
LCnqpaKjPASGuYrcPvcZ0TG8M33
Lztzu6vvyk8Y2oVtEuyn1lwdFYrB3

bio: "Born and raised in PH"
code: ""
dayofbirth: ""
firstName: "Joanna Elaijah"
image: null
link: ""
location: ""

Cloud Firestore location: nam5 (us-central)