MOBILE APP FOR PUBLIC SAFETY

IT 691 – CAPSTONE PROJECT

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PUBLIC SAFETY MOBILE APP

THIS APP SERVICE IS ENABLING PEOPLE TO SHARE INTELLIGENCE ABOUT DAILY NEARBY INCIDENTS IN THE CITY WHICH REQUIRED IMMEDIATE MEDICAL ASSISTANCE.

BY SHARING THE NEARBY CRITICAL INCIDENT EXPERIENCES MAY HELP OTHERS SAFETY AND ALSO CONNECT WITH FELLOW PEOPLES AND ENHANCE PUBLIC SERVICES.

AS THIS SYSTEM CAPTURE THE NEARBY REPORTED INCIDENTS AND PROVIDE NOTIFICATION TO FIRST RESPONDER & PROFESSIONAL USERS BASED ON THEIR LOCATION. SO, IT HELPS TO STIMULATE COMMUNICATION, COOPERATION, RECIPROCITY AND SOCIAL COHESION BETWEEN ALL USERS IN ORDER TO MAKE THE APP USEFUL.

HERE PROFESSIONAL USER'S ARE CERTIFIED OFF-DUTY PROFESSIONALS AS WELL AS FIRST RESPONDERS WHO ARE WITHIN THE AREA OF THE PATIENT AND CAN EXPEDIENTLY PROVIDE LIFESAVING MEASURES BEFORE EMERGENCY MEDICAL RESPONDERS ARRIVE. THE SECONDARY GOAL OF THIS APPLICATION WILL BE TO PROVIDE FIRST RESPONDERS WITH A MORE ACCURATE LOCATION OF THE PATIENT IN NEED BY UTILIZING GLOBAL POSITIONING SYSTEM TECHNOLOGY

PRIVACY APP LINK :- HTTPS://PUBLIC-UNITY-SAFETY.FLYCRICKET.IO/PRIVACY.HTML

CODE SHARED AT :- HTTPS://GITHUB.COM/PACE-UNIVERSITY-CAPSTONEPROJECTS/TEAM10--CS691-692-IT691-SPRING-2020

PUBLIC SAFETY MOBILE APP

FLUTTER :- FLUTTER IS GOOGLE'S MOBILE APP SDK WHICH HAVE COMPLETE FEATURES WITH A FRAMEWORK, WIDGETS, AND TOOLS. ITS EASY TO BUILD AND DEPLOY FAST AND ALSO DEVELOPMENT CAN DONE ON BOTH ANDROID AND IOS PLATFORMS SIMULTANEOUSLY.

USER AUTHENTICATION :- FLUTTER PROVIDE AUTHENTICATION LIBRARIES AS A COMMON TASK PUT ON MOBILE APPS.

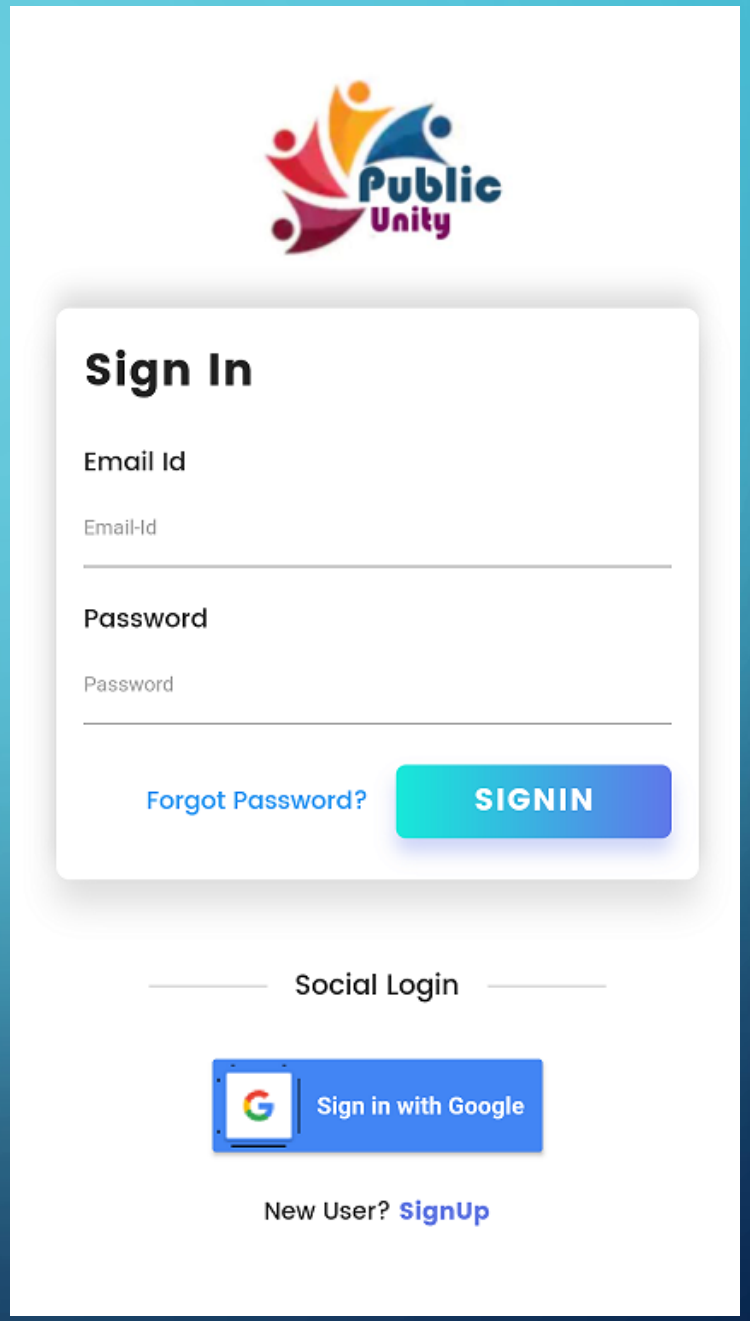
DART LANGUAGE :- DART IS GOOGLE'S MODERN PROGRAMMING LANGUAGE SINCE 2011.ITS INTERMEDIATE WITH OBJECT ORIENTED PROGRAMMING AND GENERICS.

FIREBASE :- TO SETUP AND STORE CRUD OPERATIONS.

GEOLOCATOR/GEOLOCATION PLUGIN :- THIS FLUTTER GEOLOCATION PLUGINS HELPFUL TO TRACK SPECIFIC LOCATION OF PROVIDE NOTIFICATIONS ON NEARBY INCIDENTS.

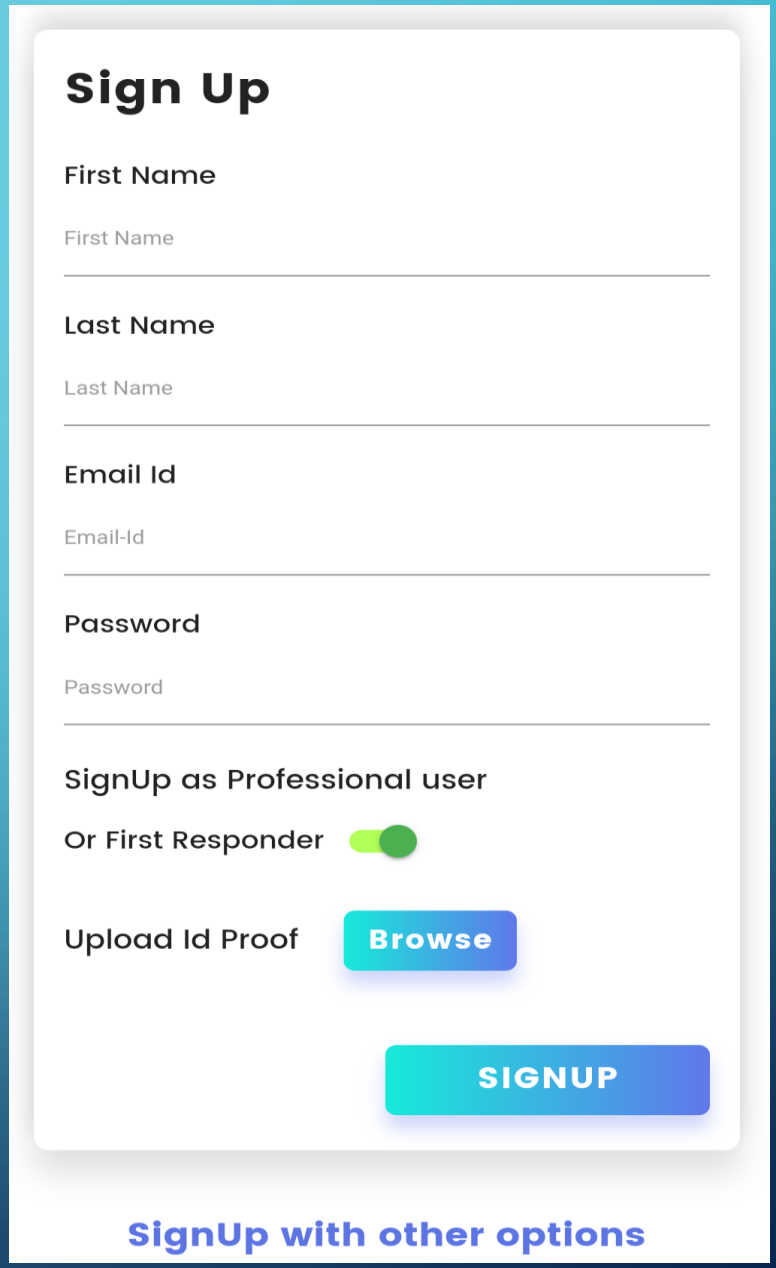
SIGN IN PAGE

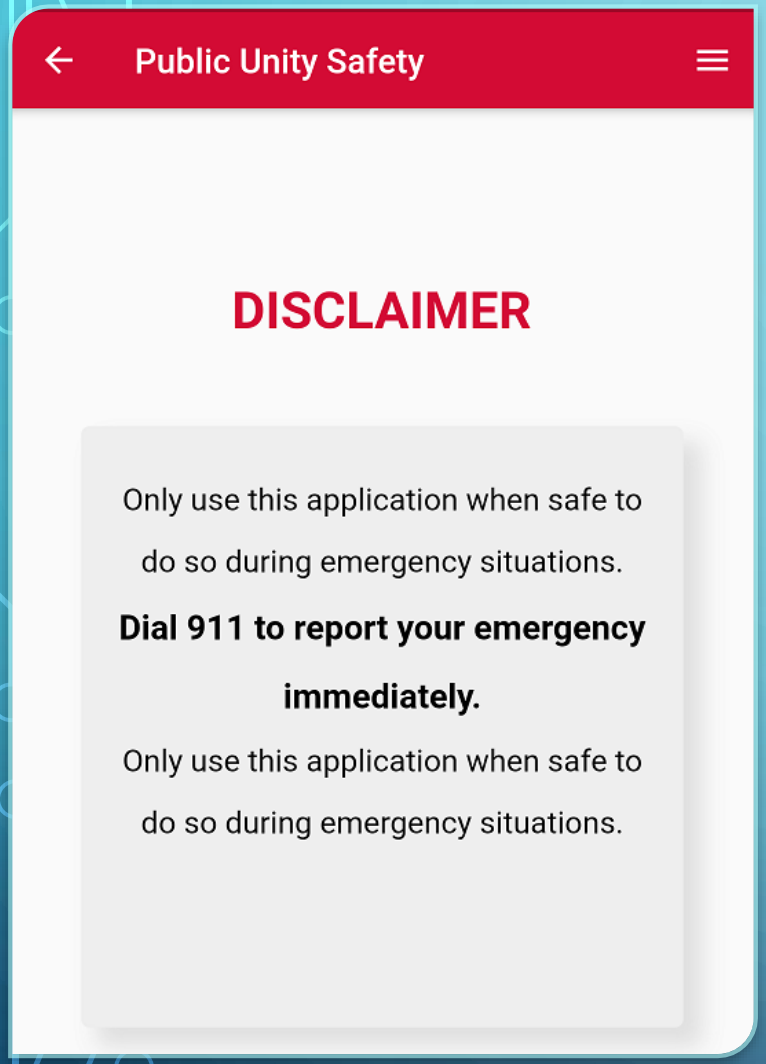
OPTION TO SIGN IN WITH EMAIL-ID OR GOOGLE SIGN-IN



SIGN UP

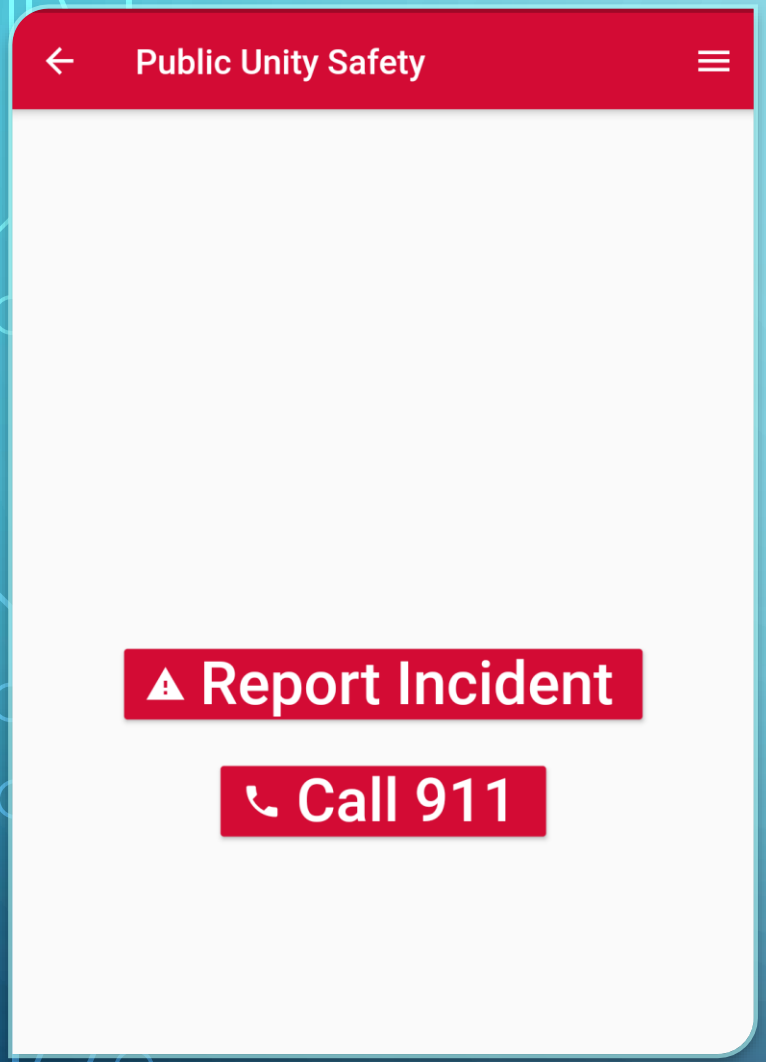
OPTION TO SIGN UP AS FIRST RESPONDER/PROFESSIONAL OR CIVIL USER





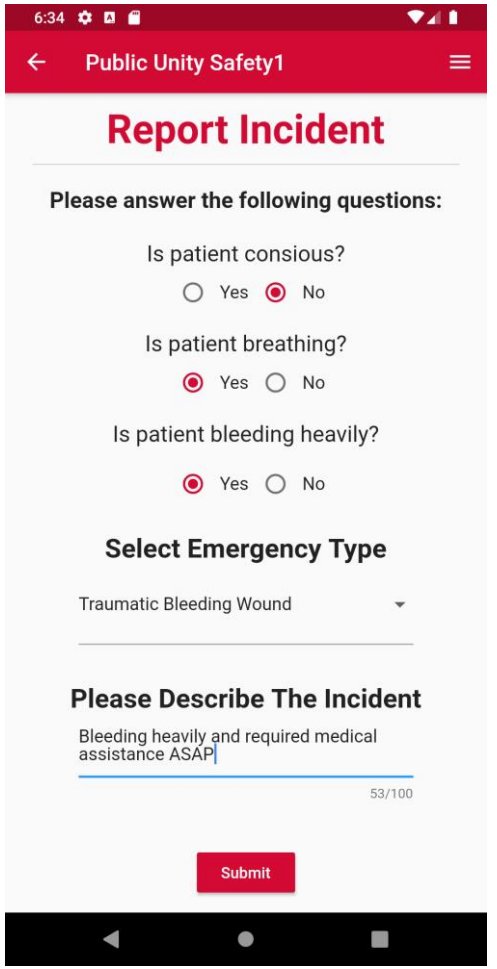
DISCLAIMER PAGE

TO MAKE SURE THIS APP IS NOT FOR EMERGENCY

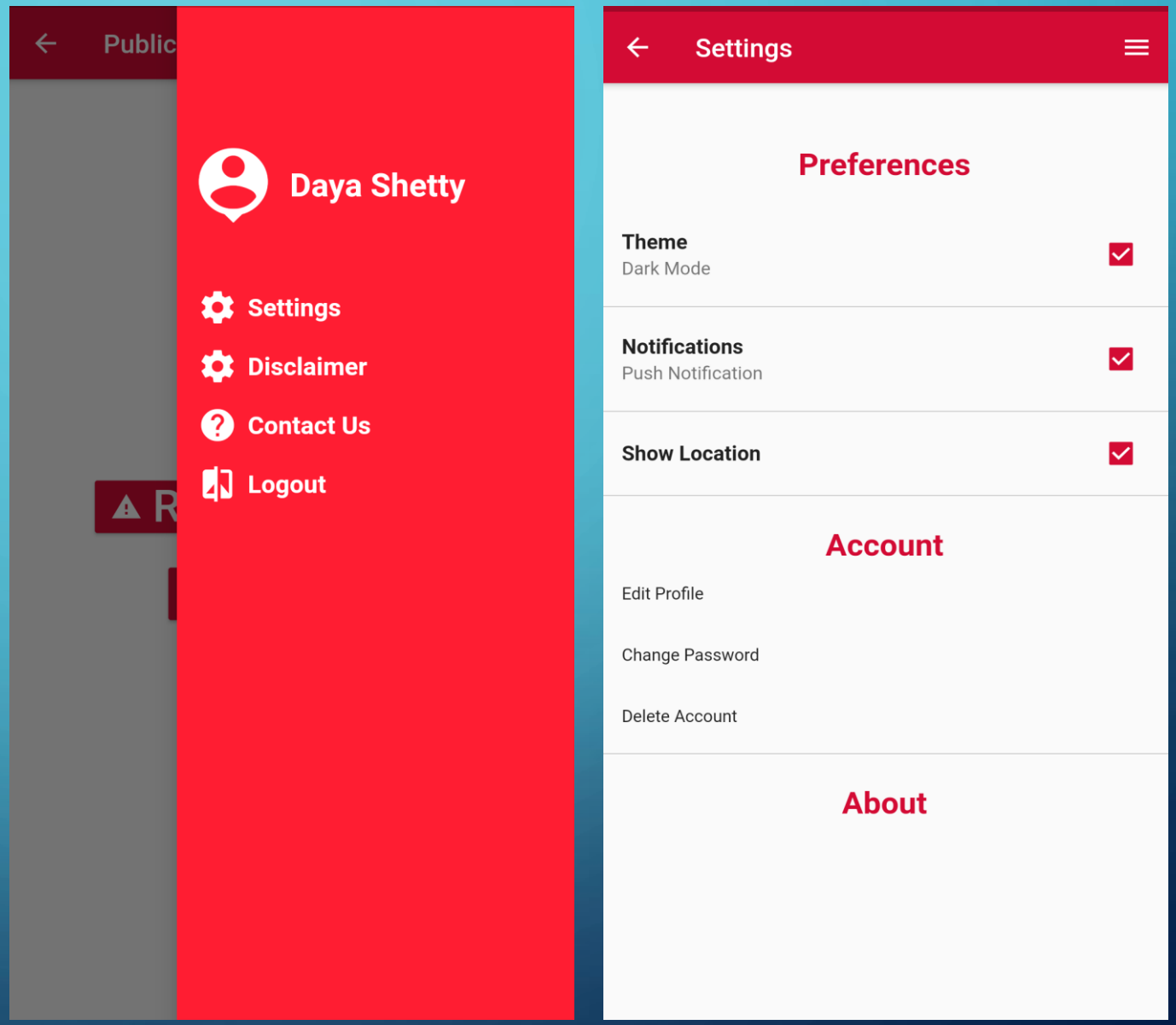


LANDING PAGE OF CIVIL USER

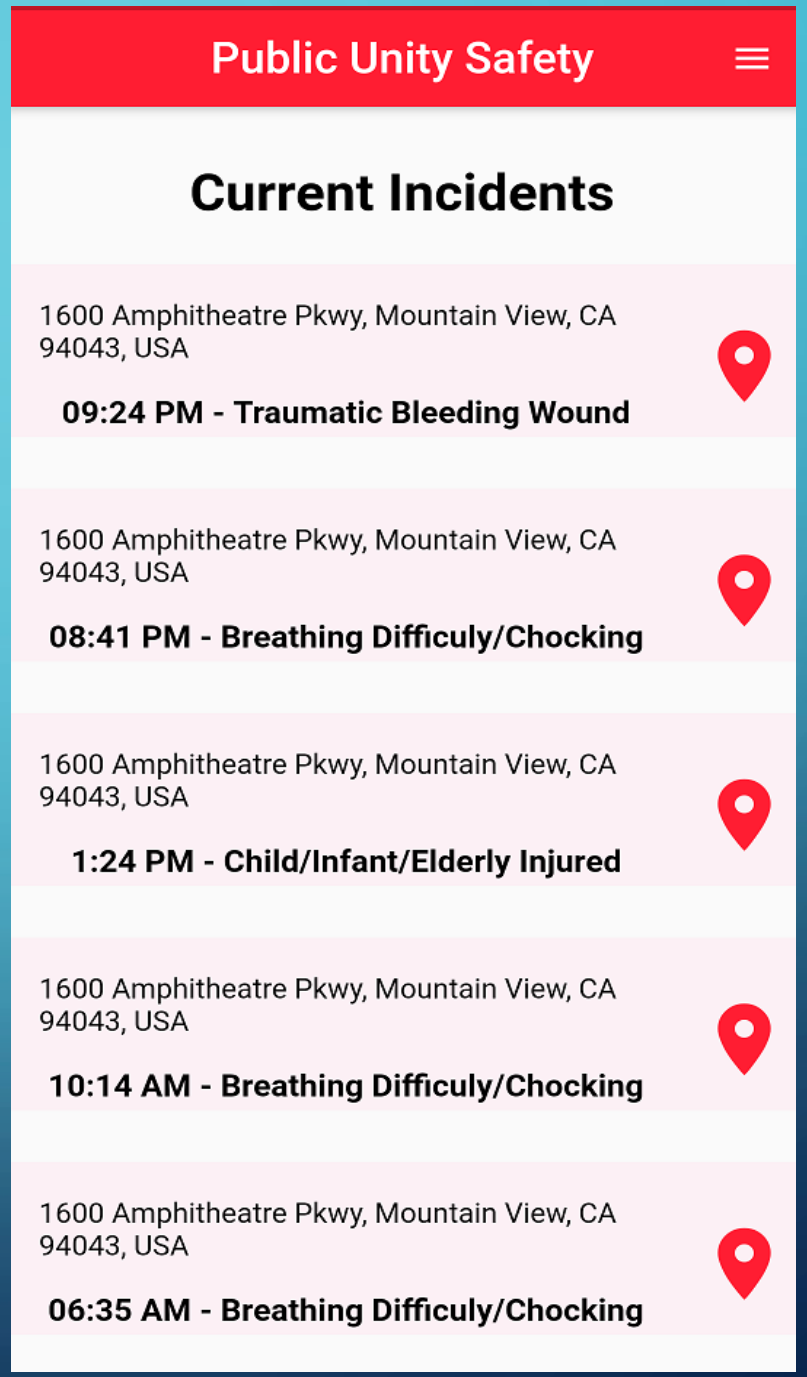
REPORT AN INCIDENT



SETTING PAGE

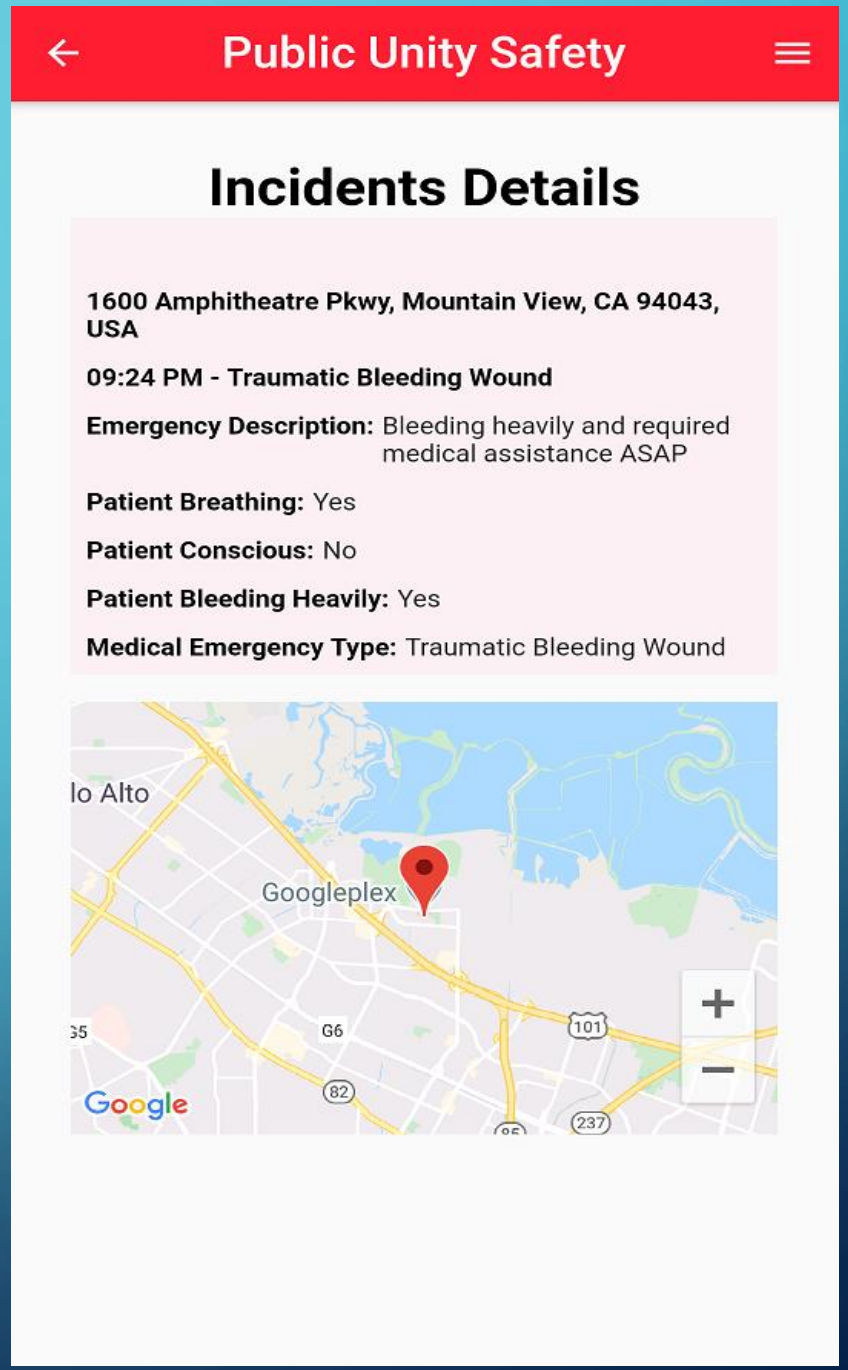


FIRST RESPONDER LANDING PAGE

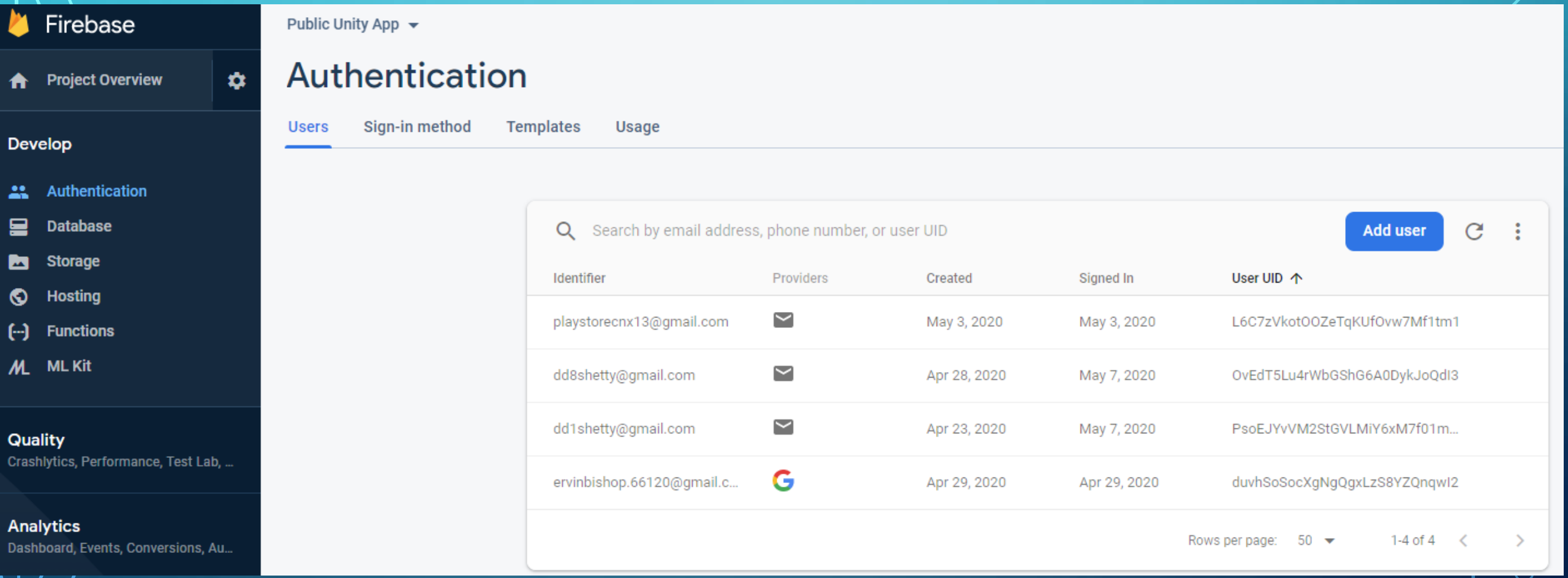


FIRST RESPONDER INCIDENT DETAILS

HERE, FIRST RESPONDER CAN SEE FULL DETAILS OF PARTICULAR REPORTED INCIDENT DETAILS. OPTION TO EASILY NAVIGATE TO THE INCIDENT LOCATION

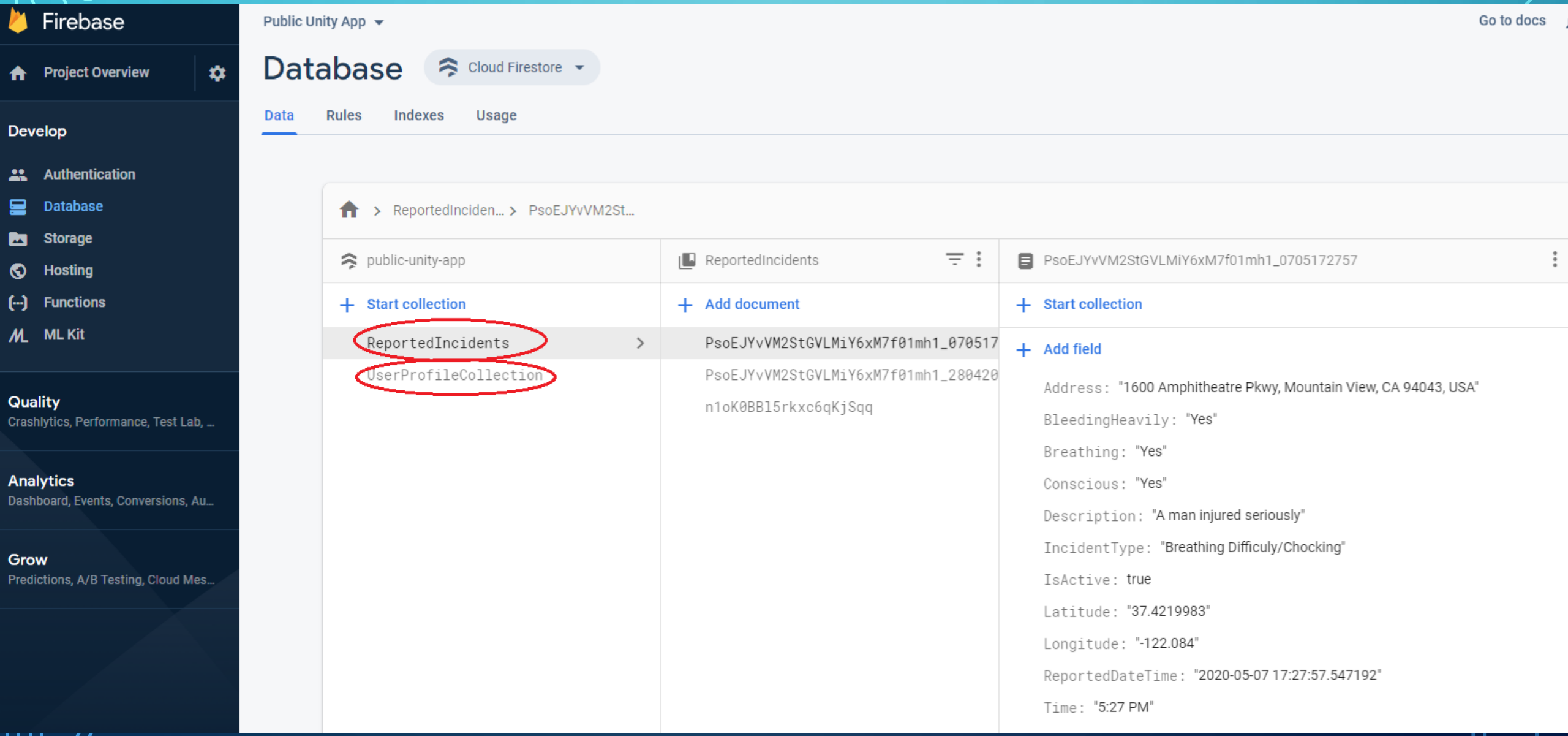


FIREBASE AUTHENTICAION



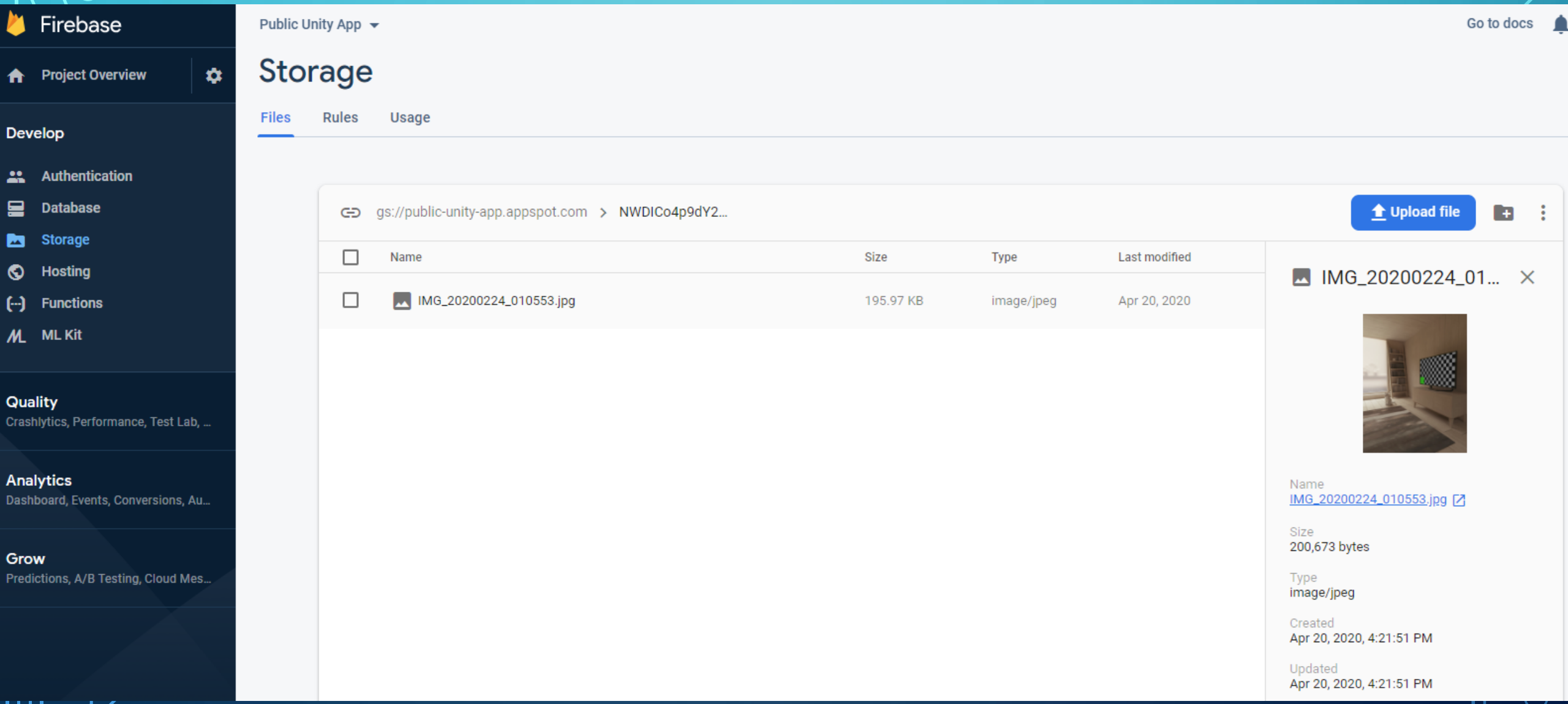
FIREBASE DATABASE

Registered user Collection
& Reported Incident details



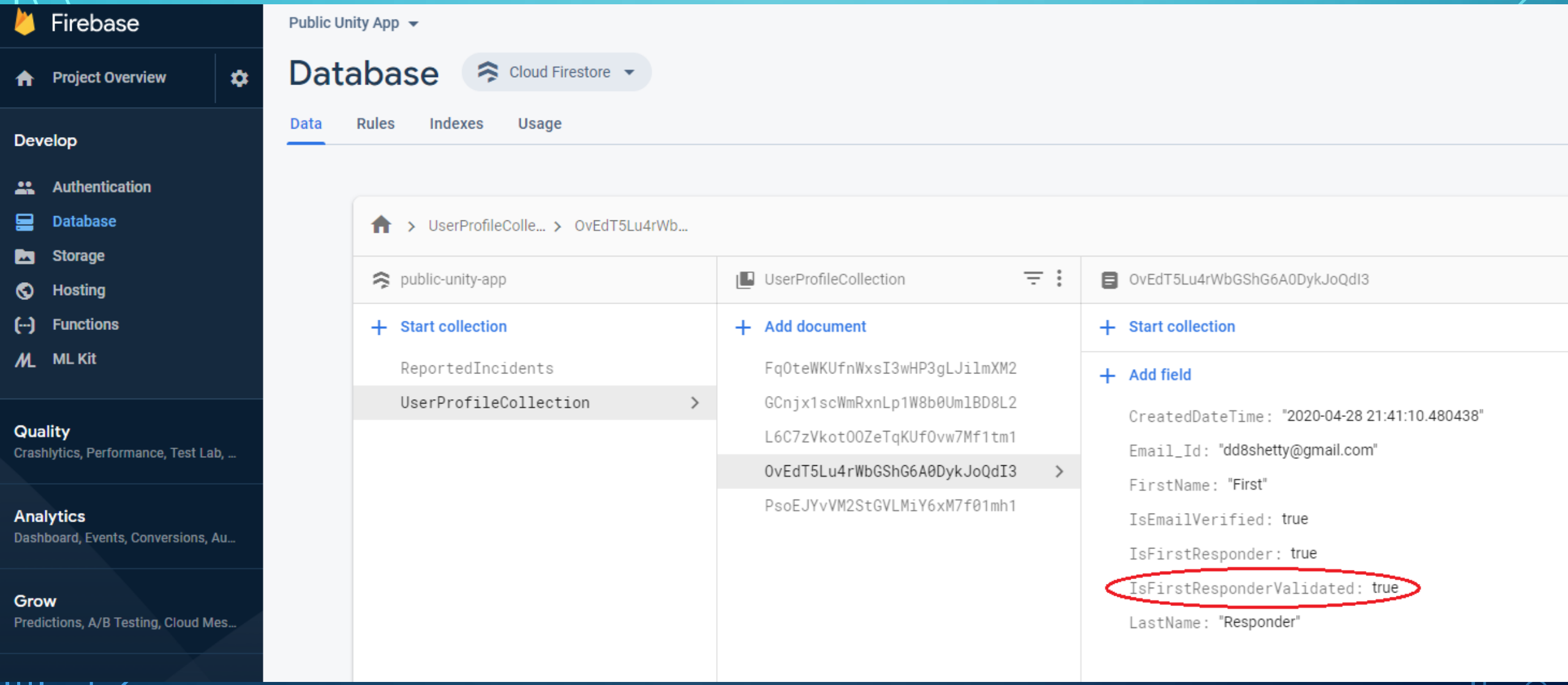
FIREBASE STORAGE

Id Proof validation provided by First Responder/Civil User

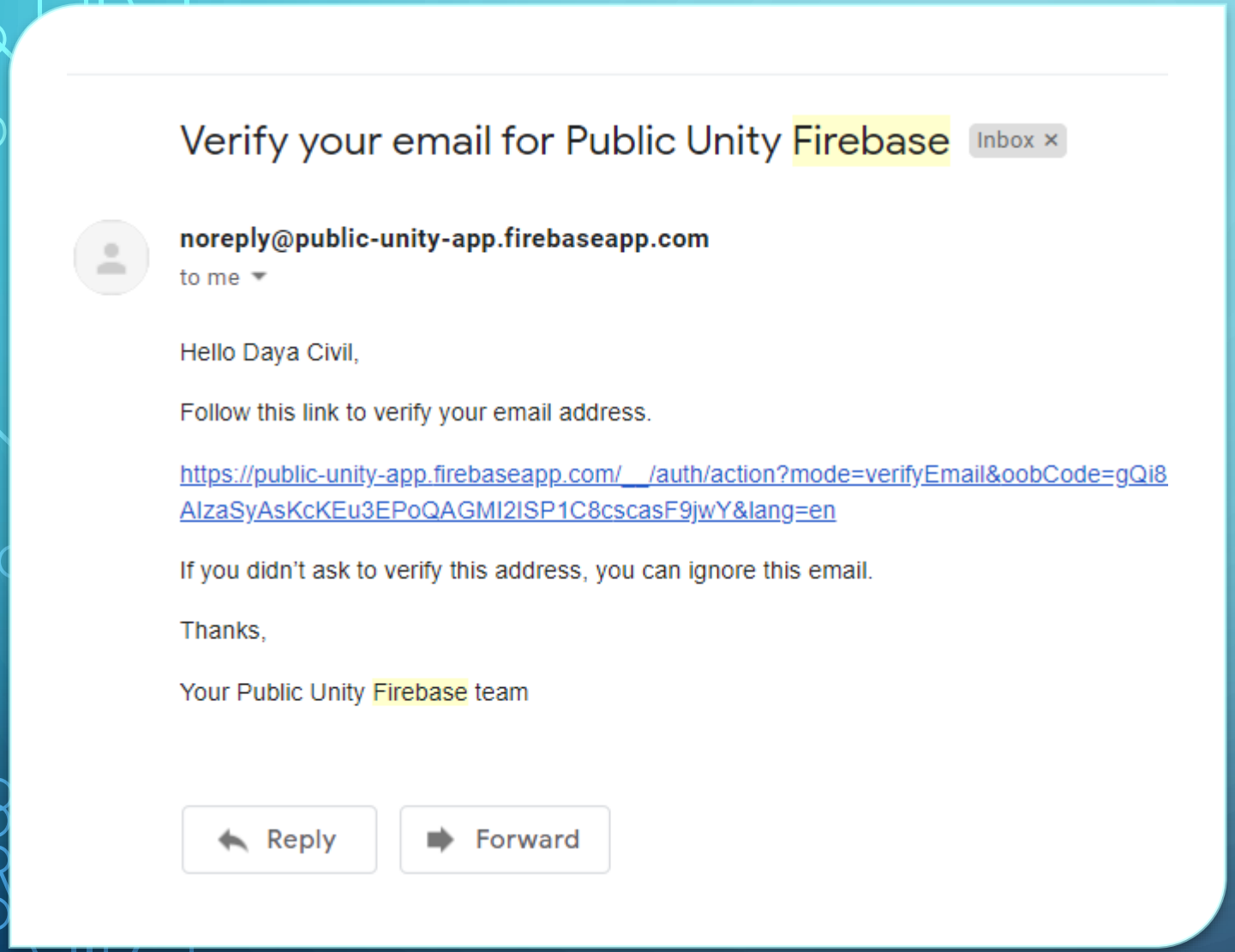


FIREBASE STORAGE

First Responder/Civil User are set to login only after IsFirstResponderValidated set to TRUE



VERIFY EMAIL AFTER REGISTRATION TO OUR APP



Verify your email for Public Unity Firebase Inbox ×

noreply@public-unity-app.firebaseapp.com
to me

Hello Daya Civil,

Follow this link to verify your email address.

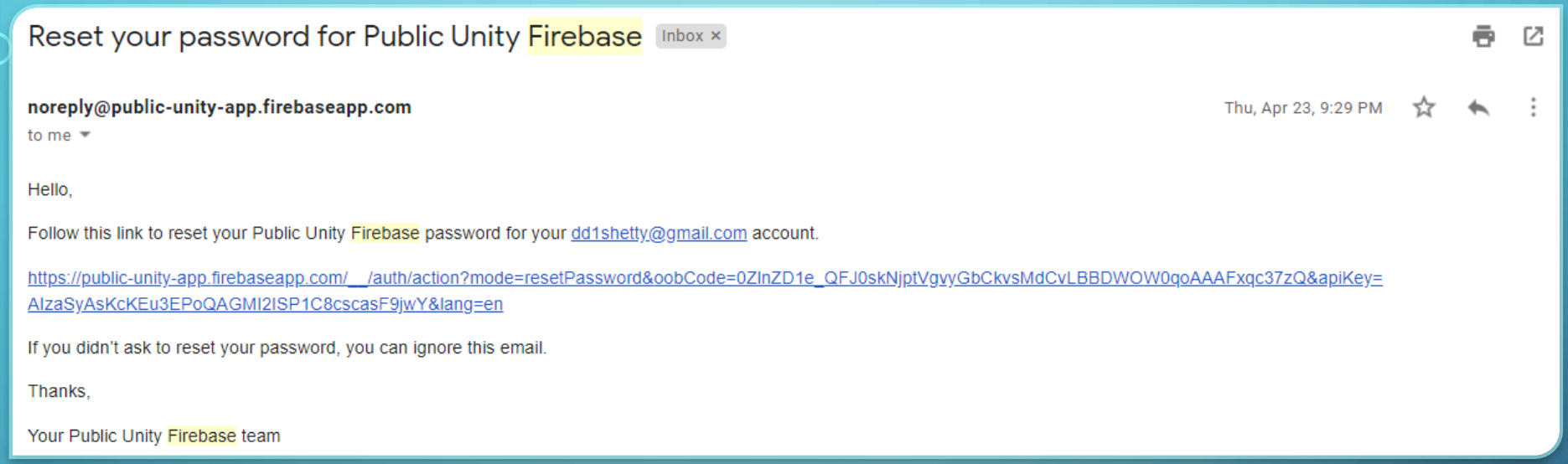
https://public-unity-app.firebaseapp.com/__/auth/action?mode=verifyEmail&oobCode=gQi8AIzaSyAsKcKEu3EPoQAGMI2ISP1C8cscasF9jwY&lang=en

If you didn't ask to verify this address, you can ignore this email.

Thanks,

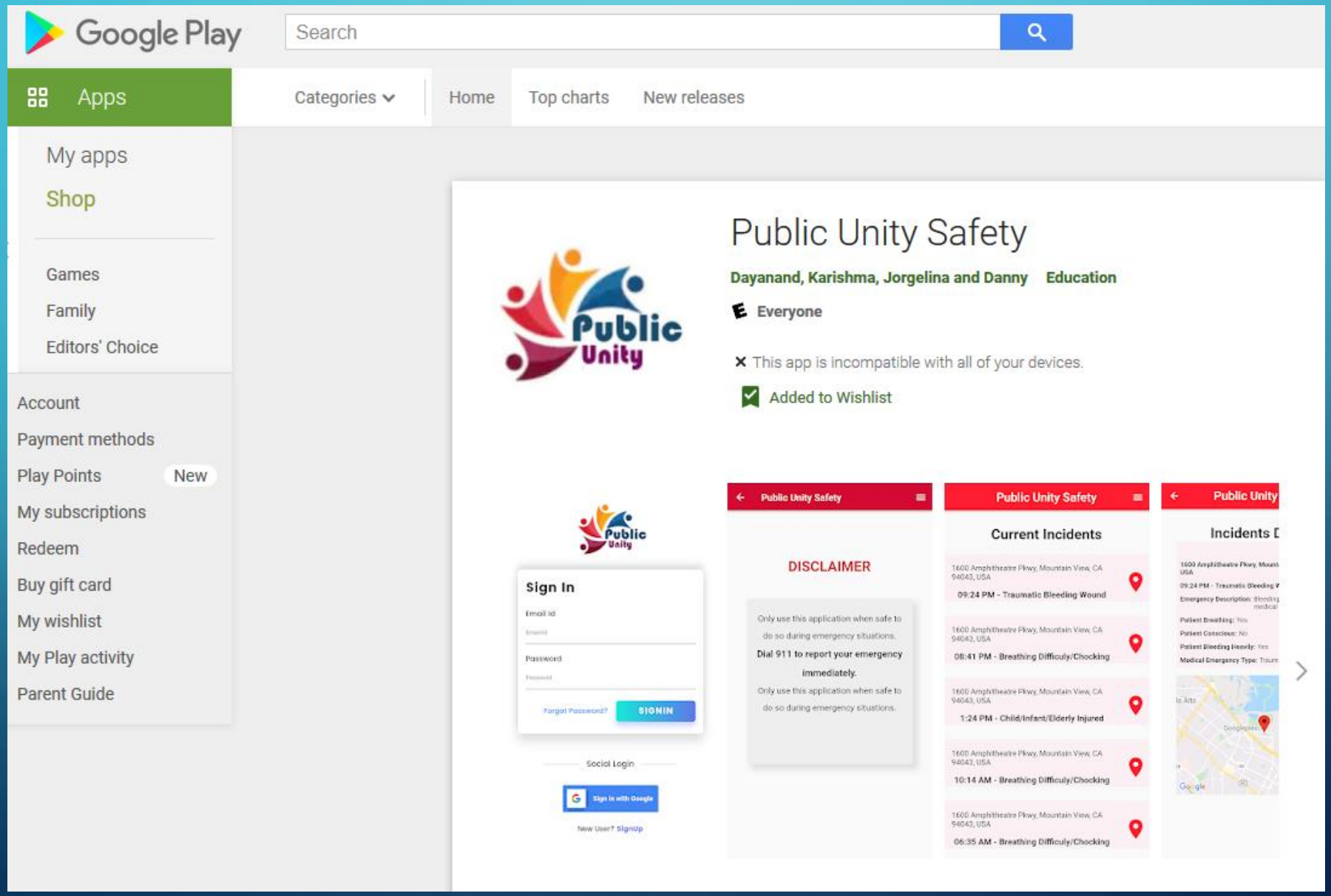
Your Public Unity Firebase team

Reply Forward



RESET PASSWORD

APP PUBLISHED TO GOOGLE PLAY STORE



THANK YOU

ANY QUESTIONS?