Chat application using firebase database solutions and FCM service

The application is divided to 2 sections : Login Screen & Chat Screen

Login screen uses Google sign-in methods along side with Google-auth-ui components

Chat Screen uses Recycler View for message display, Listening for changes in firestore database

When a message is sent, application uses Volley to create a network request to FCM service

Which send a notification to the “all” topic and triggers a push notification in app-using devices

Messages are shown sorted by date, sending a message scrolls to last message using scrollToPosition

Different user messages are shown at opposite chat side

Models:

ChatMessage

Date

SenderName

SenderId

SenderPhoto (from google)

Content