**Design a Real time Messaging System**

Features

* One to one chat
* Group messaging
* Last seen
* Image/video share
* Read receipts
* Notifications

Technical goals

* Low latency system
* High volume requests
* Reliable
* Secure

System Design:

<https://lucid.app/lucidchart/d7e0fe02-6174-4f4d-b2ff-587b4e3af35e/edit?beaconFlowId=691949C2CAE4A483&invitationId=inv_20e38711-76e9-4b19-8338-d2762f987138&page=0_0#>