

Quote of the day : Requirements

Main requirements:

- After downloading the application, every day a quote will be downloaded on the user's mobile.
 - If a time is not specified, the quote will be downloaded at 6:00AM IST
 - If the user specifies a time then the quote should be downloaded at the requested time
- The quote should appear in the form of a notification
- In the app, the quote should be an image
- Background images to change on a daily basis (chose from a set of images)
- Quotes should be downloaded from a server, the should not be cached in the app. It must be a 'push' model.
- Share the with friends (link to app should be sent)
- Give option of login through facebook or google
- Older quotes:
 - The user should be able to view older quotes (up to one year).
 - Design a UI for the same.
 - Date range / Number of quotes / Quote for a particular day
 - Should results be paginated
- Embedding of audio / video in page. Do not allow downloads.

Reference application for quotes:

<https://play.google.com/store/apps/details?id=com.studiod.lawofattraction>

Reference application for video embedding:

Uda City

Boundary cases (with proposed solutions):

- What is the WiFi & data are off at the time of quote download
 - >> It should download next time the phone connects
- What is the mobile is shut down for 1 day / a week?
 - >> Quote for the current day should be downloaded only. In case the time is still to come for the day & the user had missed yesterday's quote, then yesterday's quote to comeup
- What if the user does not swipe / cancel a day's quote? Will the next days quote override the old one or should a new notification be added?
 - >> Let them pile up. Ex. Flipkart.

Restrictions:

- User should not be able to go to the view older quotes and view future quotes.
- Export of quotes from the application in any format is not allowed.

Analytics:

Analytics should be possible. Suggest some

Technical considerations:

- Deployment Scenario?
- Git hub