

1. Develop a service to enable the users to search the statuses posted on Facebook by their friends.
2. Consider that these statuses will only contain text for this particular question.

Design Live Commenting

This question is not related to Live Videos. This question is related to the active real-time feed of comments in this question,

1. Design the backend of a system that can enable real-time commenting on Facebook posts.
2. The users should be able to see the new comments in real-time for the posts visible in front of them.

Design Facebook News Feed

In the Design Facebook News Feed question, design the following key features and their APIs.

1. Facebook users should see the news feed containing posts and statuses from their friends and pages.
2. They can post and like statuses that may contain text, images, and videos.
3. They can send friend requests to other users and follow other pages.

Design Facebook Messenger or WhatsApp

Develop the backend of a messenger system that can,

1. Support 1:1 conversations between two users.
2. Track the online or offline status of the users.

If time remains, discuss more complex features like Group conversations and Push notifications.

Design Instagram

Design a simpler version of Instagram.

1. Users can upload and share photos.
2. They can follow other users.
3. Like the photos posted on Instagram.
4. Instagram users should get a scrollable feed of photos that are posted by the users they follow.

Learn more about the design goals, scale estimations, high-level design overview, and detailed architecture video.

Source: The article published by HackerNoon: <https://hackernoon.com/a-look-at-the-top-questions-for-facebook-va15311j>

system design

facebook system design

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