

Date : 6th - Nov- 2020

Morning Session : 9am – 11.00 PM

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Topics: System Design - 2

Please go through the below Link

[System Design - 2 PPT PDF](#)

1. Suppose we are designing a system like twitter. Below mentioned which requirement will come with non-functional requirements.
 - a. Users should be able to post new tweets.
 - b. Service needs to be highly available.

Answer: B

2. Suppose we are designing a system like twitter. Below mentioned which requirement will come with functional requirements.
 - a. A user should be able to follow other users.
 - b. Acceptable latency of the system is 200ms for timeline generation.

Answer : A

3. Keeping the system Redundant is costly.
 - a. True
 - b. False

Answer: A

4. Which news feed function will be better for applications like instagram?

- a. Get a list of people the user follows and then fetch metadata info of latest 100 photos from each user and then the server will return top 100 photos to the user.
- b. servers that are continuously generating users' News Feeds and storing them in a 'UserNewsFeed' table and then whenever any user needs the latest photos for their News Feed, we will simply query this table and return the results to the user.

Answer: B

Guys attached link will be helpful for system design

<https://github.com/donnemartin/system-design-primer>