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wuyichen24 Update Build_Live_Commenting_System.md

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1 contributor

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Build Live Commenting System

Requirements clarification

- **Functional requirements**
 - Write: Users can write real-time comments to posts.
 - Read: Users can read real-time comments from posts.

High-level design

- There are 2 ways to publish comments to users
 - Push (Fanout and write): Maintains a connection with user to directly send new comments directly.
 - Pros
 - Easy to implement
 - Cons
 - User cannot get the comments generated when he was offline.
 - For mobile platform, system resources are limited to handle lots of new comment.

- Pull (Fanout and load): User needs to request the server to get the new comments when required.
 - Pros
 - User can get the comments generated when he was offline.
 - Cons
 - System have to handle a larget amount of requests.

Detailed Design

