Chat List Using LRU Cache

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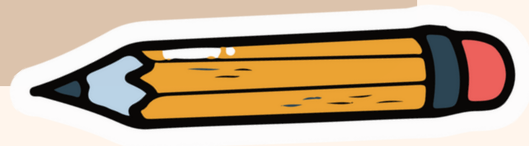
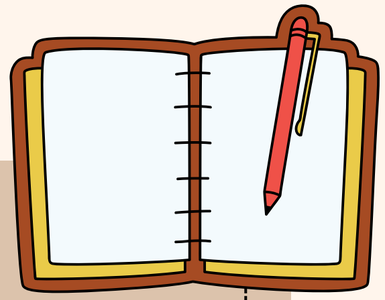
Abstract

Implemented a Chat List web application using the LRU (Least Recently Used) Cache.

It provides insertion, deletion, and searching in constant time. When a message from a new chat arrives, it will be inserted at the top of the chat list. If the message is from an existing conversation, then it will update the chat position to the top.



Data Structures used ?



A LRU cache is designed by combining two data structures: a Linked List and a Hash Map.

- Linked List
- Hash Maps

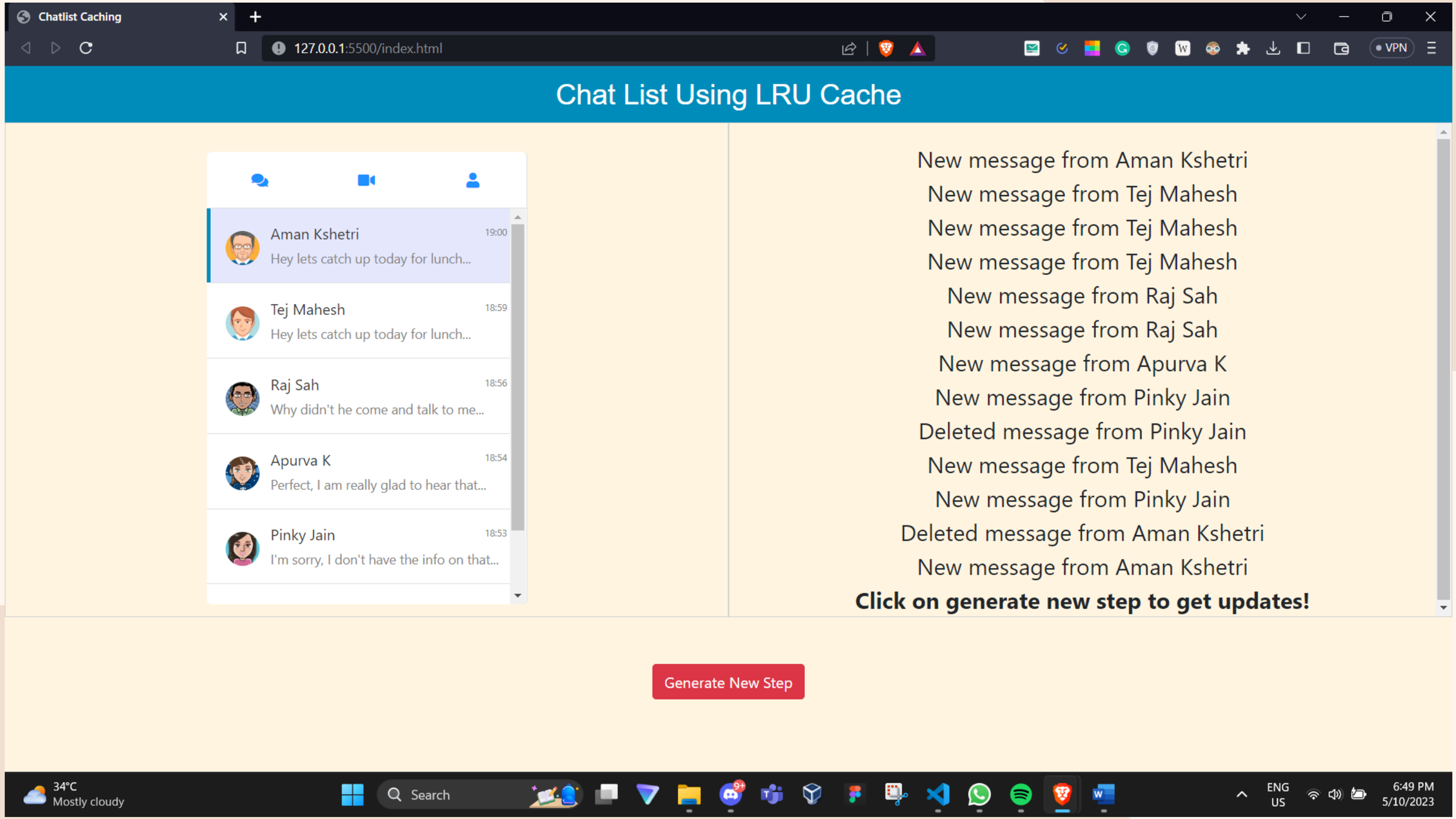
Tech Stack

HTML

CSS

JS

Output Screenshot



THANK YOU SO MUCH!