

Chat List Using LRU Cache

Team Members

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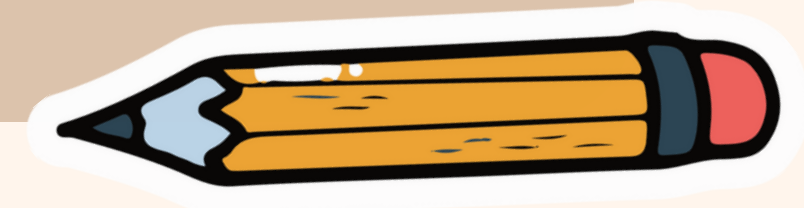
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Abstract

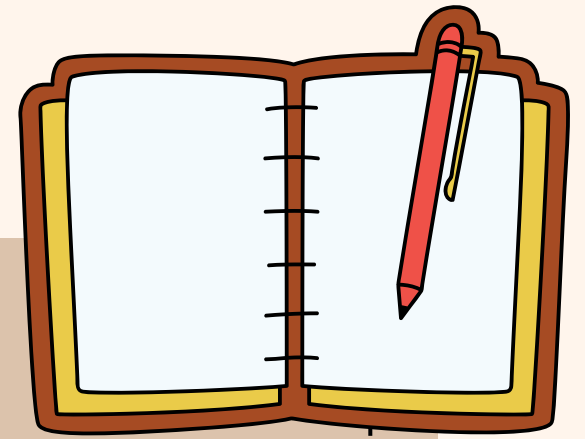


Implemented a Chat List web application using the LRU (Least Recently Used) Cache.

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.

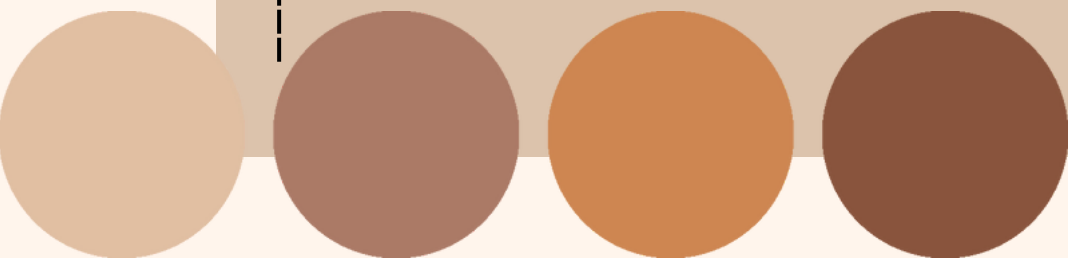


Data Structures used ?



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

Chatlist Caching

127.0.0.1:5500/index.html

VPN

Chat List Using LRU Cache

Aman Kshetri

Hey lets catch up today for lunch...

19:00

Tej Mahesh

Hey lets catch up today for lunch...

18:59

Raj Sah

Why didn't he come and talk to me...

18:56

Apurva K

Perfect, I am really glad to hear that...

18:54

Pinky Jain

I'm sorry, I don't have the info on that...

18:53

New message from Aman Kshetri

New message from Tej Mahesh

New message from Tej Mahesh

New message from Tej Mahesh

New message from Raj Sah

New message from Raj Sah

New message from Apurva K

New message from Pinky Jain

Deleted message from Pinky Jain

New message from Tej Mahesh

New message from Pinky Jain

Deleted message from Aman Kshetri

New message from Aman Kshetri

Click on generate new step to get updates!

Generate New Step

34°C Mostly cloudy

Search

ENG US

6:49 PM 5/10/2023

THANK YOU
SO MUCH!

