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Course: DSCI 551

Assignment: Week 2 Summary

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Week 2 Summary

This week's topic is about firebase and REST. I think my top gains in this week are CRUD commands in terminal, how to set up real-time database in firebase, and JSON file format. To summarize the specific contents, I will use the following charts to demonstrate.

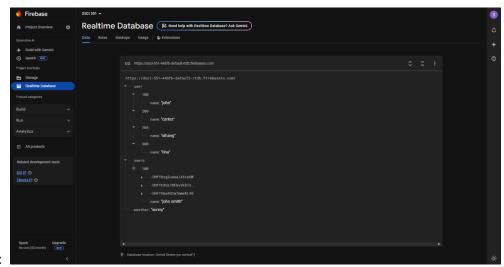
CRUD:

Initial	Definition	Command
С	Create	PUT/POST
R	Retrieve/read	GET
U	Update	PATCH
D	Delete	DELETE

Ordering and filtering

Command	Notation
orderBy="\$key"	This is asking for order by key
orderBy="\$value"	This is asking for order by value
orderBy="name"	This is asking for order by name
startAt=25, endAt=25, equalTo=25,	This is asking for sorting at a starting, end,
equalTo="john"	or equal
limitToFirst=1, limitToLast=1	This is asking for sorting at earliest or latest

Here are some demonstrations of in-class exercises:



Firebase/JSON:

CRUD commands applications on EC2 terminal:

Some challenges:

When I was trying to curl the JSON file in firebase, I firstly found that the return said "permission denied". I thought I missed something by professor. After checking the internet, I found that I need to change the rules in realtime database to permit read and write.

I think this week's content is a reall good starting point for me to gain more knowledge about terminal and coding. I will do some extra exercises to enhance my ability.