**Exchange Rate Application**

Instructions:-

1. Import application in any IDE and run maven build

mvn clean install

1. Run StartExchangeRateApplication.java class to start the application
2. Now use any Rest client like Postman or browser to test services

To get latest rate:- <http://localhost:8080/exchange/getLatestRate>

To get historical rate :- <http://localhost:8080/exchange/getHistoricalRate?startDate=2020-02-19&endDate=2020-02-23>

1. To check H2 console

Run application then hit below URL on browser

<http://localhost:8080/h2-console>

A screenshot of a cell phone

Description automatically generated

fill details as above and press connect you see below screen.

A screenshot of a social media post

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Note- Data will not be available for historical dates as I am using in-memory DB so every time you restart the application will refresh the db. So for historical data query between current date only. Or do some manual insert in schema.sql file in resource folder. I have put some sample insert there.

**Sequence Diagrams:-**

1. Scheduler sequence diagram

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1. Sequence diagram to Get latest exchange rate

A screenshot of a cell phone

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1. Sequence diagram to get historical rates

A screenshot of a social media post

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