Project4Task1

Team Member:

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Name of the API:

Frankfurter App

The URL of the API documentation

https://www.frankfurter.app/

what our mobile application will do with the information from the API

The mobile application is a currency converter application for certain currencies that converts the amount entered by the user to the desired currency selected by the user. The application will ask the user for a number as an input and asks the user for the currency to be converted from and the currency to be converted to from the dropdown provided in the application, and call the Frankfurter API and get the converted currency from the API. Finally, the application will then display the converted currency in the application.

1b Screenshot

```
/Library/Java/JavaVirtualMachines/jdk-17.0.3.1.jdk/Contents/Home/bin/java -javaagent:/Applicatio
https://api.frankfurter.app/latest?amount=20.0&from=AUD&to=EUR
You get 12.8891 EUR for 20.0 AUD on 2022-11-03

Process finished with exit code 0
```

2c Screenshot

```
MongoDB ×                                                                                          ⚙  —

Please insert username
User
1: USD  2: AUD  3: BGN  4: BRL  5: CAD
6: CHF  7: CNY  8: CZK  9: DKK  10: EUR
11: GBP 12: HKD 13: HRK 14: HUF 15: IDR
16: ILS 17: INR 18: ISK 19: JPY 20: KRW
21: MXN 22: MYR 23: NOK 24: NZD 25: PHP
26: PLN 27: RON 28: SEK 29: SGD 30: THB
31: TRY 32: ZAR
Please select the currency you have
3
How much money of the currency do you have?
300
Please select the currency you need
1
[main] INFO org.mongodb.driver.cluster - Cluster created with settings {hosts=[ac-hdxdkkm-shard-00-00.grw8a3t.mongodb.net:27017, ac-hdxdkkm-shard-00-01.grw8a3t.mongodb.net:270
[main] INFO org.mongodb.driver.cluster - Adding discovered server ac-hdxdkkm-shard-00-00.grw8a3t.mongodb.net:27017 to client view of cluster
[main] INFO org.mongodb.driver.cluster - Adding discovered server ac-hdxdkkm-shard-00-01.grw8a3t.mongodb.net:27017 to client view of cluster
[main] INFO org.mongodb.driver.cluster - Adding discovered server ac-hdxdkkm-shard-00-02.grw8a3t.mongodb.net:27017 to client view of cluster
[main] INFO org.mongodb.driver.cluster - Cluster description not yet available. Waiting for 30000 ms before timing out
[cluster-ClusterId{value='636418f383e4310e59937392', description='null'}-ac-hdxdkkm-shard-00-00.grw8a3t.mongodb.net:27017] INFO org.mongodb.driver.connection - Opened connecti
[cluster-rtt-ClusterId{value='636418f383e4310e59937392', description='null'}-ac-hdxdkkm-shard-00-02.grw8a3t.mongodb.net:27017] INFO org.mongodb.driver.connection - Opened conn
[cluster-rtt-ClusterId{value='636418f383e4310e59937392', description='null'}-ac-hdxdkkm-shard-00-01.grw8a3t.mongodb.net:27017] INFO org.mongodb.driver.connection - Opened conn
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[cluster-ClusterId{value='636418f383e4310e59937392', description='null'}-ac-hdxdkkm-shard-00-01.grw8a3t.mongodb.net:27017] INFO org.mongodb.driver.cluster - Monitor thread suc
[cluster-ClusterId{value='636418f383e4310e59937392', description='null'}-ac-hdxdkkm-shard-00-02.grw8a3t.mongodb.net:27017] INFO org.mongodb.driver.cluster - Monitor thread suc
[cluster-ClusterId{value='636418f383e4310e59937392', description='null'}-ac-hdxdkkm-shard-00-00.grw8a3t.mongodb.net:27017] INFO org.mongodb.driver.cluster - Monitor thread suc
[cluster-ClusterId{value='636418f383e4310e59937392', description='null'}-ac-hdxdkkm-shard-00-02.grw8a3t.mongodb.net:27017] INFO org.mongodb.driver.cluster - Discovered cluster
[cluster-ClusterId{value='636418f383e4310e59937392', description='null'}-ac-hdxdkkm-shard-00-02.grw8a3t.mongodb.net:27017] INFO org.mongodb.driver.cluster - Setting max electi
[cluster-ClusterId{value='636418f383e4310e59937392', description='null'}-ac-hdxdkkm-shard-00-02.grw8a3t.mongodb.net:27017] INFO org.mongodb.driver.cluster - Setting max set ve
[cluster-ClusterId{value='636418f383e4310e59937392', description='null'}-ac-hdxdkkm-shard-00-02.grw8a3t.mongodb.net:27017] INFO org.mongodb.driver.cluster - Discovered replica
[main] INFO org.mongodb.driver.connection - Opened connection [connectionId{localValue:7, serverValue:6091119}] to ac-hdxdkkm-shard-00-02.grw8a3t.mongodb.net:27017
User Leo transfer 1000 CAD to USD
User Yash transfer 10000 USD to INR
User User transfer 300 BGN to USD
```