

Business Requirements Document

##1. Brief Overview

Restore historical currency rate data.

#2. Action Explanation

Schedule a job to be triggered every day to call the source API, retrieve real-time currency rates, and store the information in the database.

#3. Outcome Explanation

Maintain a database for user access

4. Definition of Done

The database can successfully store information.

The scheduled job runs as expected.

Users can retrieve the expected data.

Solution Document

##1.Database

Json

```
{
  {
    "timestamp": time1,
    "base": "GOLD",
    "unit": "gram",
    "rates": {
      "GOLD": 0.01,
      "USD": USD Rate(double),
      "EUR": EUR Rate(double),
      "GBP": GBP Rate(double),
      "JPY": JPY Rate(double),
      "CNY": CNY Rate(double),
      "AUD": AUD Rate(double)
    }
  }
}
```

2. Complete the schedule job func use the "node- schedule" library.

3. Using Node.js

Use Node.js with the Express framework to develop the API

Use sequelize or TypeORM to interact with the database.