# RESTful API Project

# API Specification Document

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# INFO 762 Interoperability

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## Fiscal Data API

For the fiscal data API, I used the U.S. Department of the Treasury open-source tool about federal finances to the public located at, <https://fiscaldata.treasury.gov/api-documentation/>. The data returns as JSON, Dictionary data type. After clicking the link, scroll down to view the Base URL, <https://api.fiscaldata.treasury.gov/services/api/fiscal_service>. A screenshot of a computer

Description automatically generated

The endpoint I chose to use is, <https://api.fiscaldata.treasury.gov/services/api/fiscal_service/v1/accounting/od/rates_of_exchange>.

Additionally, I chose to filter for only the columns of information I would use.

A screenshot of a computer code

Description automatically generated

## Gamer Power API

For the fiscal data API, I used an API that accesses gaming giveaways, located at <https://www.gamerpower.com/api-read>. After scroll down to view the Base URL, <https://gamerpower.com/api>.

A screenshot of a computer screen

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The data returns as JSON, List data type. The endpoint I chose to use is, <https://gamerpower.com/api/giveaways>.

Additionally, I chose to filter for only the columns of information I would use.

A screen shot of a computer code

Description automatically generated

## Cheap Shark API

Lastly for the fiscal data API, I used an API that offers price comparison for digital PC games, located at <https://apidocs.cheapshark.com/>. I could not find a well-defined base URL. I chose to use this endpoint, <https://www.cheapshark.com/api/1.0/deals?storeID=1&upperPrice=15>. The data returns as JSON, List data type. Like the other APIs I used filters to display only the columns of information I would use.

A screen shot of a computer code

Description automatically generated