**Database Design Documents**

Database foreign currency consist of 3 tables:

1. Alembic revision:
   1. Used to keep track revision number of the migration.

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Key** |
| version\_num | VARCHAR | PK, Auto Increment |

1. Exchange rate history
   1. Used to store daily exchange rate.

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Key** |
| id | INT | PK, Auto Increment |
| date | DATETIME |  |
| from\_ | VARCHAR(100) |  |
| to | VARCHAR(100) |  |
| rate | FLOAT |  |

1. Exchange rate list
   1. Used to store favorite exchange rate.

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Key** |
| id | INT | PK, Auto Increment |
| from\_ | VARCHAR(100) | Unique |
| to | VARCHAR(100) | Unique |

\*\*notes: `from\_` and `to` are unique together

