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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Password** | **Email** | **Cash** | **Transaction** | **Date** | **Symbol** | **Shares** | **Price** | **Today\_Price** |
| Higgins | ‘111’ | higgins@scm.edu | 10000 | Buy | 11/25/2015 | GOOGL | 2 | 750 | 800 |
| Higgins | ‘111’ | higgins@scm.edu | 10000 | Buy | 11/30/2015 | GOOGL | 1 | 775 | 800 |
| Higgins | ‘111’ | higgins@scm.edu | 10000 | Sell | 12/05/2015 | GOOGL | 1 | 785 | 800 |
| Higgins | ‘111’ | higgins@scm.edu | 10000 | Buy | 12/05/2015 | APPL | 2 | 100 | 110 |
| Sigafoos | ‘222’ | sigafoos@scm.edu | 5000 | Buy | 10/03/2015 | Free | 100 | 1 | 0.10 |
| Sigafoos | ‘222’ | sigafoos@scm.edu | 5000 | Buy | 10/26/2015 | APPL | 2 | 105 | 110 |
| Sigafoos | ‘222’ | sigafoos@scm.edu | 5000 | Sell | 10/26/2015 | APPL | 1 | 115 | 110 |
|  |  |  |  |  |  |  |  |  |  |
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**User**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USER\_ID** | **Name** | **Password** | **Email** | **Cash** |
| 1 | Higgins | ‘111’ | higgins@scm.edu | 10000 |
| 2 | Sigafoos | ‘222’ | sigafoos@scm.edu | 5000 |
|  |  |  |  |  |
|  |  |  |  |  |
| PK |  |  |  |  |

**Portfolio\_History**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Transaction\_ID** | **Portfolio\_ID** | **User\_ID** | **Date** | **Transaction** | **Symbol** | **Share** | **Price** |
| 1 |  | 1 | 11/25/2015 | Buy | GOOGL | 2 | 750 |
| 2 |  | 1 | 11/30/2015 | Buy | GOOGL | 1 | 775 |
| 3 |  | 1 | 12/05/2015 | Sell | GOOGL | 1 | 785 |
| 4 |  | 1 | 12/05/2015 | Buy | APPL | 2 | 100 |
| 5 |  | 2 | 10/03/2015 | Buy | Free | 100 | 1 |
| 6 |  | 2 | 10/26/2015 | Buy | APPL | 2 | 105 |
| 7 |  | 2 | 10/26/2015 | Sell | APPL | 1 | 115 |
| 8 | 5 | 2 |  | Buy | Y | 5 |  |
|  |  | 1 |  | Sell | APPL | 2 |  |
| PK |  | FK, index(user\_id, date): unique | |  |  |  |  |

**Portfolio**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Portfolio\_ID** | **USER\_ID** | **Symbol** | **Share** | **Today\_Price** |
| 1 | 1 | GOOGL | 2 | 800 |
| 2 | 1 | APPL | 2 | 110 |
| 3 | 2 | FREE | 100 | 0.10 |
| 4 | 2 | APPL | 1 | 110 |
| 5 | 2 | Y | 5 |  |
|  |  |  |  |  |
| PK | FK, index(user\_id, symbol): unique | |  |  |