This document shows the data in database after running our designed test cases:

Customer data:

```
mysql> select *
    -> from customer;
+----+--------------+-----------+
| id | name         | address   |
+----+--------------+-----------+
|  1 | Tom          | Seattle   |
|  2 | Jerry        | Kenmore   |
|  3 | Adam Redmond | Shoreline |
|  4 | Susan        | Bellevue  |
|  5 | Lisa Hiller  | Kirkland  |
|  6 | Sam Hiller   | Kirkland  |
|  7 | Alice        | Seattle   |
+----+--------------+-----------+
7 rows in set (0.00 sec)
```

Bank account data:

```
mysql> select * from bankaccount;
+------------+------------+--------------+---------+-------------+------------+
| account_id | account_no | account_type | balance | intrst_rate | cr_date    |
+------------+------------+--------------+---------+-------------+------------+
|          1 |      20701 | checking     |     500 |        NULL | 2022-02-11 |
|          2 |      30702 | savings      |    2000 |        0.01 | 2022-02-11 |
|          3 |      20703 | checking     |     200 |        NULL | 2022-02-11 |
|         12 |      30712 | savings      |    1500 |        0.02 | 2022-02-11 |
|         13 |      30713 | savings      |     600 |        0.01 | 2022-02-11 |
|         14 |      30714 | savings      |    2200 |        0.01 | 2022-02-11 |
|         15 |      20715 | checking     |    1200 |        NULL | 2022-02-11 |
|         16 |      30716 | savings      |    1999 |        0.01 | 2022-02-11 |
|         17 |      30717 | savings      |     600 |        0.01 | 2022-02-11 |
|         18 |      30718 | savings      |    1100 |        0.01 | 2022-02-11 |
|         19 |      20719 | checking     |     600 |        NULL | 2022-02-11 |
|         20 |      30720 | savings      |     400 |        0.01 | 2022-02-11 |
|         21 |      20721 | checking     |       0 |        NULL | 2022-02-11 |
+------------+------------+--------------+---------+-------------+------------+
```

Account Transaction (account deposit/ withdrawal) data:

```
mysql> select *
    -> from acc_transaction;
+-----+------------+------+--------+---------------------+
| id  | account_no | type | amount | cr_date             |
+-----+------------+------+--------+---------------------+
| 100 |      20721 | d    |    300 | 2022-02-12 07:49:33 |
| 101 |      20721 | w    |    600 | 2022-02-12 07:50:01 |
| 102 |      20721 | w    |    700 | 2022-02-12 07:50:21 |
| 103 |      30714 | d    |    500 | 2022-02-12 07:51:16 |
| 104 |      30714 | d    |    700 | 2022-02-12 07:51:37 |
| 105 |      20715 | d    |    800 | 2022-02-12 07:52:17 |
| 106 |      20715 | w    |    100 | 2022-02-12 07:52:32 |
| 107 |      30718 | d    |   1000 | 2022-02-12 07:53:34 |
| 108 |      20719 | d    |    500 | 2022-02-12 07:54:49 |
| 109 |      20719 | w    |    200 | 2022-02-12 07:55:03 |
| 110 |      30718 | w    |    400 | 2022-02-13 06:58:47 |
+-----+------------+------+--------+---------------------+
```

Test starts here

Customer Saving Account total balance:

```
mysql> select c.id, acc.account_type, sum(acc.balance)
    -> from bankaccount acc,
    ->      customer c,
    ->      ass_customer_account ca
    -> where ca.customer_id = c.id
    ->   and ca.account_id = acc.account_id
    ->   and acc.account_type like  'savi%'
    -> group by c.id, acc.account_type
    -> ;
+----+--------------+-------------------+
| id | account_type | sum(acc.balance) |
+----+--------------+-------------------+
|  1 | savings      |              2000 |
|  2 | savings      |              2100 |
|  3 | savings      |              2200 |
|  5 | savings      |              1999 |
|  6 | savings      |              1700 |
|  7 | savings      |               400 |
+----+--------------+-------------------+
6 rows in set (0.07 sec)
```