**Loyalty Manage System**

Unit TestCase

|  |  |
| --- | --- |
| Date | 03/15/2010 |
| Version | 1.0 |
| Status | Inital |
| Author | Hung Pham |
| Review By | Khuyen Nguyen |
| Approved By | Dat Tran |

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 03/15/2010 | 1.0 | Initial | Hung Pham |

All testcase is designed basing on LMSDB database.

# Add Point Test Case

## TC1

Purpose of this testcase for happy path case.

### Message Send.

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |

### Message Expect Receive

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 39 | 00 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |
| 63 | 000000000000000000000000000015000000000000000000000000000015 |  |

## TC2

Purpose of this testcase use to check invalid merchant or Terminal Id error.

### Message Send.

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 41 | 00000006 |  |
| 42 | 000000000000001 |  |

### Message Expect Receive

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 39 | 03 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |
| 62 | **MID OR TID NOT FOUND** |  |

## TC3

Purpose of this testcase used to check invalid card number.

### Message Send.

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 2467345234523412=10041011765710800000 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |

### Message Expect Receive

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 2467345234523412=10041011765710800000 |  |
| 39 | 14 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |
| 62 | **INVALID CARD NUMBER** |  |

## TC4

Purpose of this test case is used to check expire card.

### Message Send.

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 1234567887654321=10041011765710800000 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |

### Message Expect Receive

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 1234567887654321=10041011765710800000 |  |
| 39 | 54 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |
| 62 | **EXPIRE CARD** |  |

## TC5

Purpose of this test case is used to check PoSCC that is not supported.

### Message Send.

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 05 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |

### Message Expect Receive

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 05 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 39 | 58 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |
| 62 | POSCC NOT FOUND |  |

## TC6

Purpose of this case used to check client send lack bundle of field. In this case, client didn’t send field Number 11.

### Message Send.

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 03 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |

### Message Expect Receive

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 03 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 39 | 15 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |
| 62 | **INVALID FIELD** |  |

# Suntract Point Test.

Before test case begined. Please make sure that we had completed test case form 1.2 to 1.6.

## TC1

Purpose of this testcase for happy path case.

### Message Send.

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 417000 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |

### Message Expect Receive

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 39 | 00 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |
| 63 | 000000000000000000000000000015000000000000000000000000000015 |  |

## TC2

Purpose of this case use to check error flow of subtract point.

### Message Send.

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | **307000** |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |

### Message Expect Receive

|  |  |  |
| --- | --- | --- |
| Field | Value | Note |
| 0 | 0200 | MTI |
| 3 | 40700 |  |
| 4 | 000001500000 |  |
| 11 | 123456 |  |
| 12 | 114109 |  |
| 13 | 0122 |  |
| 25 | 00 |  |
| 35 | 1234567812345678=10041011765710800000 |  |
| 39 | 15 |  |
| 41 | 00000001 |  |
| 42 | 000000000000001 |  |
| 62 | INVALID\_FIELD |  |