+------------------+

| |

V |

+--------------+ |

| Idle State |<-------+

+--------------+

|

| touchscreen\_input

|

V

+------------------+

| Prompt State |

+------------------+

|

| barcode\_detection

|

V

+----------------+

| Scan State |

+----------------+

|

| cash\_insertion

|

V

+---------------+---+

| Payment State |

+---------------+---+

|

| transaction\_complete

|

V

+-----------------+--------+

| Acknowledge State |

+-----------------+--------+