|  |  |  |  |
| --- | --- | --- | --- |
| State | Ticketing process | Input | Output |
|  |  |  |  |
| S1 | Login | Pass | Pass |
| S2 | Invalid Details | Fail | Fail |
| S3 | Selecting the pickup and drop location | Pass | Pass |
| S4 | Selecting the invalid routes | Fail | Fail |
| S5 | Selecting the seat | Pass | Pass |
|  |  |  |  |
| S6 | Selecting occupied seat | Fail | Fail |
| S7 | Payment | Pass | Pass |
| S8 | Invalid payment details | Fail | Fail |
|  |  |  |  |
|  |  |  |  |

Basic flow:

B1: Valid login Details

B2: Valid pickup and drop details

B3: Valid Seat Selection

B4: Valid Payment details

B5: Booking Successful

Alternate flow:

F1: Incorrect login details

F2: Invalid pickup and drop routes

F3: Invalid seat selection

F4: Invalid Payment details

Update bus schedule

Payment successful

Valid card details

payment

Selecting the seat

Checking for bus availabilty

Selecting the pickup and drop

Login