**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*TEST CASES\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

# SECURITY LOGIN :

| MODULE | TEST CASE | REMARKS | STATUS |
|---|---|---|---|
| Admin login | ID=admin1 | Accepts and asks for password | PASS |
| Admin login | Id=admin2 | Accepts and asks for  password | PASS |
| Password | Password=kkmk | Accepts and Login | PASS |
| Password and Admin login | Password="Other than kkmk" ID="other than admin1 and admin2" | Incorrect password and Asks for ID again | PASS |
| Try Again Limit | 0<Limit<4 | Limit exceeded access denied | FAIL |

**VEHICLE ENTRY :**

| MODULE | TEST CASE | REMARKS | STATUS |
|---|---|---|---|
| Cases | 0<case<5 | Asks for datas | PASS |
| cases | case==string | Terminates console | FAIL |
| Register Number | regno=TN12AJ5678 | Accepts with token and asks for vehicle type | PASS |
| Vehicle Type | 1=Car<br>2=Bike | Accepts with token and allocates parking slot | PASS |
| Vehicle Type | Other than "1" or "2" | Invalid type and asks for type again | PASS |

## SLOT ALLOTMENT :

| MODULE | TEST CASE | REMARKS | STATUS |
|---|---|---|---|
| Token number | 0<tokennum<=100 | Slot is allocated | PASS |
| Token number | tokennum>100 | Displays "FULL" And slot is not allocated (OVER FLOW) | PASS |
| Allotment | four[i][j]==0 two[i][j]==0 | Prints "\|"for empty slots | PASS |
| Allotment | four[i][j]==tokennum two[i][j]==tokennum | Prints "*" for Occupied slots | PASS |

## SLOT DE-ALLOTMENT :

| MODULE | TEST CASE | REMARKS | STATUS |
|---|---|---|---|
| Token  number | if(four[i][j]==tokennum) if(two[i][j]==tokennum) | four[i][j]=0 two[i][j]=0 | PASS |
| Token number | if(four[i][j]==0) if(two[i][j]==0) | Deallots the slot | PASS |
| Token number |  Four[i][j]!=tokennum for 'n' times two[i][j]!=tokennum for 'n' times | Invalid token number | FAIL |

**PAYMENT :**

| MODULE | TEST CASES | REMARKS | STATUS |
|---|---|---|---|
| Entry Time | If vehicles enters | Gets system time | PASS |
| Exit Time | If vehicle leaves | Updates the system time in the file | PASS |
| Fare | Time of vehicle parked<5 minutes | No fare | PASS |
| Fare | Time of vehicle parked>5 minutes | Calculated fare | PASS |

**DISPLAY :**

| MODULE | TEST CASE | REMARKS | STATUS |
|---|---|---|---|
| Enter choice "n" | if(n==1) | Opens "boot.txt "file | PASS |
| Enter choice "n" | if(n==2) | opens""payment.txt" | PASS |
| Enter choice "n" | if(n!=1) \|\| if(n!=2) | Invalid input | FAIL |