**Low-Level Design for Parking System**

**Algorithm:**

m=no. of floors

n= no. of slots in each floor

n\*m=total no. of slots

Availableslots=No.of empty slots

Occupiedslots= No.of slots filled

**entry**

{

If Availableslots==0

{

Print(“no sufficient place to park!!!”)

}

Else

{

Check whether the customer is membership holder

If(membershipholder)

{

Issuetoken

Show easy path for parking

Continue

}

Else

{

Issuetoken

Read entry time

Shoe easy path for parking

}

Increment occupied slots by 1

Decrement occupied slots by 1

}

}

**Exit**

{

If(membershipholder)

{

Pass

}

Else

{

Check token

Read exit time

Calculate time interval

Generate parking bill

Collect money

}

Show customer easy path to exit

}