LAPORAN SISTEM MANAJEMEN PENYEWAAN MOBIL

ALGORITMA & DASAR PEMROGRAMAN PRAKTIK

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OUTPUT PROGRAM

1. **Input Data Mobil**

```
Welcome to Car Rental
[1] Management Car
[2] Management Customer
[3] Management Rent
[0] Close The Program

Masukan Pilihan: 1




Car Management
[1] Add Car
[2] Remove Car
[3] Search Car
[4] Show All Cars
[0] Back To Previous

Masukan Pilihan: 1


Input ID: 1
Input Car Number: 1
Input Brand: toyota
Input Model: sedan
Input Year: 2020
Status Available?(true/false): true
```

```
 List of Cars
 =========================
 ID: 1
 Car Number: 1
 Brand: toyota
 Model: sedan
 Year: 2020
 Status: Available


 Car Management
 [1] Add Car
 [2] Remove Car
 [3] Search Car
 [4] Show All Cars
 [0] Back To Previous

 Masukan Pilihan: 1


 Input ID: 2
 Input Car Number: 2
 Input Brand: toyota
 Input Model: sedan
 Input Year: 2024
 Status Available?(true/false): false
```

```
List of Cars
========================
ID: 1
Car Number: 1
Brand: toyota
Model: sedan
Year: 2020
Status: Available
========================
ID: 2
Car Number: 2
Brand: toyota
Model: sedan
Year: 2024
Status: Unvailable


Car Management
[1] Add Car
[2] Remove Car
[3] Search Car
[4] Show All Cars
[0] Back To Previous

Masukan Pilihan: 1


Input ID: 3
Input Car Number: 3
Input Brand: nissan
Input Model: sport
Input Year: 2012
Status Available?(true/false): true
```

```
List of Cars
========================
ID: 1
Car Number: 1
Brand: toyota
Model: sedan
Year: 2020
Status: Available
========================
ID: 2
Car Number: 2
Brand: toyota
Model: sedan
Year: 2024
Status: Unvailable
========================
ID: 3
Car Number: 3
Brand: nissan
Model: sport
Year: 2012
Status: Available
```

2. Hapus Data Mobil

```
Car Management
[1] Add Car
[2] Remove Car
[3] Search Car
[4] Show All Cars
[0] Back To Previous

Masukan Pilihan: 2


Input Car Number: 3
Do you really want to remove? (y/n): y
Successfuly Removed Data
```

3. Manajemen pelanggan

```
Welcome to Car Rental
[1] Management Car
[2] Management Customer
[3] Management Rent
[0] Close The Program

Masukan Pilihan: 2




Customer Management
[1] Add Customer
[2] Remove Customer
[3] Search Customer
[4] Show All Customers
[0] Back To Previous

Masukan Pilihan: 1


Input Customer ID: 1
Input Name: ghea
Input Address: kalimantan
Input Phone Number: 236921
```

```
List of Customers
========================
ID: 1
Name: ghea
Address: kalimantan
Phone Number: 236921


Customer Management
[1] Add Customer
[2] Remove Customer
[3] Search Customer
[4] Show All Customers
[0] Back To Previous

Masukan Pilihan: 1


Input Customer ID: 2
Input Name: raehan
Input Address: pekalongan
Input Phone Number: 87239324



List of Customers
========================
ID: 1
Name: ghea
Address: kalimantan
Phone Number: 236921
========================
ID: 2
Name: raehan
Address: pekalongan
Phone Number: 87239324
```

```
Customer Management
[1] Add Customer
[2] Remove Customer
[3] Search Customer
[4] Show All Customers
[0] Back To Previous

Masukan Pilihan: 1


Input Customer ID: 3
Input Name: mia
Input Address: jogja
Input Phone Number: 3721876817



List of Customers
=========================
ID: 1
Name: ghea
Address: kalimantan
Phone Number: 236921
=========================
ID: 2
Name: raehan
Address: pekalongan
Phone Number: 87239324
=========================
ID: 3
Name: mia
Address: jogja
Phone Number: 3721876817
```

```
Customer Management
[1] Add Customer
[2] Remove Customer
[3] Search Customer
[4] Show All Customers
[0] Back To Previous

Masukan Pilihan: 2


Input Customer ID: 3
Do you really want to remove? (y/n): y
Successfuly Removed Data
```

4. Cari Mobil

```
Car Management
[1] Add Car
[2] Remove Car
[3] Search Car
[4] Show All Cars
[0] Back To Previous

Masukan Pilihan: 3


Input Search By (car_number/brand/model): car_number
Input Car Number: 1




==========Search Result==========
ID: 1
Car Number: 1
Brand: toyota
Model: sedan
Year: 2020
Status: Available
```

```
Car Management
[1] Add Car
[2] Remove Car
[3] Search Car
[4] Show All Cars
[0] Back To Previous

Masukan Pilihan: 3


Input Search By (car_number/brand/model): brand
Input Brand: nissan




==========Search Result==========
No Data
```

```
Car Management
[1] Add Car
[2] Remove Car
[3] Search Car
[4] Show All Cars
[0] Back To Previous

Masukan Pilihan: 3


Input Search By (car_number/brand/model): brand
Input Brand: toyota



==========Search Result==========
ID: 1
Car Number: 1
Brand: toyota
Model: sedan
Year: 2020
Status: Available
==========================
ID: 2
Car Number: 2
Brand: toyota
Model: sedan
Year: 2024
Status: Unvailable
==========================
```

```
Car Management
[1] Add Car
[2] Remove Car
[3] Search Car
[4] Show All Cars
[0] Back To Previous

Masukan Pilihan: 3


Input Search By (car_number/brand/model): model
Input Model: sedan




==========Search Result==========
ID: 1
Car Number: 1
Brand: toyota
Model: sedan
Year: 2020
Status: Available
==========================
ID: 2
Car Number: 2
Brand: toyota
Model: sedan
Year: 2024
Status: Unvailable
==========================
```

5. Transaksi Sewa

```
Welcome to Car Rental
[1] Management Car
[2] Management Customer
[3] Management Rent
[0] Close The Program

Masukan Pilihan: 3




Rent Management
[1] Rent Transaction
[2] Return Transaction
[3] Search Transaction
[4] Show All Transactions
[0] Back To Previous

Masukan Pilihan: 1


Input Customer ID: 1
Input Car Number: 1
Successfuly Rented Car


Rent Management
[1] Rent Transaction
[2] Return Transaction
[3] Search Transaction
[4] Show All Transactions
[0] Back To Previous

Masukan Pilihan: 1


Input Customer ID: 2
Input Car Number: 2
Car is not available
```

6. Transaksi Pengembalian

```
Rent Management
[1] Rent Transaction
[2] Return Transaction
[3] Search Transaction
[4] Show All Transactions
[0] Back To Previous

Masukan Pilihan: 2


Input Car Number: 1
Successfuly Returned Car


Rent Management
[1] Rent Transaction
[2] Return Transaction
[3] Search Transaction
[4] Show All Transactions
[0] Back To Previous

Masukan Pilihan: 4




List of Transaction
========================
Customer ID: 1
Car Number: 1
Status: returned
```

```
Rent Management
[1] Rent Transaction
[2] Return Transaction
[3] Search Transaction
[4] Show All Transactions
[0] Back To Previous

Masukan Pilihan: 2


Input Car Number: 2
Car Number Not Found
```