



SSL RENTAL COMPANY

Team Leader :

Layan A. Alateeq

Team Members :

Selma Aksoy

Saadet Yilmaz

JOB DIVISION

Layan

1. Get data from files
2. Cancel a reservation
3. Display the top 3 most reserved vehicles.
4. Save all reservations with a total cost exceeding x to a new file.
5. Sort and display all vehicles according to their daily rental price
6. Finding a client by phone number
7. worked with the design and main code

Saadet

1. Search for a vehicle using the license plate number.
2. Modify information for a vehicle using its plate number.
3. Remove a vehicle. (delete)
4. Display all vehicle information.
5. Create a new reservation.
6. Made the flow diagram

Selma

1. Display available vehicles currently.
2. Display vehicles that will be available after x days.
3. Add a new vehicle.
4. Display all reservations.
5. Display the name, surname and Client ID of all clients who have rented a vehicle more than 3 times.
6. Made the presentation

STRONG POINTS OF OUR TEAM :

COORDINATION

TEAMWORK

**TIME
MANAGEMENT**

**PROJECT /
MANAGEMENT**

CHALLENGES WE FACED



1

Selma: working with linked list

2

Saadet: working with files on
linked lists

3

Layan: working with files

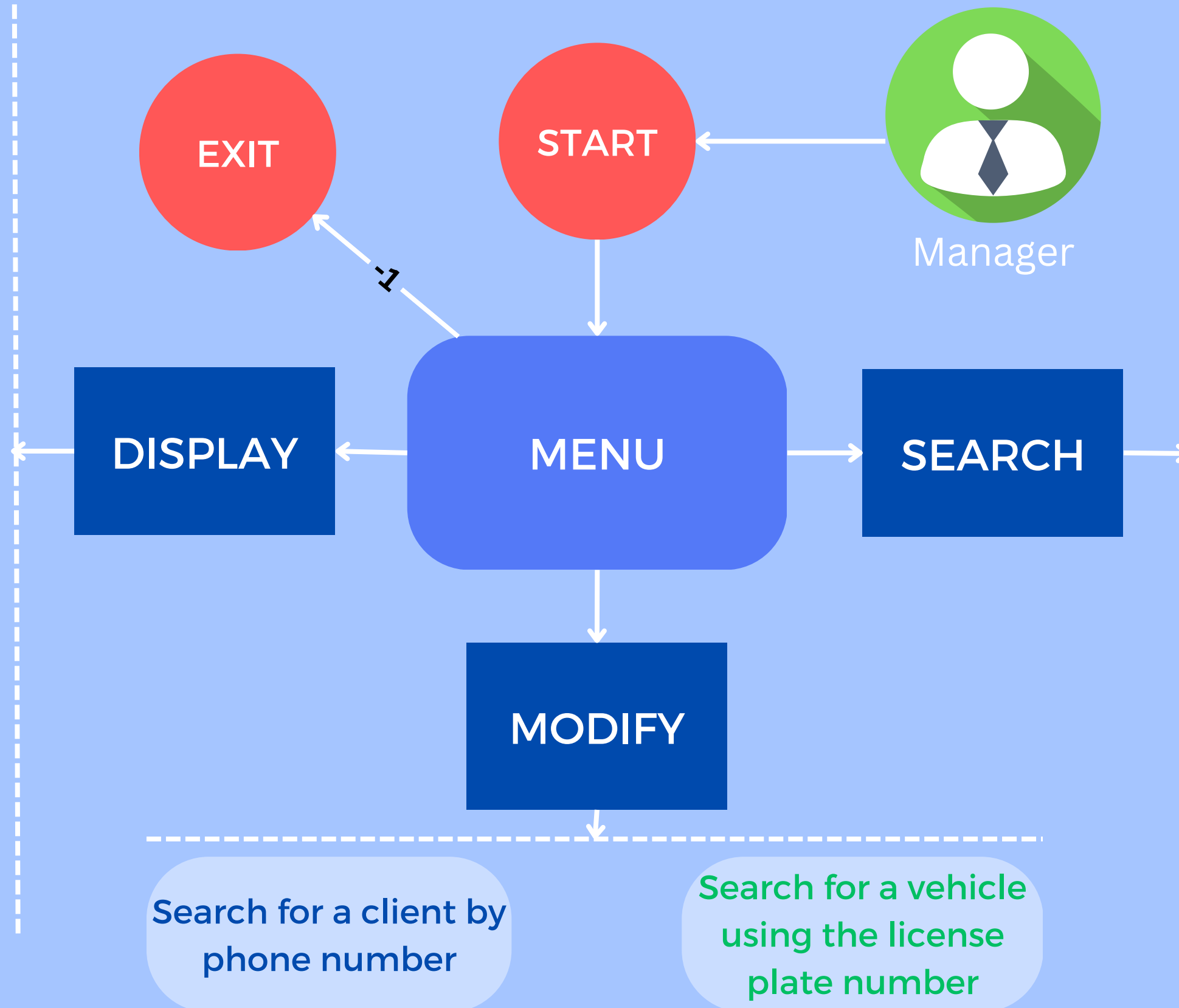
4

Finding time to meet

5

Job division

FLOW DIAGRAM



Create a new reservation

Add a new vehicle

Remove a vehicle

Cancel a reservation

Save all reservations with a total cost exceeding x to a new file

Modify information for a vehicle using its plate number

Layan Abdulaziz A. Alateeq
Selma Aksoy
Saadet Yilmaz

+ ≡ Cars ▾ Reservations ▾ Clients ▾

[illegible]

	A	B	C	D	E	F	G
1	NAME	SURNAME	ID	PASSPORT ID	STATE	PHONE	RENTAL COUNTER
2	10						
3	Kaisley	Roy	12345	B83024	1	69239402	2
4	Marcelo	Monroe	32463	B39483	0	69598352	1
5	Carly	Morse	35924	B02942	0	69245893	2
6	Bode	Hogan	29503	B59803	1	69328023	2
7	Kathryn	Wise	59284	B93984	0	69285492	1
8	Frederick	Williams	29531	B02394	1	69458230	1
9	Ava	Sims	34958	B13034	1	69283402	1
10	Brian	Boone	10048	B12394	1	69328425	2
11	Mariam	Franco	28493	B76403	0	69328545	1
12	Gage	Watts	48392	B21240	0	69753928	2
13							
14							
15							
16							
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20							
21							
22							
23							
24							
25							
26							
27							
28							

+

≡

Cars

Reservations

Clients

ClientsThatRented3+

ClientsThatRented3+ > My Mac

<

>

C main

Clients

ClientsThatRented3+

ClientsThatRented3+ > ClientsThatRented3+ > Clients > No Selection

1	Kaisley	Roy	12345	B83024	1	69239402	2
2	Marcelo	Monroe	32463	B39483	0	69598352	1
3	Carly	Morse	35924	B02942	0	69245893	2
4	Bode	Hogan	29503	B59803	1	69328023	2
5	Kathryn	Wise	59284	B93984	0	69285492	1
6	Frederick	Williams	29531	B02394	1	69458230	1
7	Ava	Sims	34958	B13034	1	69283402	1
8	Brian	Boone	10048	B12394	1	69328425	2
9	Mariam	Franco	28493	B76403	0	69328545	1
10	Gage	Watts	48392	B21240	0	69753928	2
11	Mark	Adams	64263	B72921	1	69241324	4
12							

WHY SSL RENTAL COMPANY ?

- User friendly & easy to use
- Acces from anywhere at any time
- Clear instructions
- Well organized display



COLORFUL DISPLAY

```
*****  
*****  
*****  
*****  
***** welcome to SSL Rental Company *****  
*****  
*****  
*****  
*****  
*****  
***** Enter the task you want to perform *****  
*****  
. Display all vehicle information.  
. Display available vehicles currently.  
. Display vehicles that will be available after x days.  
. Create a new reservation.  
. Add a new vehicle.  
. Search for a vehicle using the license plate number.  
. Sort and display all vehicles according to their daily rental price.  
. Display the top 3 most reserved vehicles.  
. Display all reservations.  
0. Remove a vehicle.  
1. Cancel a reservation.  
2. Display clients who have rented a vehicle more than 3 times.  
3. Save all reservations with a total cost exceeding x to a new file.  
4. Modify information for a vehicle using its plate number.  
5. Search for a client by phone number.  
Enter '-1' to exit the menu  
choice:
```



THANK YOU !