

# Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

## ΗΜΥ 318 Αρχές Προγραμματισμού για Μηχανικούς

Ημερομηνία Ανάθεσης Άσκησης: 20/10/2022 Ημερομηνία Εγγραφής Αναφοράς: 07/11/2022

Ημερομηνία Παράδοσης: 08/11/2022

### Στοιχεία Φοιτητή:

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### Assignment 2 – Scenarios & ERD:

### Περιεχόμενα

Scenario 1:	
Scenario 2:	5
Scenario 3:	
Scenario 4:	
Scenario 5:	8
Entity Relationship Diggram:	,

### Scenario 1:

```
1. Show more info about the company
2. Find a charging point
3. Login
4. Register
5. Exit

Please choose one from the above options: 3
Enter the Customer's ID: 885566
This ID does not exist to anyone!
```

```
1. Show more info about the company
2. Find a charging point
3. Login
4. Register
5. Exit

Please choose one from the above options: 4
Please give the Customer's ID:
885566
Enter the Full name: John Doe
Enter the Model's ID: 88246
Enter the Car's registration number: NGH886
Enter the Car's battery level: 67
Enter the Car's last service (yyyy-mm-dd): 2022-10-07
Enter the Total millimetres: 56
```

### -----Main Menu-----

- 1. Show more info about the company
- 2. Find a charging point
- 3. Login
- 4. Register
- 5. Exit

Please choose one from the above options: 3
Enter the Customer's ID: 885566

### ------

- 1. Show car status
- 2. Start charging
- 3. Complete charging process
- 4. Logout

Please choose one from the above options: 1
The car's battery level is: 67
Enter the covered Distance (If none then 0):0
The car's total millimetres are: 56
No date has inserted

# 1. Show car status 2. Start charging 3. Complete charging process 4. Logout Please choose one from the above options: 2 Please specify the Point ID of your charging station: 524 The charging process has begun!



☐ Ø Edit ♣å Copy Delete 36 885566 524 2022-11-05 22:27:54 2022-11-05 23:27:39

	Login Menu
2. 3.	Show car status Start charging Complete charging process Logout
Please	choose one from the above options: 4
	Main Menu
1.	Show more info about the company
2.	Find a charging point
3.	Login
4.	Register
5.	Exit
Please	choose one from the above options:

### Scenario 2:

```
1. Show more info about the company
2. Find a charging point
3. Login
4. Register
5. Exit

Please choose one from the above options: 2
Please specify the desired city: papho

1. Show all the charging points in the city
2. Show the charging points with available outlets
Please choose one option: 1

The Charging Outlets in papho are:
King of tombs 55 with 5 outlets, of which the 5 are free
Agiou Georgiou 2 with 10 outlets, of which the 1 are free
Leontiou 7 with 8 outlets, of which the 5 are free
```

```
1. Show more info about the company
2. Find a charging point
3. Login
4. Register
5. Exit

Please choose one from the above options: 4
Please give the Customer's ID: 2222222
Enter the Full name: Helen Smith
Enter the Model's ID: 77671
Enter the Car's registration number: ABC123
Enter the Car's color: Gold
Enter the Car's battery level: 34
Enter the Car's last service (yyyy-mm-dd): 2021-10-07
Enter the Total millimetres: 10000
```



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34 2021-10-07

10000

### Scenario 3:

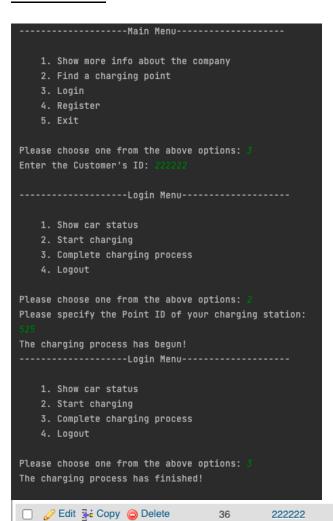
```
1. Show more info about the company
2. Find a charging point
3. Login
4. Register
5. Exit

Please choose one from the above options: 2
Please specify the desired city: Papho

1. Show all the charging points in the city
2. Show the charging points with available outlets
Please choose one option: 1

The Charging Outlets in Papho are:
King of tombs 55 with 5 outlets, of which the 5 are free
Agiou Georgiou 2 with 10 outlets, of which the 1 are free
Leontiou 7 with 8 outlets, of which the 5 are free
```

### Scenario 4:



### Scenario 5:

```
1. Show more info about the company
2. Find a charging point
3. Login
4. Register
5. Exit

Please choose one from the above options: 2
Please specify the desired city: Papho

1. Show all the charging points in the city
2. Show the charging points with available outlets
Please choose one option: 2
Enter the Point's ID: 525
The available outlets on point 525 are: 1
```

### Entity Relationship Diagram:

