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# Use Case: maintenance.

## Main flow

1. The customer selects “Maintenance” from the main menu.
2. The system shows the list of repairs available, indicating the **name of the repair**, **scale** (luxury, medium, basic), **description** and **cost**.
3. The customer selects the repairs to be made which are included in the shopping cart updating the total price depending on the cost of each repair.
4. The customer selects “continue” if there is at least one repair selected.
5. The system shows the repairs selected indicating their **name**, **scale, description** and **cost.** Moreover, the system requests the customer to input the **name** or **model** of each device, his/her **name** and **surname**, **delivery address** and **payment method** (credit card, paypal, cash) being all of them **mandatory** fields.
6. The customer fills in such data and chooses the Save option.
7. The system shows the **receipt**, indicating customer’s data (Name and Surname), delivery address, when the operation was made, its total price and the repairs chosen (name, scale and cost).

### Alternative flow 0 – to step 2

If the system detects that there are no repairs available, it will warn the user.

### Alternative flow 1 – Step 2

2.1 The system offers the customer the alternative to filter the repairs according to the name of the repair and scale.

2.2 The customer selects those filters he is interested in.

2.3 The system shows those repairs that satisfy only the selected filters.

### Alternative flow 2 – Step 5

The customer selects to modify the shopping cart deleting any of the repairs he/she is not interested in. Automatically the system will update the total price of the shopping cart considering the cost of each selected repair.

### Alternative flow 3 – Step 4

If the system detects that there are no repairs in the shopping cart, the “continue” option will not be available.

### Alternative flow 4 – Step 7

If the system detects that any mandatory data have not been filled, it returns to step 5.

### Alternative flow 5 – Step 7

The customer selects to modify the selected repairs. The system will return to step 2 keeping any data already introduced by the customer.

### Precondition

The customer must be logged in the system to start the use case.

Diagrama

Descripción generada automáticamente