Use Case: Device Rental - Javier García 3ºI, The Avengers

Main Flow

1. The **customer** selects **Rent a Device** from the main menu.
2. The **system** shows the list of devices, indicating the **model**, **quality** (**new, second hand, reconditioned**), **brand**, **color**, **quantity**, **name** and **rental price**.
3. The **customer** selects the devices to be rented that are included in the renting cart updating the total price.
4. The **customer** selects Rent Device button if there is at least one device for being rented.
5. The **system** shows the rented devices indicating **model**, **quality** (**new, second hand, reconditioned**), **rental price** and **device id** and request the **customer** to introduce the **name, surname, delivery address,** **payment method** **(credit card, paypal, cash**) and **quantity** being all of them mandatory fields, then a receipt is created.
6. The **customer** fills the data and chooses the Save options button.
7. The **system** shows the rental performed, indicating customer’s data, **delivery address**, when the rental was made, its total **rental price** and **rental period** as well as the **device** rented.

Alternative flow 0 - to step 2

If the system detects that there are no devices available for the selected period, it will warn the customer.

Alternative flow 1 - to step 2

2.1 The system allows the customers to filter devices based on model and price for rental.

2.2 The customer applies the chosen filters.

2.3 The system displays the devices that match the selected criteria.

Alternative flow 3 - to step 5

The customer chooses to modify the rental cart by removing any devices they are no longer interested in. The system will automatically update the total price of the rental cart, taking into account the rental period and the rental cost of the remaining selected devices.

Alternative flow step 4

If the system detects that there are no devices in the renting cart the renting option to continue the process won’t be available.

Alternative flow 5 - to step 7

If the system detects that one of the compulsory data is not filled, it will return to step 5.

Alternative flow 3 - to step 5

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

Pre-condition

The customer must be logged-in to be able to start the renting.

