Car dealership system requirements - Aldi Begaj

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| **UC Name** | UC-IP Integration Process |
| Summary | The system should: -Integrate the purchase information to the customers e-commerce account.  -It must also redirect the customer to the e-commerce site to finalize the payment. |
| Dependency | No dependency. |
| Actors | -System |
| Preconditions | -The customer needs to have started the payment process in person.  -The customer needs to have an account in the e-commerce site. |
| Description of the Main Sequence | 1. The customer initiates the payment process in person for the car which they prefer.  2. Once the process has been initiated, the data is inputted into the customers’ account.  3. The customer is then redirected to the payment page. |
| Description of Alternative Sequence | None |
| Nonfunctional requirements | -The system should be the one to redirect the customer to the payment page in the e-commerce site. |
| Postconditions | -The customer is redirected to the payment page to start the payment process. |

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| **UC Name** | UC-PP Payment Process |
| Summary | The system should: -Display a list of allowed currencies.  -Allow the customer to choose their preferred currency.  -Display the price of the purchase.  -Allow the customer to finalize the payment on their end. |
| Dependency | UC-IP | UC -PO |
| Actors | -Customer |
| Preconditions | -The customer must have chosen their preferred payment option and confirmed it. |
| Description of the Main Sequence | 1. The customer chooses their preferred currency from the ones displayed. 2. The customer then can finalize the payment process by pressing confirm. |
| Description of Alternative Sequence | 1. The customer chooses their preferred currency from the ones displayed. 2. The customer then can choose to cancel the payment process. |
| Nonfunctional requirements | -The conversion for the price depending on the currency needs to be done by the system.  -The menu should be responsive and intuitive.  -If the customer wants to cancel the payment process, they may be redirected to the previous page to explore a different payment method. |
| Postconditions | -The payment is finalized from the customers’ end. |

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| **UC Name** | UC-PC Purchase Confirmation |
| Summary | The system should: -Send the information of the purchase to the finance team.  -It must confirm whether or not the customers’ payment was approved by the finance team, and it must then confirm the success of the purchase.  -It must display to the customer whether their purchase was ultimately successful or not. |
| Dependency | UC-PP |
| Actors | -System -Finance team (Secondary) |
| Preconditions | -The finance team must have received the customers’ payment. |
| Description of the Main Sequence | 1. The system sends the payment information to the finance team. 2. The finance team approves the payment. 3. The system displays that the purchase was successful. |
| Description of Alternative Sequence | 1. The system sends the payment information to the finance team. 2. The finance team disapproves the payment.  3. The system displays that the purchase was unsuccessful. |
| Nonfunctional requirements | -The process must be automated and accomplished very fast.  -If unsuccessful, it should explain to the customer in detail why the purchase was unsuccessful and redirect them to the previous page. |
| Postconditions | -Once the purchase is complete, the customer is then redirected to the delivery method. |

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| **UC Name** | UC-S Shipping |
| Summary | The system should: -Default the delivery method to be the in-store pickup.  -Display the alternative option, shipping. |
| Dependency | UC-PC |
| Actors | -Customer |
| Preconditions | -The payment process must be finalized and the purchase must be completed. |
| Description of the Main Sequence | 1. The system defaults the delivery method to be the in-store pickup.  2. The customer hits confirm. |
| Description of Alternative Sequence | 1. The system defaults the delivery method to be the in-store pickup.  2. The customer chooses to have the car shipped to a specific location.  3. Once the location is chosen, the customer may confirm. |
| Nonfunctional requirements | -The specification of the location may be done through various means, such as maps or an address. |
| Postconditions | -The customer has chosen their preferred delivery method and everything is now complete. |