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| Name | Update order |
| Summary | This involves a customer placing an order for pastries at a pastry shop. |
| Actor | Customer |
| Description | The actor in this use case is a customer who wants to place an order for pastries on a pastry shop website. |
| Precondition | The customer has access to the internet, knows the specific types and quantities of pastries they want to order, and has a way to make online payments. |
| Alternatives | The customer visits the pastry shop's website, selects the pastries they want to order, and makes payment online. Pickup or delivery details can also be specified on the website. |
| Post Condition | The website receives the order and sends it to the pastry shop staff for preparation. |

UC_15 – US_15 – Update order

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| Name | Delete order |
| Summary | This involves a customer deleting an order for pastries at a pastry shop. |
| Actor | Customer |
| Description | The actor in this use case is a customer who wants to delete an order for pastries on a pastry shop website. |
| Precondition | The customer has access to the internet, he can delete his order if he does not want to proceed with the order. |
| Alternatives | The customer visits the pastry shop's website, deletes the order he does not want. |
| Post Condition | The website receives that the order is deleted and does not proceed with that order. |

UC_16 – US_16 – Delete order

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| Name | View feedback |
| Summary | The use case involves a customer viewing feedback from other customers about the pastry shop's on the pastry shop's website. |
| Actor | Customer |
| Description | The actor in this use case is a customer who wants to view feedback of the pastry shop's website. |
| Precondition | The customer has access to the internet and navigates to the pastry shop's website. |
| Alternatives | The pastry shop may choose to display only positive feedback on their website. |
| Post Condition | The customer has viewed feedback on the pastry shop's website, which may influence their decision to make a purchase from the pastry shop or not. |

UC_17 – US_17– View feedback

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| Name | Update product's price |
| Summary | This use case involves a pastry shop administrator updating the price of a product on the pastry shop's website. |
| Actor | Administrator |
| Description | The administrator selects the product they want to update the price for, enters the new price for the selected product. The website updates the price for the selected product. |
| Precondition | The administrator is logged in to the pastry shop's website as an authorized user. |
| Alternatives | The admin may need to update the price in case of an increased price of the product in the market. |
| Post Condition | The price for the selected product has been updated on the pastry shop's website, and customers can now see the new price. |

UC_18 – US_18– Update product's price

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| Name | Update product's quantity |
| Summary | This use case involves a pastry shop supplier updating the quantity of a product on the pastry shop's website. |
| Actor | Supplier |
| Description | The supplier selects the product they want to update the quantity for, enters the new quantity for the selected product. The website updates the quantity for the selected product. |
| Precondition | The supplier is logged in to the pastry shop's website as an authorized user. |
| Alternatives | The supplier may need to seek approval from a admin before updating the quantity. |
| Post Condition | The quantity for the selected product has been updated on the pastry shop's website, and customers can now see the new quantity. |

UC_19 – US_19– Update product's quantity

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| Name | Buy a product |
| Summary | This use case involves a customer buying a product from the pastry shop's website. |
| Actor | Customer |
| Description | The customer navigates to the product they want to buy on the pastry shop's website. The customer adds the product to their cart, proceeds to the checkout page and confirms the order details, including the product, quantity, and price. Then selects their payment method and enters their payment information. The website processes the payment and confirms the order. |
| Precondition | The customer is logged in to their account on the pastry shop's website and has a valid payment method associated with their account. |
| Alternatives | If the product is out of stock, the customer may see that the product is available and will be unable to complete the purchase. |
| Post Condition | The customer has successfully bought the selected product from the pastry shop's website and the payment is processed. |

UC_20 – US_20– Buy a product

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| Name | Add item to cart |
| Summary | This use case involves a customer adding an item to their cart on the pastry shop's website. |
| Actor | Supplier |
| Description | The customer navigates to the product they want to buy on the pastry shop's website. The customer selects the desired quantity of the product. The customer clicks the "Add to Cart" button. The website updates the customer's shopping cart with the selected product and quantity. |
| Precondition | The customer is logged in to their account on the pastry shop's website. |
| Alternatives | The customer may be prompted to log in or create an account if they have not done so already. |
| Post Condition | The selected product and quantity have been added to the customer's shopping cart on the pastry shop's website. The customer can continue browsing and adding more items to their cart or proceed to checkout to complete the purchase. The website updates the cart information as items are added or removed. |

UC_21 – US_21– Add item to cart

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| Name | Delete item to cart |
| Summary | This use case involves a customer deleting an item from their cart on the pastry shop's website. |
| Actor | Customer |
| Description | The customer navigates to their shopping cart on the pastry shop's website, identifies the item they want to delete from their cart, clicks the "Delete" button next to the item in the cart. The website updates the customer's shopping cart by deleting the selected item. |
| Precondition | The customer is logged in to their account on the pastry shop's website and has items in their shopping cart. |
| Alternatives | The customer may be prompted to confirm that they want to delete the item from their cart. |
| Post Condition | The selected item has been successfully deleted from the customer's shopping cart on the pastry shop's website. The customer can continue browsing through the website. |

UC_22 – US_22– Delete item to cart

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| Name | View transaction history |
| Summary | This use case involves a customer viewing their transaction history on the pastry shop's website. |
| Actor | Customer |
| Description | The customer navigates to their account settings or profile page on the pastry shop's website, selects the "Transaction History" option. The website displays a list of the customer's past transactions. |
| Precondition | The customer is logged in to their account on the pastry shop's website and has made at least one purchase. |
| Alternatives | The website may provide different views or sorting options for the transaction history, such as by date, price, or status. |
| Post Condition | The customer can view their transaction history on the pastry shop's website, which includes details about their past purchases. |

UC_23 – US_23 – View transaction history

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| Name | Update product's quantity on cart |
| Summary | This use case involves a customer updating the quantity of a product in their shopping cart on the pastry shop's website. |
| Actor | Customer |
| Description | The customer navigates to their shopping cart on the pastry shop's website, identifies the product they want to update the quantity for. The customer updates the quantity field for the product in the cart. The website updates the customer's shopping cart by changing the quantity of the selected product. |
| Precondition | The customer is logged in to their account on the pastry shop's website and has added at least one item to their shopping cart. |
| Alternatives | The website may limit the quantity of a product that a customer can order based on inventory levels or other factors. |
| Post Condition | The quantity of the selected product in the customer's shopping cart on the pastry shop's website has been successfully updated. The customer can continue browsing and adding more items to their cart or proceed to checkout to complete the purchase. |

UC_24 – US_24 – Update product's quantity on cart

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| Name | Contact us |
| Summary | This use case involves a customer sending a message to the pastry shop through the "Contact Us" feature on their website. |
| Actor | Customer |
| Description | The customer navigates to the "Contact Us" page on the pastry shop's website. There are shown every way of contacting the pastry shop. |
| Precondition | The customer is on the pastry shop's website and has accessed the "Contact Us" page. |
| Alternatives | The website may offer alternative contact methods, such as a phone number or physical address. |
| Post Condition | The pastry shop can then review the messages from the various ways of contact and respond accordingly, either by email or using an alternative contact method. |

UC_25 – US_25– Contact us

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| Name | Leave feedback |
| Summary | This use case involves a customer leaving feedback for the pastry shop through the "Leave Feedback" feature on their website. |
| Actor | Customer |
| Description | The customer navigates to the "Leave Feedback" page on the pastry shop's website, fills out the feedback form with their name, email address, feedback type and their message. The customer submits the form. The website sends the feedback to the pastry shop's and stores it in a database. |
| Precondition | The customer is on the pastry shop's website and has accessed the "Leave Feedback" page. |
| Alternatives | The website may offer alternative feedback methods, such as a phone number for feedback. |
| Post Condition | The pastry shop can then review the feedback. If the feedback is positive, the pastry shop may use it for marketing purposes. |

UC_26 – US_26– Leave feedback

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| Name | View product's details |
| Summary | This use case involves a customer viewing the details of a specific pastry product on the pastry shop's website. |
| Actor | Customer |
| Description | <p>The customer navigates to the product page that contains the desired pastry product, clicks on the specific pastry product to access its detail page. The website displays the product detail page, which includes information such as the product name, description, price, ingredients, and any additional information the pastry shop wants to provide. The customer can scroll through the detail page and view all the relevant information about the product.</p> |
| Precondition | The customer is on the pastry shop's website and has accessed the product page that contains the desired pastry product. |
| Alternatives | The website may include images of the product to give the customer a better idea of its appearance. |
| Post Condition | The customer has successfully viewed the details of the desired pastry product on the pastry shop's website. The customer can choose to add the product to their cart or navigate back to the product page to view other products. |

UC_27 – US_27– View product's details

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| Name | User log out |
| Summary | This use case involves a user logging out of their account on the pastry shop's website. |
| Actor | User (Customer, Admin, Supplier) |
| Description | The user navigates to the account or profile page on the website. The website displays the user's account information. The user clicks on the "Log Out" button. The website logs the user out of their account and redirects them to the login or homepage. |
| Precondition | The user is currently logged in to their account on the pastry shop's website. |
| Alternatives | The website may redirect the user to a "Logged Out" page or display a message confirming that they have been logged out of their account. |
| Post Condition | The user has successfully logged out of their account on the pastry shop's website. The user is no longer able to access their account information or make purchases without logging back in. |

UC_28 – US_28– User log out