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| ID and name | **UC-1: Login** | | |
| Primary actor | Employee | Secondary actors | - |
| Description | An employee logs into the app as a manager or sales agent to do the work they need to do. | | |
| Trigger | The employee needs to complete a task on the application. | | |
| Preconditions | PRE-1: The employee already has an account. | | |
| Postconditions | - | | |
| Normal flow | 1. **Successful login** 2. System shows a window asking employee for username and password. 3. The employee enters his username and password. 4. System checks the credentials and logs him into the app. | | |
| Alternative flows | - | | |
| Exceptions | **1.0.E1 Failed login**  3a. System gives an invalid credentials message asking the employee to enter valid credentials.  Returns to step 2 of normal flow. | | |

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| ID and name | **UC-2: Place order** | | |
| Primary actor | Sales agent | Secondary actors | - |
| Description | A Sales Agent from a company orders items for the clients, selects the items he needs to buy for his clients from the menu and then places the order if the items are on stock. | | |
| Trigger | The sales agent receives a request for the items from one of his clients. | | |
| Preconditions | PRE-1: Sales agent is logged into his account.  PRE-2: The stock of the items is enough. | | |
| Postconditions | POST-1: Inventory of available items is updated to reflect items that are still on stock. | | |
| Normal flow | **1.0 Order a set of items**   1. Sales agent accesses the terminal. 2. The terminal displays menu of available items with their respective prices and available quantity. 3. Sales agent selects one or more items from menu and their quantity and presses the button on them to add to cart. 4. System checks if the available quantity is available and adds them to cart. 5. Sales agent presses the view cart button. 6. Application displays the selected items, individual prices and quantity, and total price. 7. Sales agent either continues with the order process (continue normal flow) and presses the order button or goes back to menu to modify order (return to step 2). 8. Application asks to choose or add a new delivery address to preferences. 9. Sales agent selects a delivery address from the displayed list and presses the place order button. 10. Application confirms acceptance of the order and sends an email to the sales agent confirming order details, price, and delivery instructions. 11. Application stores order and updates available items quantity | | |
| Alternative flows | **1.1 Sales agent needs to enter a new delivery address**  9a. Sales agent chooses to add a new delivery address  9a.1. Application displays a form for the needed delivery details.  9a.2. Sales agent introduces all the details needed and presses the save to preference.  9a.3. Application saves the details to preferences.  Return to step 9 of the normal flow. | | |
| Exceptions | **1.0.E1 Insufficient quantity of the items in the basket**  6a. The system determines the quantity of some items in cart are not available and asks the agent to change it.  6a.1. Sales agent changes the quantity to a valid one.  Return to step 6 of the normal flow. | | |

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| ID and name | **UC-3: Manage items** | | |
| Primary actor | Manager | Secondary actors | - |
| Description | For the app to be suitable for more types of items, it allows for managers to manage the items offered by a company. | | |
| Trigger | Need to add new products or modify the existing ones. | | |
| Preconditions | PRE-1: Manager needs to be logged into the app. | | |
| Postconditions | - | | |
| Normal flow | **1.0 Manage items**   1. Manager wants to do CRUD operations on the items sold by his company and chooses the tab for management of products. 2. System displays a tab with the possibility to add, delete, update and search for an item. | | |
| Alternative flows | **-** | | |
| Exceptions | - | | |

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| ID and name | **UC-4: Search for item** | | |
| Primary actor | Manager | Secondary actors | - |
| Description | The manager searches for an item to check something about it, modify or delete it. | | |
| Trigger | The manager wants to quickly find an item. | | |
| Preconditions | PRE-1: Manager needs to be logged into the app. | | |
| Postconditions | - | | |
| Normal flow | **1.0 Item search**   1. Manager enters the name of the item he wants to search for. 2. System displays only the items that match that name. | | |
| Alternative flows | **-** | | |
| Exceptions | **-** | | |

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| ID and name | **UC-5: Add item** | | |
| Primary actor | Manager | Secondary actors | - |
| Description | The manager ads an item to the app so the sales agent could order it for their clients. | | |
| Trigger | The company have new items in their catalogue so the manager needs to add it to the app. | | |
| Preconditions | PRE-1: Manager needs to be logged into the app. | | |
| Postconditions | POST-1: The new item is added to the database. | | |
| Normal flow | **1.0 Item added successfully**   1. The manager presses the button to add a new item. 2. The system displays a window asking for the details of the item to be added. 3. Manager adds the required information about the new item and presses the save button. 4. System displays a message saying the item was added and saves it to the database. | | |
| Alternative flows | - | | |
| Exceptions | **1.0.E1 Error while adding the item**  4a. System shows a message that the item wasn’t added due to an error and highlights the invalid items and asks the manager to reenter them.  4a.1 The manager corrects the invalid data and presses the save button again.  Returns to step 4 of the normal flow. | | |

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| ID and name | **UC-6: Delete item** | | |
| Primary actor | Manager | Secondary actors | - |
| Description | The manager needs to delete an item from the app in case the company stopped selling and distributing the respective item. | | |
| Trigger | The company is not selling nor distributing an item and it can be deleted. | | |
| Preconditions | PRE-1: Manager needs to be logged into the app. | | |
| Postconditions | POST-1: The item is removed from the database. | | |
| Normal flow | **1.0 Item deleted successfully**   1. Manager presses the delete button for an item. 2. System asks for confirmation for deleting the item. 3. The manager confirms the deletion. 4. The system deletes the item from the database. | | |
| Alternative flows | **-** | | |
| Exceptions | **-** | | |

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| ID and name | **UC-7: Update item** | | |
| Primary actor | Manager | Secondary actors | - |
| Description | The price of a product might change due to a discount or inflation so the manager would need to change the price, or even other details of an item. | | |
| Trigger | Some details of a product changed and it needs to be reflected in the app. | | |
| Preconditions | PRE-1: Manager needs to be logged into the app. | | |
| Postconditions | POST-1: Details of an item will be updated in the database. | | |
| Normal flow | 1. **Item updated successfully** 2. Manager pressed the edit button for an item. 3. System displays a window with the product details where the manager can change them. 4. Manager modifies the fields he needs to, then presses the save changes button. 5. System closes the window and updates the item in the database and notifies the manager that the item update ended successfully. | | |
| Alternative flows | - | | |
| Exceptions | **1.0.E1 Error while updating item**  4a. System shows a message that the item wasn’t updated because the data was invalid, highlights it and asks the manager to change it.  4a.1 The manager corrects the info and presses the save changes button.  Return to step 4 of normal flow. | | |

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| ID and name | **UC-8: Manage accounts** | | |
| Primary actor | Manager | Secondary actors | - |
| Description | Because the sales agents employed by the company could keep on changing, the manager should be able to modify their accounts. | | |
| Trigger | Need to add new accounts for the sales agents or modify the existing ones. | | |
| Preconditions | PRE-1: Manager needs to be logged into the app. | | |
| Postconditions | - | | |
| Normal flow | **1.0 Manage accounts**   1. The manager wants to do CRUD operations on the sales agents’ accounts and opens the tab for managing accounts. 2. System displays a tab with the possibility to add, delete, update and search for an account. | | |
| Alternative flows | **-** | | |
| Exceptions | - | | |

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| ID and name | **UC-9: Search for an account** | | |
| Primary actor | Manager | Secondary actors | - |
| Description | The manager searches for an account to check something about it, modify or delete it. | | |
| Trigger | The manager wants to quickly find an account. | | |
| Preconditions | PRE-1: Manager needs to be logged into the app. | | |
| Postconditions | - | | |
| Normal flow | **1.0 Account search**   1. Manager enters the username of the account he wants to search for. 2. System displays only the items that match that username. | | |
| Alternative flows | **-** | | |
| Exceptions | **-** | | |

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| ID and name | **UC-10: Create account** | | |
| Primary actor | Manager | Secondary actors | - |
| Description | The manager can create an account for a sales agent of the company. | | |
| Trigger | The company hires a new sales agent and the manager needs to create an account for him. | | |
| Preconditions | PRE-1: Manager needs to be logged into the app. | | |
| Postconditions | POST-1: The new account is added to the database. | | |
| Normal flow | 1. **Account created successfully** 2. The manager presses the create account button. 3. The system displays a window asking for details for the new account. 4. The manager enters the details and presses the create account button. 5. The system displays a message confirming the save and adds the new account to the database. | | |
| Alternative flows | - | | |
| Exceptions | **1.0.E1 Error while creating the account**  4a. The system shows a message saying the account wasn’t created because the invalid data (username already in use or password not being a proper password) and asks the manager to choose another one.  4a.1. The manager enters a valid username.  Return to step 4 of the normal flow. | | |

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| ID and name | **UC-10: Delete Account** | | |
| Primary actor | Manager | Secondary actors | - |
| Description | The manager needs to delete an account from the app in case the sales agent stopped working for their company. | | |
| Trigger | A sales agent stopped working at the company. | | |
| Preconditions | PRE-1: Manager needs to be logged into the app. | | |
| Postconditions | POST-1: The account is deleted from the database. | | |
| Normal flow | 1. **Item deleted successfully** 2. The manager presses the delete button for an account. 3. System asks for confirmation for deleting the account. 4. The manager confirms the deletion of the account. 5. The system deletes the account from the database and shows a message about end of the action. | | |
| Alternative flows | **-** | | |
| Exceptions | **-** | | |

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| ID and name | **UC-11: Update account** | | |
| Primary actor | Manager | Secondary actors | - |
| Description | A sales agent might want to change his password or username. | | |
| Trigger | A sales agent wants to modify his password or username for convenience or because he forgot them. | | |
| Preconditions | PRE-1: Manager needs to be logged into the app. | | |
| Postconditions | POST-1: Details of an account will be modified in the database. | | |
| Normal flow | 1. **Account updated successfully** 2. The managers presses the edit account button for an account. 3. System displays a window with the account information where the manager can modify them. 4. Manager modified the fields he needs to and then presses the save button changes. 5. System closes the window and updates the account in the database and shows a message that the update happened successfully. | | |
| Alternative flows | - | | |
| Exceptions | **1.0.E1 Error while updating account**  4a. System shows a message that the account wasn’t updated because the data was invalid (username already in use or password not being a proper password) and asks the manager to change them.  4a.1 The manager corrects the credentials and presses the save changes button.  Return to step 4 of normal flow. | | |