**Use cases**

Use case 1

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC1: Adding a new medicine | | |
| Primary actor | Pharmacist | Secondary actors |  |
| Description | A pharmacist inserts the new medicine’s values into specific inputs. | | |
| Trigger | An unsaved medicine arrives at the pharmacy. | | |
| Preconditions | PRE-1: The pharmacist is logged into the Pharmacy Application | | |
| Postconditions | POST-1: The medicine is successfully saved. | | |
| Normal flow | 1. **Save a medicine** 2. Pharmacist clicks a button to save a new medicine. 3. Pharmacy Application displays a new window with inputs required to fill. 4. Pharmacist fills out the inputs with the medicine’s specific data and clicks a save button. 5. Pharmacy Application saves the new medicine and confirms it to the pharmacist with the message “Medicine saved successfully!”. | | |
| Alternative flows | **1.1 Save multiple medicines**  1. Return to step 1 of normal flow. | | |
| Exceptions | **1.0.E1 Inputs aren’t filled correctly**  1. Pharmacy Application informs the pharmacist save inputs were filled incorrectly through the message “Data introduced incorrectly!”.  2a. Pharmacist can retry medicine save process.  2b. Pharmacist can cancel the medicine save process. | | |

Use case 2

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC2: Change the details of a medicine | | |
| Primary actor | Pharmacist | Secondary actors |  |
| Description | A pharmacist inserts the new details in specific inputs. | | |
| Trigger | An update occurred for a medicine. | | |
| Preconditions | PRE-1: Pharmacist is logged into the Pharmacy Application | | |
| Postconditions | POST-1: Medicine gets updated. | | |
| Normal flow | 1. Update a medicine 2. Pharmacist clicks a button to specify the need to update a medicine after selecting it from a medicines list. 3. Pharmacy Application displays a window with inputs for the new data of the selected medicine. 4. Pharmacist fills out the inputs with the corresponding new data. 5. Pharmacy Application updates the selected medicine and confirms it to the pharmacist through the message “Medicine updated!”. | | |
| Alternative flows | * 1. Update multiple medicines.  1. Repeat step 1 in normal flow. | | |
| Exceptions | 1.0E1 Data is introduced incorrectly  1. Pharmacy Application informs the pharmacist the inputs weren’t filled out correctly through the message “Data introduced incorrectly!”.  2a. Pharmacist can retry the updating process.  2b. Pharmacist can abort the updating process. | | |
|  |  | | |

Use case 3

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC3: Delete a medicine | | |
| Primary actor | Pharmacist | Secondary actors |  |
| Description | A pharmacist deletes a medicine | | |
| Trigger | Pharmacist was requested to remove a medicine | | |
| Preconditions | PRE-1: Pharmacist is logged into the Pharmacy Application | | |
| Postconditions | POST-1: Medicine gets deleted from the medicine list. | | |
| Normal flow | 1.0 Delete a medicine  1. Pharmacist clicks a button to specify the need to delete a medicine after selecting it from a medicine list.  2. Pharmacy Application confirms the medicine has been deleted through the message “Medicine deleted!”. | | |
| Alternative flows | 1.1 Delete multiple medicines.  Repeat step 1 in normal flow. | | |
| Exceptions |  | | |
|  |  | | |

Use case 4

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC4: Filter the medicines | | |
| Primary actor | Pharmacist | Secondary actors |  |
| Description | A pharmacist filters medicines by their purpose | | |
| Trigger | A need to quickly find specific medicines | | |
| Preconditions | PRE-1: Pharmacist is logged into the Pharmacy Application | | |
| Postconditions | POST-1: Medicines list gets updated with filtered medicines only | | |
| Normal flow | 1.0 Update a medicine  1. Pharmacist clicks a button to specify the need to filter the medicines.  2. Pharmacy Application displays a menu with input for the purpose of the wanted medicines.  3. Pharmacist fills out the input with the filtering parameter and clicks on a filter button.  4. Pharmacy Application updates the list of medicines with only the filtered ones. | | |
| Alternative flows | * 1. Filter multiple times.  1. Repeat step 1 in normal flow. | | |
| Exceptions | 1.0E1 Data is introduced incorrectly  1. Pharmacy Application informs the pharmacist the inputs weren’t filled out correctly through the message “Data introduced incorrectly!”.  2a. Pharmacist can retry the filtering process.  2b. Pharmacist can abort the filtering process. | | |
|  |  | | |

Use case 5

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC5: Complete an order | | |
| Primary actor | Pharmacist | Secondary actors | Medical Staff Application |
| Description | A pharmacist completes an order. | | |
| Trigger | There are enough medicines for an existent order. | | |
| Preconditions | PRE-1: Pharmacist is logged into the Pharmacy Application  PRE-2: The order’s medicines exist in the pharmacy. | | |
| Postconditions | POST-1: The order’s status changes to ‘completed’.  POST-2: The Medical Staff Application gets notified of the order’s completion.  POST-3: The medicines get updated in the pharmacy.  POST-4: The order disappears from the orders list in the pharmacy. | | |
| Normal flow | 1.0 Complete an order  1. Pharmacist selects an order and presses the ‘Complete order’ button.  2. Pharmacy Application confirms the success of the process through the message “Order completed successfully!” and updates the used medicines and the list of orders.  3. The order’s section Medical Staff Application gets updated with the completed status of the order. | | |
| Alternative flows | 1.1 Complete multiple orders  1. Repeat step 1 in normal flow. | | |
| Exceptions | 1.0E1 Not enough medicines in the pharmacy  1. Pharmacy Application informs the pharmacist the selected order cannot be completed due to insufficient medicines required with the message “Not enough medicines!”.  2. Pharmacist waits for a supply of medicines. | | |
|  |  | | |

Use case 6

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC6: Send an order | | |
| Primary actor | Medical Staff | Secondary actors | Pharmacy Application |
| Description | A medical staff sends an order. | | |
| Trigger | A need of medicines. | | |
| Preconditions | PRE-1: The medical staff is logged into the Medical Staff Application | | |
| Postconditions | POST-1: The Pharmacy Application gets notified of the new order. | | |
| Normal flow | 1.0 Send an order  1. Medical Staff clicks on ‘New order’ button.  2. Medical Staff Application displays a window where the staff can specify which medicine and its quantity.  3. Medical Staff fills out the inputs and clicks on ‘Send order’ button.  4. Medical Staff Application informs the staff of the success of the process through the message ”Order placed successfully!”.  5. Pharmacy Application gets notified about the new order. | | |
| Alternative flows | 1.1 Send multiple orders  1. Repeat step 1 in normal flow. | | |
| Exceptions | 1.0E1 Data introduced incorrectly  1. Medical Staff Application informs the staff the data had been introduced incorrectly through the message “Data introduced incorrectly!”.  2a. The staff can retry the process.  2b. The staff can abort the process. | | |
|  |  | | |

Use case 7

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC7: View orders | | |
| Primary actor | Medical Staff | Secondary actors |  |
| Description | A medical staff can see the statuses of their section’s orders | | |
| Trigger | A need of knowing the statuses of the orders. | | |
| Preconditions | PRE-1: The medical staff is logged into the Medical Staff Application | | |
| Postconditions | POST-1: The medical staff gets displayed a list of orders | | |
| Normal flow | 1.0 View orders  1. Medical Staff logs into the application.  2. Medical Staff Application displays the window of the application, where there can be seen a list of orders from that section. | | |
| Alternative flows |  | | |
| Exceptions |  | | |
|  |  | | |