**Use case 1:**

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| **Use case name:** Login |
| **Participant actors:** Initiated by Admin |
| **Flow of events:**   1. Admin displays the login screen of the application. 2. Admin enters username and password to the related areas. 3. Admin clicks "Login" button. 4. System checks the information from database. 5. System fetches the main screen of administrator. |
| **Entry Condition:**-Admin displays the login screen of the system.  -Admin saves his/her information to the database. |
| **Exit Condition:** Admin clicks "Login" button and system displays the admin main page. |
| **Quality Requirements**: - If admin leaves one or more fields empty, system displays a warning message, like "This area cannot be empty.".  -If the information checked from database are not true, system displays a warning message, like "Wrong username or password, please retry.". |

**Use case 2:**

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| **Use case name:** Add Doctor |
| **Participant actors:** Initiated by Admin |
| **Flow of events:**   1. Admin clicks "Add New Doctor" button. 2. System fetches the screen that new personnel can be added. 3. Admin fills the related areas with the personal information of the new doctor.   a) If admin leaves a field empty, system displays a warning message, like "This area cannot be empty."   1. Admin clicks "Save" button.   a) If admin closes the page without saving, system does not save the information.   1. System saves the new doctor and his/her information to the database. 2. System displays a "Saved successfully!" message on a dialogue box.   a) If system fails to save information to the database, it displays a "saving is unsuccessful" message   1. System redirects admin to the admin main page. |
| **Entry Condition:** Admin logs in to the Drug Store System.  Admin displays his/her main page. |
| **Exit Condition:** System saves the new personnel and his/her information to the database, then system displays a "Saved successfully!" message and system redirects admin to the admin main page. |
| **Quality Requirements:** - If admin leaves a field empty, system displays a warning message, like "This area cannot be empty."  -If admin closes the page without saving, system does not save the information.  -If system fails to save information to the database, it displays a "saving is unsuccessful" message. |

**Use case 3:**

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| **Use case name:** Delete Doctor |
| **Participant actors:** Initiated by Admin |
| **Flow of events:**   1. Admin selects a doctor that is going to be deleted.   a) If admin does not select a doctor from doctor list, system displays a warning message, like "A selection must be done to delete"   1. Admin clicks the "Delete Doctor" button. 2. System deletes the selected doctor record from database. 3. System displays a "Deleted successfully!" message on a dialogue box.   a) If system fails to delete information from the database, it displays a "deleting is unsuccessful" message.   1. System reloads the doctor list screen. |
| **Entry Condition:**.-Admin logs in to the Drugstore System.  -Admin displays the screen that list of doctor is displayed. |
| **Exit Condition:** System displays a "Deleted successfully!" message and system reloads the doctor list screen. |
| **Quality Requirements:** -If admin does not select a doctor from doctor list, system displays a warning message, like "A selection must be done to delete".  - If system fails to delete information from the database, it displays a "deleting is unsuccessful" message. |

**Use case 4:**

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| **Use case name:** ApproveRequestofDoctor |
| **Participant actor instances:** Initiated by Administrator |
| **Flow of events:**   1. Admin clicks the "Request of Doctor" button. 2. System shows List of Requests of Doctor. 3. Admin choose doctor name and click "Approve" button. 4. Admin clicks the "Save" button. 5. System shows a "Saved successfully!" message on a dialogue box. |
| **Entry Condition:** Admin logs in to the Drugstore System.  Admin displays his/her main page. |
| **Exit Condition:** Admin clicks "Logout" button and system redirects admin to the login page. |
| **Quality Requirements:** -If admin does not select any request of doctor, and click approve system displays a warning message, like "You should choose a request".  - If admin closes the page without saving, system does not save the information.  - If system fails to save information to the database, it displays a "saving is unsuccessful" message. |

**Use case 5:**

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| **Use case name:** ListOfDoctor |
| **Participant actors:** Initiated by Admin |
| **Flow of events:**   1. Admin clicks the "List Doctor" button on admin main page. 2. System fetches the screen which list of doctor can be displayed. 3. Admin clicks "Back" button. 4. The system directs admin to his/her main page. |
| **Entry Condition:** Admin logs in to the Examination System.  Admin displays his/her main page. |
| **Exit Condition:** Admin clicks "Back" button and system directs admin to his/her main page. |
| **Quality Requirements:** None. |

**Use case 6:**

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| **Use case name:** ListofDrug |
| **Participant actors:** Initiated by Admin |
| **Flow of events:**   1. Admin clicks the "List Drug" button on admin main page. 2. System fetches the screen which list of drug can be displayed. 3. Admin clicks "Back" button. 4. The system directs admin to his/her main page. |
| **Entry Condition:** Admin logs in to the Drugstore System.  Admin displays his/her main page. |
| **Exit Condition:** Admin clicks "Back" button and system directs admin to his/her main page. |
| **Quality Requirements:** None. |

**Use case 7:**

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| **Use case name:** Add Drug |
| **Participant actors:** Initiated by Admin |
| **Flow of events:**   1. Admin clicks "Add New Drug" button. 2. System fetches the screen that new personnel can be added. 3. Admin fills the related areas with the personal information of the new drug.   a) If admin leaves a field empty, system displays a warning message, like "This area can not be empty."   1. Admin clicks "Save" button.   a) If admin closes the page without saving, system does not save the information.   1. System saves the new drug and his/her information to the database. 2. System displays a "Saved successfully!" message on a dialogue box.   a) If system fails to save information to the database, it displays a "saving is unsuccessful" message   1. System redirects admin to the admin main page. |
| **Entry Condition:** Admin logs in to the Drug Store System.  Admin displays his/her main page. |
| **Exit Condition:** System saves the new personnel and his/her information to the database, then system displays a "Saved successfully!" message and system redirects admin to the admin main page. |
| **Quality Requirements:** - If admin leaves a field empty, system displays a warning message, like "This area cannot be empty."  -If admin closes the page without saving, system does not save the information.  -If system fails to save information to the database, it displays a "saving is unsuccessful" message. |

**Use case 8:**

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| **Use case name:** Delete Drug |
| **Participant actors:** Initiated by Admin |
| **Flow of events:**   1. Admin selects a drug that is going to be deleted.   a) If admin does not select a drug from drug list, system displays a warning message, like "A selection must be done to delete"   1. Admin clicks the "Delete Drug" button. 2. System deletes the selected drug record from database. 3. System displays a "Deleted successfully!" message on a dialogue box.   a) If system fails to delete information from the database, it displays a "deleting is unsuccessful" message.   1. System reloads the doctor list screen. |
| **Entry Condition:**.-Admin logs in to the Drugstore System.  -Admin displays the screen that list of doctor is displayed. |
| **Exit Condition:** System displays a "Deleted successfully!" message and system reloads the doctor list screen. |
| **Quality Requirements:** -If admin does not select a drug from drug list, system displays a warning message, like "A selection must be done to delete".  - If system fails to delete information from the database, it displays a "deleting is unsuccessful" message. |

**Use case 9:**

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| **Use case name:** Logout |
| **Participant actors:** Initiated by Admin |
| **Flow of events:**   1. Admin clicks "Logout" button. 2. System redirects admin to the login page. |
| **Entry Condition:** Admin logs in to the Drugstore System.  Admin displays his/her main page. |
| **Exit Condition:** Admin clicks "Logout" button and system redirects admin to the login page. |
| **Quality Requirements:** None. |

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| **Use case name:** Update Drug |
| **Participant actors:** Initiated by Admin |
| **Flow of events:**   1. Admin selects a drug that is going to be update.   a) If admin does not select a drug from drug list, system displays a warning message, like "A selection must be done to edit".   1. Admin clicks the "Update Drug Information" button. 2. System fetches the screen that displays the information of selected personnel. 3. Admin changes necessary areas with the drug information of the selected drug.   a) If admin leaves a field empty, system displays a warning message, like "This area cannot be empty.".   1. Admin clicks the "Save" button.   a) If admin closes the page without saving, system does not save the information.   1. System saves the changes to the database. 2. System displays a "Saved successfully!" message on a dialogue box.   a) If system fails to save information to the database, it displays a "saving is unsuccessful" message.   1. System redirects admin to the admin main page. |
| **Entry Condition:** Admin logs in to the Examination System.  Admin displays the screen that list of drug is displayed. |
| **Exit Condition:** System saves the changes to the database and displays a "Saved successfully!" message, then redirects admin to the admin main page |
| **Quality Requirements:** - If admin does not select a drug from drug list, system displays a warning message, like "A selection must be done to update".  - If admin leaves a field empty, system displays a warning message, like "This area cannot be empty.".  - If admin closes the page without saving, system does not save the information.  - If system fails to save information to the database, it displays a "saving is unsuccessful" message. |