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| **USE CASE NAME:** | Close Admission | **USE CASE TYPE** |
| **USE CASE ID:** | 26 | **Design Requirements: 🗹** |
| **PRIORITY:** | High |  |
| **PRIMARY BUSINESS ACTOR:** | Assistant Administrator | |
| **OTHER PARTICIPATING ACTORS:** | None | |
| **DESCRIPTION:** | This use case describes the assistant administrator closing a selected admission. | |
| **PRE-CONDITIONS:** | The assistant administrator has logged onto the system. | |
| **TYPICAL COURSE** | Step 1 The assistant administrator selects the “Close Admission” function.  Step 2 The system displays the “Close Admission” form.  Step 3 The system gets all of the billed admissions.  Step 4 The system displays a list of all the billed admissions (admission ID and description) that have payments.  Step 5 The assistant administrator selects the admission to close.  Step 6 The system gets the admission’s details.  Step 7 The system displays the admission’s details (admission ID, description, and admission date).  Step 8 The assistant administrator clicks on the “Close Admission” button.  Step 9 The system gets the amount, medication and cost from each prescription for the admission.  Step 10 The system gets the fee for each doctor allocated to the admission.  Step 11 The system calculates the amount due by summing the product of each prescription’s amount and medication’s cost and adding it to the sum of the doctor’s fees.  Step 12 The system calculates the amount paid (the sum of all payments made) on the admission.  Step 13 The system check that the amount due is equal to or less than the amount paid.  Step 14 The system updates the status of the admission to closed.  Step 15 The system deletes all allocations related to the admission.  Step 16 The system deletes all prescriptions related to the admission.  Step 17 The system displays the message “Admission closed successfully”.  Step 18 The assistant administrator clicks on the “Return” button.  Step 19 The system closes the form to end the use case. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | Step 5a.1 The assistant administrator clicks on the “Return” button to cancel the operation.  Step 5a.2 The system goes to step 19. | |
| Step 14a.1 The system, having determined that the amount due is greater than the amount paid, displays the message “Full payment has not been made yet.”  Step 14a.2 The system goes to step 2. | |
| Step 18a.1 The assistant administrator elects to close another admission.  Step 18a.2 The system goes to step 2. | |
| **POST CONDITIONS:** | The admission’s status is set to closed. | |
| **ASSUMPTIONS:** | None | |