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| **USE CASE NAME:** | Close Admission | **USE CASE TYPE** |
| **USE CASE ID:** | 26 | **Business 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 with a list of all the billed admissions (admission id and description) that have payments.  Step 3 The assistant administrator selects the admission to close.  Step 4 The system displays the admission’s details (admission id, description, and admission date).  Step 5 The assistant administrator elects to close the admission.  Step 6 The system gets the amount, medication and cost from each prescription for the admission.  Step 7 The system gets the fee for each doctor allocated to the admission.  Step 8 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 9 The system calculates the amount paid (the sum of all payments made) on the admission.  Step 10 If the amount due is equal to or less than the amount paid, then the system updates the status of the admission to closed, deletes all allocations related to the admission, deletes all prescriptions related to the admission, and displays the message “Admission closed successfully” and the “Close another admission” prompt “.  Step 11 If the amount due is greater than the amount paid, then the system displays the message “Full payment has not been made yet”.  Step 12 The assistant administrator elects to end the use case.  Step 13 The system closes the form. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | Step 3a.1 The assistant administrator elects to cancel the operation.  Step 3a.2 The system goes to step 13. | |
| Step 12a.1 The assistant administrator elects to close another admission.  Step 12a.2 The system goes to step 2. | |
| **POST CONDITIONS:** | The admission’s status is set to closed. | |
| **ASSUMPTIONS:** | None | |