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| **USE CASE NAME:** | Add Patient | **USE CASE TYPE** |
| **USE CASE ID:** | 1 | **Design Requirements: 🞎** |
| **PRIORITY:** | High |  |
| **PRIMARY BUSINESS ACTOR:** | Assistant Administrator | |
| **OTHER PARTICIPATING ACTORS:** | None | |
| **DESCRIPTION:** | This use case allows the assistant administrator to add a patient’s details. | |
| **PRE-CONDITIONS:** | The assistant administrator has logged onto the system | |
| **TYPICAL COURSE** | Step 1: The assistant administrator selects the “Add Patient” function.  Step 2: The system displays the “Add Patient” form with all fields blank.  Step 3: The assistant administrator enters the patient’s id, last name, first name, street address, suburb, city, email address, phone number, and insurance code.  Step 4: The system confirms that the details are filled in correctly.  Step 5: The assistant administrator selects to add the patient.  Step 6: The system saves the patient’s details (patient id, last name, first name, street address, suburb, city, email address, phone number, and insurance code).  Step 7: The system displays the “Patient added successfully” message.  Step 8: The system displays the “Add another patient?” prompt.  Step 8: The assistant administrator selects to end the use case.  Step 9: The system closes the form to end the use case. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | Step 4a1: The system identifies that the details are missing or incorrect, prompts for the completion of the details.  Step 4a2: The system goes to step 3. | |
| Step 5a1: The assistant administrator selects to cancel the operation.  Step 5a2: The system goes to step 9. | |
|  | Step 8a1: The assistant administrator selects to add another patient.  Step 8a2: The system goes to step 2. | |
| **POST CONDITIONS:** | None | |
| **ASSUMPTIONS:** | None | |

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| **USE CASE NAME:** | Update Patient | **USE CASE TYPE** |
| **USE CASE ID:** | 2 | **Design Requirements: 🞎** |
| **PRIORITY:** | High |  |
| **PRIMARY BUSINESS ACTOR:** | Assistant Administrator | |
| **OTHER PARTICIPATING ACTORS:** | None | |
| **DESCRIPTION:** | This use case allows the assistant administrator to update a selected patient’s details. | |
| **PRE-CONDITIONS:** | The assistant administrator has logged onto the system | |
| **TYPICAL COURSE** | Step 1: The assistant administrator selects the “Update Patient” function.  Step 2: The system displays the “Update Patient” form.  Step 3: The system gets all the patient’s details.  Step 4: The system displays the list of all the patients (patient ID, last name and first name).  Step 5: The assistant administrator selects the patient that has details that needs updating.  Step 6: The system displays the selected patient’s details (patient id, last name, first name, street address, suburb, city, phone number, email address, and insurance code).  Step 7: The assistant administrator updates the relevant patient’s details (last name, first name, street address, suburb, city, phone number, email address, and insurance code only).  Step 8: The system validates the entries in the fields and prompts for confirmation to change the patients details.  Step 9: The assistant administrator confirms the change of details.  Step 10: The system saves the patient’s details.  Step 11: The system displays the “Patient updated successfully” message.  Step 12: The system displays the “Update another patient?” prompt.  Step 13: The assistant administrator selects to end the use case.  Step 14: The system closes the form to end the use case. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | Step 5a1: The assistant administrator selects to cancel the operation.  Step 5a2: The system goes to step 14. | |
| Step 8a1: The system identifies missing or incorrect fields, prompts for the completion of the entry.  Step 8a2: The system returns to step 7. | |
|  | Step 8a1: The assistant administrator selects to cancel the changes.  Step 8a2: The system goes to step 14. | |
|  | Step 13a1: The assistant administrator selects to update another patient.  Step 13a2: The system returns to step 3. | |
| **POST CONDITIONS:** | None | |
| **ASSUMPTIONS:** | None | |

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| **USE CASE NAME:** | Display Main Menu | **USE CASE TYPE** |
| **USE CASE ID:** | 1 | **Design Requirements: 🞎** |
| **PRIORITY:** | High |  |
| **PRIMARY BUSINESS ACTOR:** | Assistant administrator | |
| **OTHER PARTICIPATING ACTORS:** | Research administrator | |
| **DESCRIPTION:** | This use case allows assistant administrator or research administrator to start the application and select options. | |
| **PRE-CONDITIONS:** | The assistant administrator has logged onto the system | |
| **TYPICAL COURSE** | Step 1: The assistant administrator or research administrator starts the “Saint Albert Hospital Management” application.  Step 2: The system creates the data controller object that connects the application to the database  Step 3: The system displays the “Main Menu” form with the following options:   1. Add a patient 2. Update a patient 3. Delete a patient 4. Produce patients report 5. Record a payment 6. Add a research topic 7. Update a research topic 8. Delete a research topic   Step 4: The assistant administrator or research administrator selects an option.  Step 5: The system loads the corresponding form.  Step 6: The assistant administrator or research administrator clicks on the “Exit” button.  Step 7: The system closes the application. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | Step 4a1: The administrator clicks on the “Exit” button.  Step 4a2: The system goes to step 7. | |
| Step 6a1: The research administrator elects to select another option (either options 1, 2, 3, 4, or 5).  Step 6a2: The system goes back to step 3.  Step 6b1: The research administrator elects to select another option (either options 6, 7 or 8).  Step 6b2: The system goes back to step 3. | |
| **POST CONDITIONS:** | None | |
| **ASSUMPTIONS:** | None | |