

1. See Page 1 in diagrams.xml.
2. See Page 2 in diagrams.xml.

3. A) **Use Case Diagram & Use Case Description:**

- There should be one description per use case in the diagram
- A description was created for each of the use cases shown in the diagram with relevant actors and information.

B) **Use Case Diagram & Sequence Diagram:**

- At least one sequence diagram per use case, use case diagram actors match sequence diagram actors
- The sequence diagrams in question 1 match the use cases made in Lab Assignment 3, and they have the same actors.

C) **Use Case Description & Class Diagram:**

- Entity classes and attributes appear in both description and diagram.
- The attributes that are in the class diagram in Lab Assignment 3 are also in a table in the use case description.

D) **Use Case Description & Sequence Diagram:**

- every scenario described in the sequence diagrams should match a sequence of steps in the corresponding use case description
- The use case description regarding generating reports for example have a matching flow in the lab assignment 4 sequence diagram and the use case description described in lab assignment 3 in the basic flow section.

E) **Class Diagram & Sequence Diagram:**

- Objects must be instances of classes in class diagram.
- Every object in the sequence diagram is also a part of a class in the class diagram defined in lab assignment 3.

F) **Class Diagram & State Machine:**

- Attributes/state variables used in state machines are found in the class diagram.
- The states used in the state machines are attributes that are described in the class diagram, such as vaccine supply.

G) **Sequence Diagram & State Machine:**

- Scenarios in state machine and sequence diagram should match.
- Retrieving patient information is a matching scenario in both diagrams.