**SEF Assessment 2 – Diagram Requirements.**

**Sequence Diagrams:**

**1:**

**Case:**

* Order 3 vials.
* Set for immediate (ASAP).
* On-Vacc updates status to DELIVERY-PENDING.
* When arrives Vera scans each vial.
* System stores manufacturers ID.
* Vera prints labels and affixes them.
* If expiry date/time is less than 5 days, Vera manually enters new date/time of expiry then prints label.
* If more vials received than ordered, Vera creates a new vial record for each surplus, scans the ID, marks as surplus, returns to courier.
* If less than ordered, update vial record as NOT-DELIVERED.

**2:**

* Patient arrives for appointment.
* Vespa checks to see if pre-submitted form online.
* If not, she requests photo ID and Medicare card, scans them into On-Vacc and provides iPad to complete consent form.
* If patient has pre-submitted but do not have ID, Vespa will record appointment record as “Not Vaccinated” and rebook.
* If patient answers no to any health background questions, or do not confirm the three-consent confirmation, they cannot submit and must exit the form (also has 20 minute time out).
* Vespa reviews saved details of the form and counsel the patient or rebook appointment depending on the case.
* If patient submits successfully, Vespa reviews form and if she has doubts, may question the patient. Depending on results, she may decline to vaccinate and update patient record as “Not Vaccinated” and enter comments/explanation into system.
* After vaccination, Vespa records patients record as “Vaccinated” and lets them wait 15mins on site.
* If adverse reaction, she attends to them, and if different to expectations, records “Adverse Reaction” using On-Vacc.