**Actors:**

* **Patient.**
  + Complete ConsentForm.
    - Trigger DeclineMessage.
      * Exit Form.
        + Save Record (System).
* **Administrator.**
  + Review Details.
  + LogIn StaffMode.
    - Confirm Vaccine.
    - Decline Vaccine.
  + Scan Barcode.
    - Prefill DoseInfo.
      * Check PrefilledInfo.
        + Update Date.

Enter TimeRecieved.

Confirm DoseAdministered.

Record BulkReport (System).

* + Enter TimeRecieved.
  + Record Adverse Reaction.
    - Report Reaction.
* **Admin.**
  + Manage Account.
  + Update Software.
* **Parent.**
  + Consent Dependant.
    - Upload DependentInfo.
* **Coordinator.**
  + Record VialReceipt.
  + Record UnusedVial.
  + Add Administrator.
  + Add Preparer.
* **Preparer.**
  + Scan Barcode.
    - Print Label.
  + Record UnusedVial.
  + Record UnusedSyringe.

**Classes:**

* **ConsentForm**
  + Functions:
    - GiveConsent
    - SignForm
    - PrefillPatientInfo
    - SavePatientInfo
    - TriggerDeclineMessage
    - ExitForm
    - SaveRecord
    - TickCheckBox
    - EnterTextField
    - Dose1
    - Dose2
  + Attributes:
    - On-VaccID
    - daysSinceVacc
    - Name
    - MedicareNumber
    - DOB
    - Address
    - ContactNumber
    - Email
    - Sex
    - NextOfKin
    - NOKContactNumber
    - NOKName
    - **ConsentDate**
    - **ConsentName**
    - **Signature**
    - Allergies
    - AllergicReaction
    - MastCell
    - PreviouslyContractedCOVID
    - BleedingDisorder
    - AntiCoagulant
    - Immunocompromised
    - Pregnant
    - Breastfeeding
    - Sickness
    - PreviousCOVIDVacc
    - PreviousVarVacc
    - Aboriginal
    - TorresTrait
    - AbTorDeclineAnswer
    - ConfirmUnderstanding
    - ConfirmNoCondApply
    - AgreeToVacc
    - PatientGuardian
    - DateAdministered1
    - DateAdministered2
    - TimeRecieved1
    - TimeRecieved2
    - BrandAdministered1
    - BrandAdministered2
    - BatchNo1
    - BatchNo2
    - SerialNo1
    - SerialNo2
    - InjectionSite1
    - InjectionSite2
    - ServiceProvider1
    - ServiceProvider2
* **Guardian**
  + Methods:
    - ConsentDependent
  + Attributes:
    - GuardianID
    - IDProof
    - empProof
    - guardianProof
* **Patient**
  + Methods:
    - PrefillInfo
  + Attributes:
    - On-VaccID
    - Name
    - DOB
    - Address
    - Vacc1Date
* **Administrator**
  + Functions:
    - ConfirmVaccine
    - ScanBarcode
    - FillDoseInfo
    - ReportAdverseReaction
    - DeclineVaccine
  + Attributes:
    - AdministratorID
* **Syringe**
  + Methods:
  + Attributes:
    - SyringeID
    - BatchNo
* **Label**
  + Methods:
    - PrintLabel
  + Attributes:
    - VialID
    - ExpiryDate
    - ExpiryTime
    - DoseNo
* **Vial**
  + Methods:
  + Attributes:
    - VialID
    - ExpiryDate
* **AdverseReaction**
  + Methods:
    - SendReport
  + Attributes:
    - On-VaccID
    - Symptoms
    - Date
    - Time
    - BatchNo
* **Coordinator**
  + Functions:
    - AddAdministrator
    - AddPreparer
    - RecieveVaccine
  + Attributes:
    - CoordinatorID
    - ReceiptDate
    - ReceiptTime
    - OrderNo
* **Preparer**
  + Methods:
    - CalculateDilution
    - ScanBarcode
    - RecordUnusedVial
    - RecordUnusedSyringe
  + Attributes:
    - Dilution
    - SyringeID
    - VialID
    - UnusedVialCause
    - UnusedSyringeCause
* **Admin**
  + Functions:
    - ManageAccount
    - UpdateSoftware
  + Attributes:
    - AdminID