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| Use Case Name | Login |
| Actors Involved | Primary Actor Registered User  Primary Actor Registered User  Primary Actor Registered User  All User |
| Basic Flow | * Users enter the username and password. * Username and Password are checked. * If correct, user dashboard is shown. * Else error message is shown |
| Special Requirements | User need to be registered. |
| Pre-conditions | Existing user (Already have an account) |
| Post-conditions | New page with all the information regarding  the user and account is shown by the system  New page with all the information regarding  the user and account is shown by the system  Dashboard with all the information regarding the user and account is shown by the system |

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| Use Case Name | Register |
| Actors Involved | Beneficiary |
| Basic Flow | * Enter the Personal details and Aadhar Card Unique Id. * An OTP is send to the user for verification. * If successfully verified, registration successful. * Else registration failed. |
| Special Requirements | - |
| Pre-conditions | - |
| Post-conditions | Now user can login to the system. |

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| Use Case Name | Reset Password |
| Actors Involved | Beneficiary, Health worker, Producer, Distributor |
| Basic Flow | * Enter the Login Id. * An OTP is send to the user for verification. * If successfully verified, user will be asked for new password successful. * Else registration failed. |
| Special Requirements | - |
| Pre-conditions | Registered user |
| Post-conditions | New Password is successfully set. |

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| Use Case Name | Logout |
| Actors Involved | Beneficiary, Health worker, Producer, Distributor |
| Basic Flow | Select Logout Option from the dashboard |
| Special Requirements | - |
| Pre-conditions | Already logged in to the system. |
| Post-conditions | Successfully logged out of system. |

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| Use Case Name | Track Vial |
| Actors Involved | Beneficiary, Health worker, Producer, Distributor |
| Basic Flow | * Enter unique Shipment ID of the vial batch. * All the transaction related to shipment will be fetched from the block chain and displayed. |
| Special Requirements | Unique Shipment ID |
| Pre-conditions | Registered user |
| Post-conditions | Shipment Details are fetched. |

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| Use Case Name | View Vaccination Record |
| Actors Involved | Health worker |
| Basic Flow | * Past record tab and select corresponding record. * Details of the particular record is displayed. |
| Special Requirements | - |
| Pre-conditions | Health worker must be logged in to the system. |
| Post-conditions | Desired information is retrieved |

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| Use Case Name | Add Record |
| Actors Involved | Health worker |
| Basic Flow | * Health worker select add record option. * Scans QR code on the vial. * Enter the Identification details of beneficiary * Submit the details. |
| Special Requirements | * Identification Proof should be available with the beneficiary. * Vial with valid unique ID. |
| Pre-conditions | Health worker must be logged in to the system. |
| Post-conditions | Vaccination record is added to the sytem. |

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| Use Case Name | Add Production Record |
| Actors Involved | Producer |
| Basic Flow | * Producer select add record option. * Enter details about the hand-over to government facilities. * Submit the details |
| Special Requirements | Vial Batch is examined by Government Officials before hand-over. |
| Pre-conditions | Producer must be logged in to the system. |
| Post-conditions | Vial batch is added to the system. |

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| Use Case Name | Add Distribution Record |
| Actors Involved | Distributor |
| Basic Flow | * Distributor select add record option. * Enter details about the arrival or dispatch of vial shipment * Submit the details |
| Special Requirements | Shipment received is verified by the distributor. |
| Pre-conditions | Distributor must be logged in to the system. |
| Post-conditions | Shipment information is added to the system. |

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| Use Case Name | Authenticate Users |
| Actors Involved | Admin |
| Basic Flow | * Monitors all the users from the dashboard. * Authenticate or revoke their actions. |
| Special Requirements | - |
| Pre-conditions | Admin must be logged in to the system. |
| Post-conditions | Take relevant actions. |

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| Use Case Name | View all transactions. |
| Actors Involved | Admin |
| Basic Flow | * Monitors all the transactions from the dashboard. |
| Special Requirements | - |
| Pre-conditions | Admin must be logged in to the system. |
| Post-conditions | Take relevant actions. |