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| Use Case Name: | Manages Mobile App | |
| Scenario: | Admin will manage mobile app | |
| Triggering Event: | Mobile app is managed by Admin | |
| Brief Description: | Admin will create, update, delete stored data in the system. All data (client, blood, branch, and system) will be managed by the admin. | |
| Actor: | Admin | |
| Related Use Case: | -Admin registers an account | |
| Stakeholders: | Mobile App | |
| Preconditions: | - Admin must have an account | |
| Post conditions: | Stored data will be kept confidential. | |
| Flow of Events: | Actor | System |
| 1. Admin logs in to the System. 2. Admin performs CRUD (create, read, update, delete) in the Database. | 2.1 System stores or removes data |
| Exception conditions: | Admin cannot alter client’s data | |

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| Use Case Name: | Confirms Client’s Reservations for Blood | |
| Scenario: | Admin will confirm Client’s reservation of blood | |
| Triggering Event: | Client’s reservation of blood is confirmed by Admin | |
| Brief Description: | Admin will confirm client’s reservation of blood and will notify the client that its desired blood type is reserved and ready for pick up. | |
| Actor: | Admin | |
| Related Use Case: | -Admin registers an account | |
| Stakeholders: | Clients and Mobile App | |
| Preconditions: | - Admin must have an account  - Stocks in Blood is known  - Client is verified through registration | |
| Post conditions: | Client will be notified of the confirmation. | |
| Flow of Events: | Actor | System |
| 1. Admin logs in to the System. 2. Admin double checks blood type availability. 3. Admin confirms Client’s reservation of blood. | * 1. System provides details of blood type and it availability.   2. System approves confirmation |
| Exception conditions: | Admin cannot confirm reservation if there are no stocks or all remaining stocks have already been reserved. | |

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| Use Case Name: | Creates / Views Report of Blood Transactions | |
| Scenario: | Admin will create / view Report of blood transactions | |
| Triggering Event: | Report of blood processes is created or viewed by the admin | |
| Brief Description: | Admin will create a report regarding blood transactions completed. | |
| Actor: | Admin | |
| Related Use Case: | -Admin registers an account | |
| Stakeholders: | Mobile App | |
| Preconditions: | -Admin must have an account | |
| Post conditions: | Total number of transactions of blood is recorded and stored in the system. | |
| Flow of Events: | Actor | System |
| 1. Admin logs in to the system. 2. Admin views blood transactions. 3. Admin creates reports of blood transactions. | 2.1 System displays a list of report of blood transactions.  3.1 System stores the report in the database |
| Exception conditions: | Only admins can generate a report. | |

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| Use Case Name: | Inquires about a specific type of blood | |
| Scenario: | Client will inquire about a specific type of blood. | |
| Triggering Event: | Blood type is inquired by client. | |
| Brief Description: | Client will inquire about a specific type of blood, whether if it’s available or not and where it’s available. | |
| Actor: | Client | |
| Related Use Case: |  | |
| Stakeholders: | Mobile App | |
| Preconditions: | -Client must have access to the application (no account needed) | |
| Post conditions: | The Application will display current Blood Type Availability of the inquiries of the client. | |
| Flow of Events: | Actor | System |
| 1. Client uses application. 2. Client inquires about a specific type of blood. 3. Client can opt to reserve for that blood or not. | 2.1 System displays and provides information about blood. |
| Exception conditions: | Client must have an account to reserve for the blood. | |

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| Use Case Name: | Registers an Account | |
| Scenario: | Client will register an account | |
| Triggering Event: | Account is registered by client | |
| Brief Description: | An account is needed to avail of the service to request a reservation of blood. The client must register first an account. | |
| Actor: | Client | |
| Related Use Case: |  | |
| Stakeholders: | Mobile App | |
| Preconditions: | -Client must provide required information for the account registration | |
| Post conditions: | Client will have access to avail blood through the system. | |
| Flow of Events: | Actor | System |
| 1. Client fills up registration form and necessary information needed through the mobile app. 2. Client is registered to the system | * 1. System stores client’s data in the database   2.1 Approve and verify account registration |
| Exception conditions: | Client does not need to register if the client already has an account. | |

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| Use Case Name: | Request for Reservation of Blood | |
| Scenario: | Client will request for a reservation of blood. | |
| Triggering Event: | Reservation of blood is requested by client. | |
| Brief Description: | Client will request for a reservation of blood, so the admin can confirm and have the blood ready for the client to pick up. | |
| Actor: | Client | |
| Related Use Case: | -Client registers an account | |
| Stakeholders: | Admin and Mobile App | |
| Preconditions: | -Client must have access to the application  -Client must have an account | |
| Post conditions: | Through the application, a request for confirmation of blood from the client will be forwarded to the admin. | |
| Flow of Events: | Actor | System |
| 1. Client logs in to the System. 2. Client requests for the reservation of blood. 3. Client will receive confirmation. | 2.1 System will reserve blood.  3.1 System will confirm reservation through the admin. |
| Exception conditions: | Client must claim the blood at a given time, otherwise reservation of blood will be cancelled. | |