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| Use Case Name: | Confirms Reservations of Blood by Clients | |
| 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: |  | |
| Stakeholders: | Clients, Web App / 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. 4. Admin logs out. | 3.1 System will notify client that reservation of blood is confirmed. |
| Exception conditions: | Blood type availability is not yet updated through the reservation; admin must update it. | |

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| Use Case Name: | Updates Blood Type Availability | |
| Scenario: | Admin will update blood type availability in the Database | |
| Triggering Event: | Blood type availability is updated by the Admin | |
| Brief Description: | Admin will check whether the blood type is available and update the application’s database. | |
| Actor: | Admin | |
| Related Use Case: | System Database | |
| Stakeholders: | Web App / Mobile App | |
| Preconditions: | - Admin must have an account  - Stocks in Blood is known | |
| Post conditions: | The Application will display current Blood Type Availability | |
| Flow of Events: | Actor | System |
| 1. Admin logs in to the System. 2. Admin double checks blood type availability in the system. 3. Admin updates the blood type availability in the application’s database. 4. Admin logs out. | 3.1 System displays blood type availability when inquired by client. |
| Exception conditions: | System will not display blood type availability when not inquired by client. | |

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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: | Web App / 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 the web app / mobile app. 2. Client inquires about a specific type of blood. 3. Client can opt to reserve for that blood or not. | 2.1 The application displays blood type availability when inquired by client. |
| Exception conditions: | Client must have an account to reserve for the blood. | |

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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: | - | |
| Stakeholders: | Admin, Web App / 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. Admin will confirm the reservation of blood. 4. Client will receive confirmation. 5. Client logs out. | 2.1 The system will forward the request to the admin  3.1 The system will send confirmation to the client |
| Exception conditions: | - | |