**Online Blood Bank**

**System App**

**Phase #2**

**Team #5**

|  |  |  |
| --- | --- | --- |
| **Member Name** | **Member Roll #** | **Primary Responsibility** |
| **Khan Bibi** | **22F-3330** | Responsible for making ER diagram and activity, sequence, and state diagrams of 1 use case (profile Management), and allotting tasks |
| **Mahira Fatima** | **22F-3385** | Responsible for making all diagrams of 3 use-cases (Login, Verify Password, Display Error) |
| **Ahmed Subhan** | **22F-3336** | Responsible for making all diagrams of 3 use-cases (Register, View Donor details, Contact Donor) |
| **Tabinda Sandhu** | **22L-6889** | Responsible for making all diagrams of 3 use-cases (Find compatible donors, Request SpecificBlood type, MakeImportant Announcements) |
| **Roail Shahid** | **22L-6949** | Responsible for making all diagrams of 3 use-cases (Manage Donor Database, Manage blood inventory, Track donation history) |

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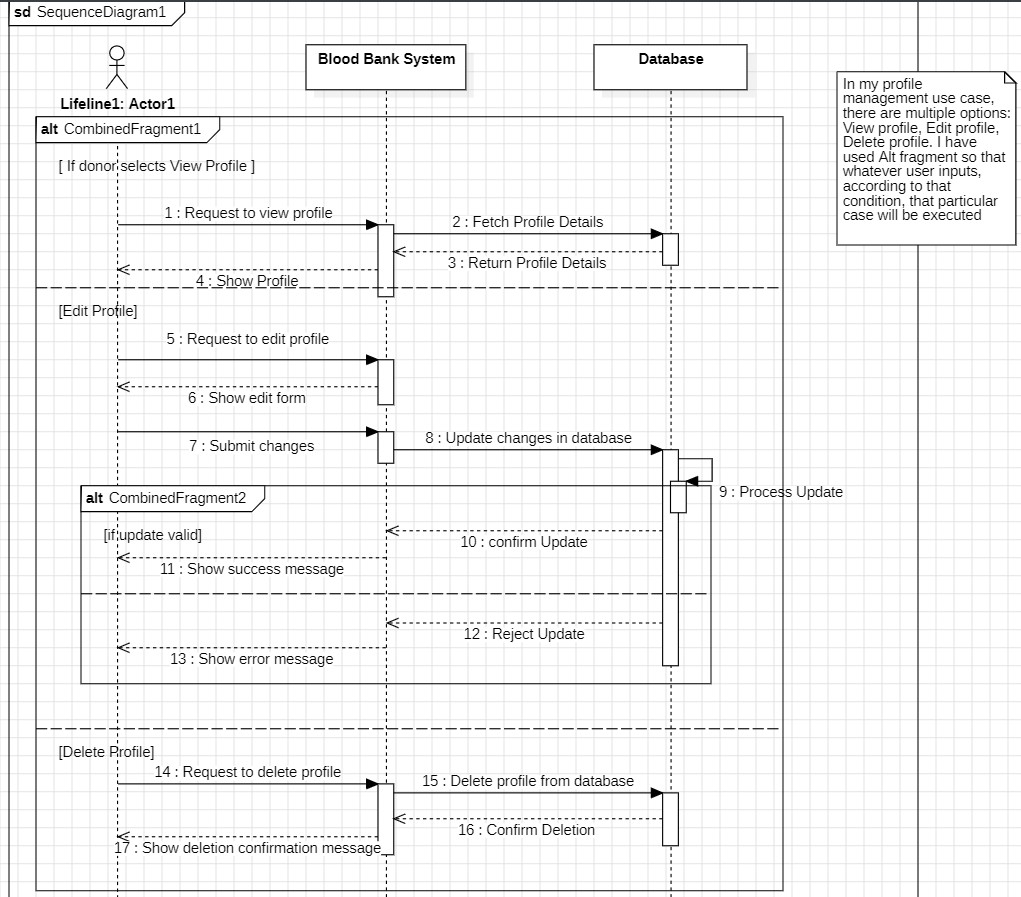
# **ER Diagram**

A diagram of a flowchart

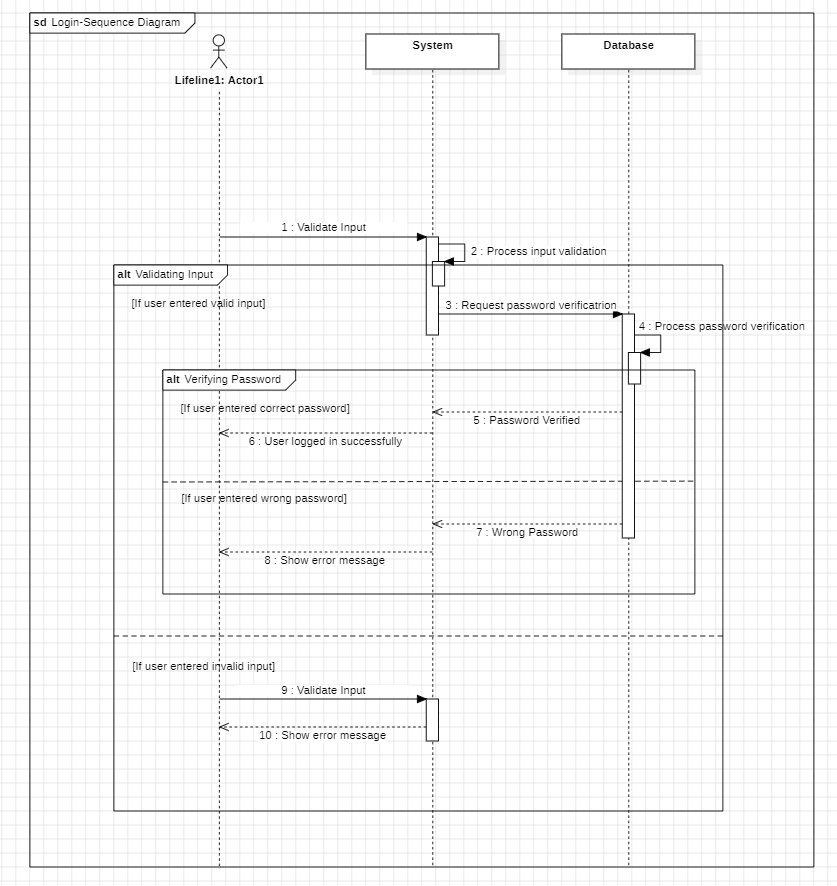
Description automatically generated

# **Sequence Diagram**

## Profile Management



## Login



## Verify Password

A diagram of a system

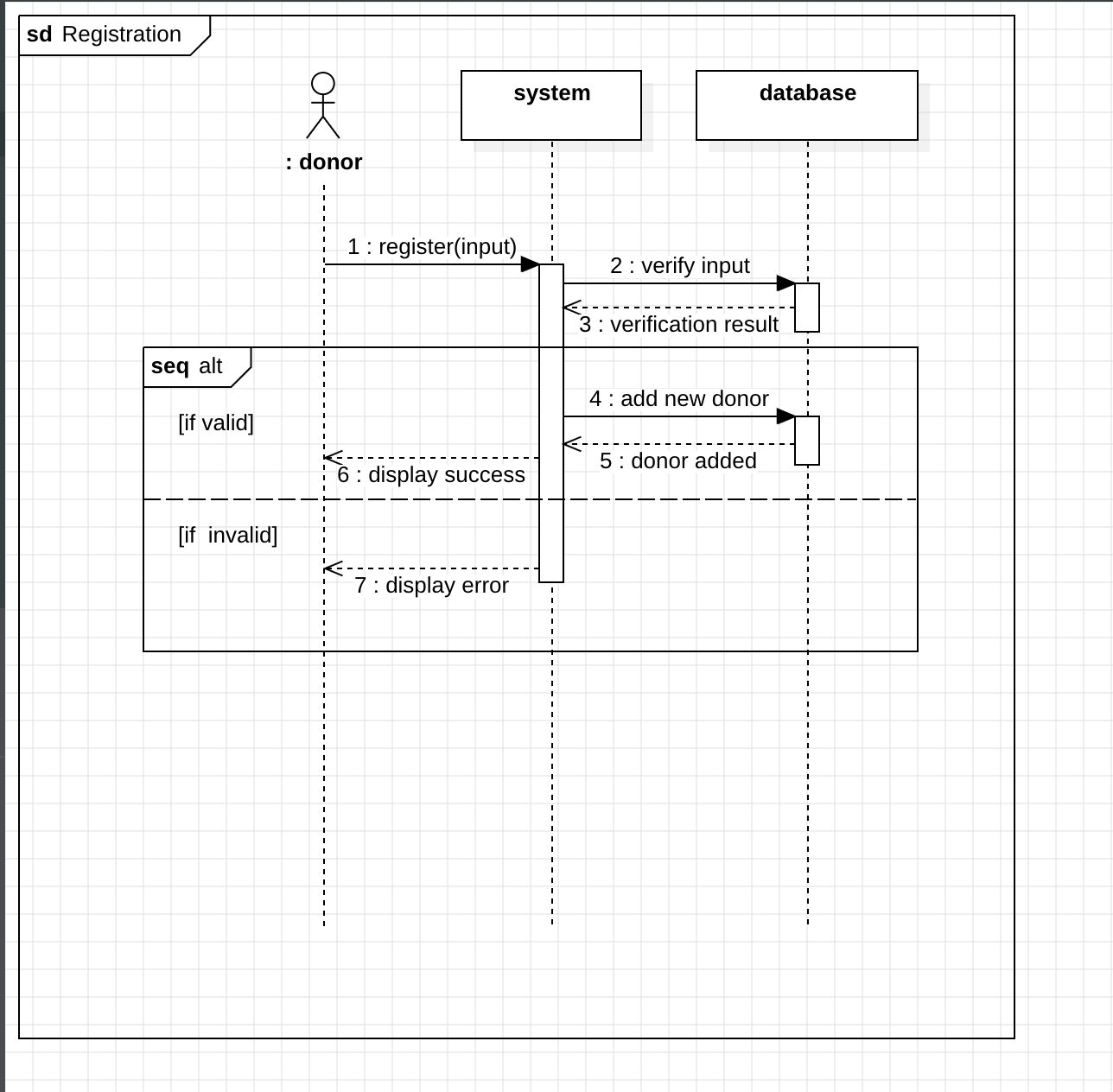
Description automatically generated

## Display Error

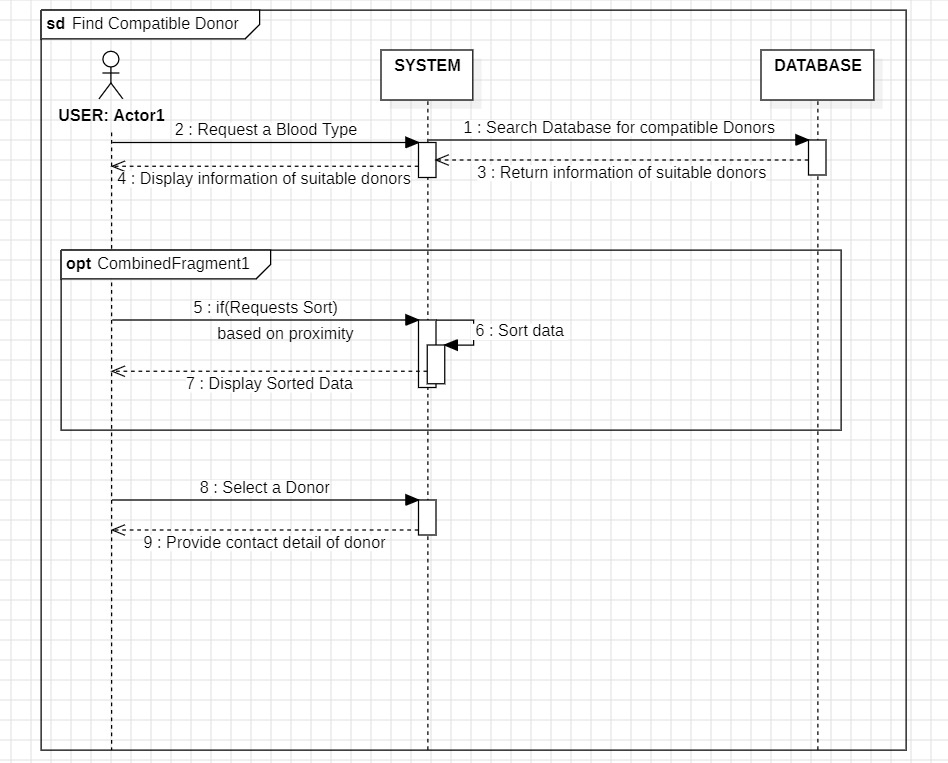
A diagram of a system

Description automatically generated

## Register



## Find Compatible Donor

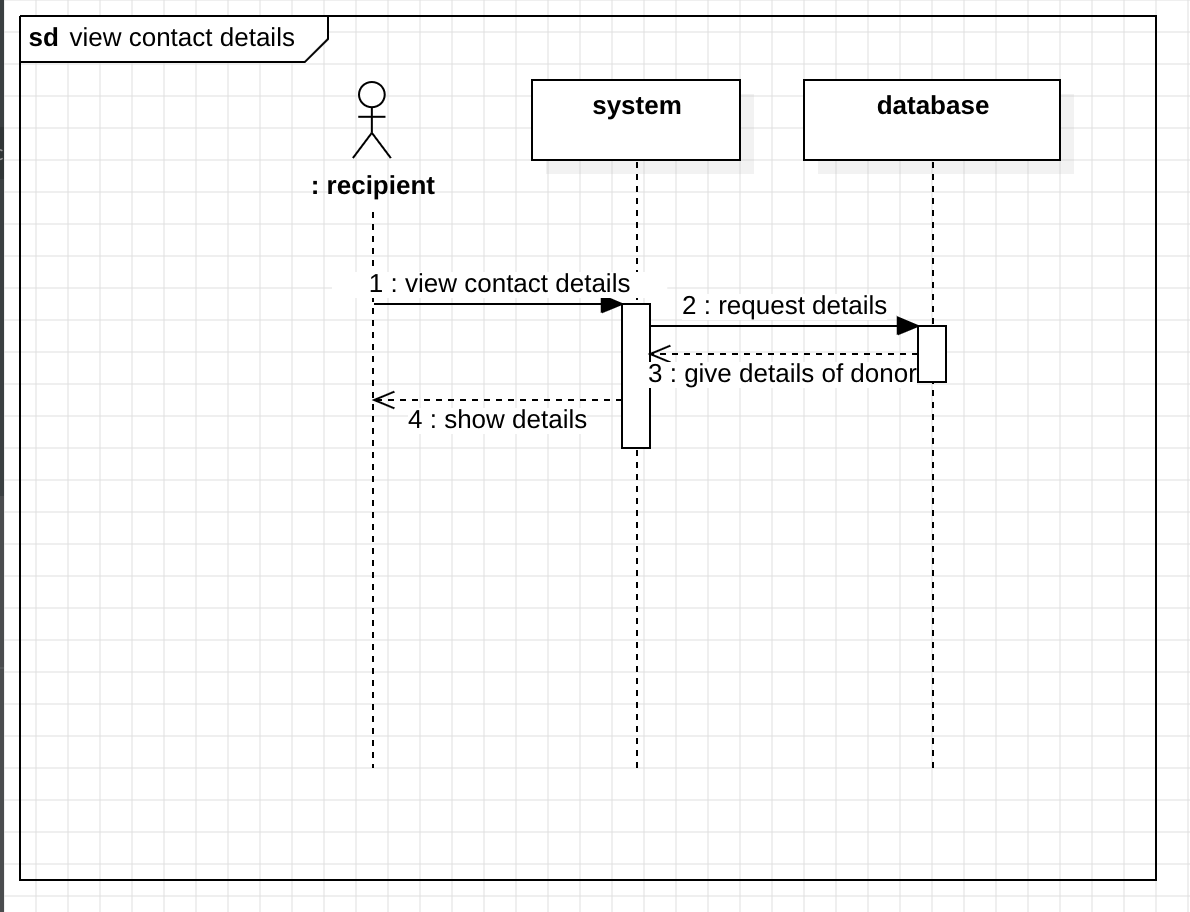


## Request Specific Blood type

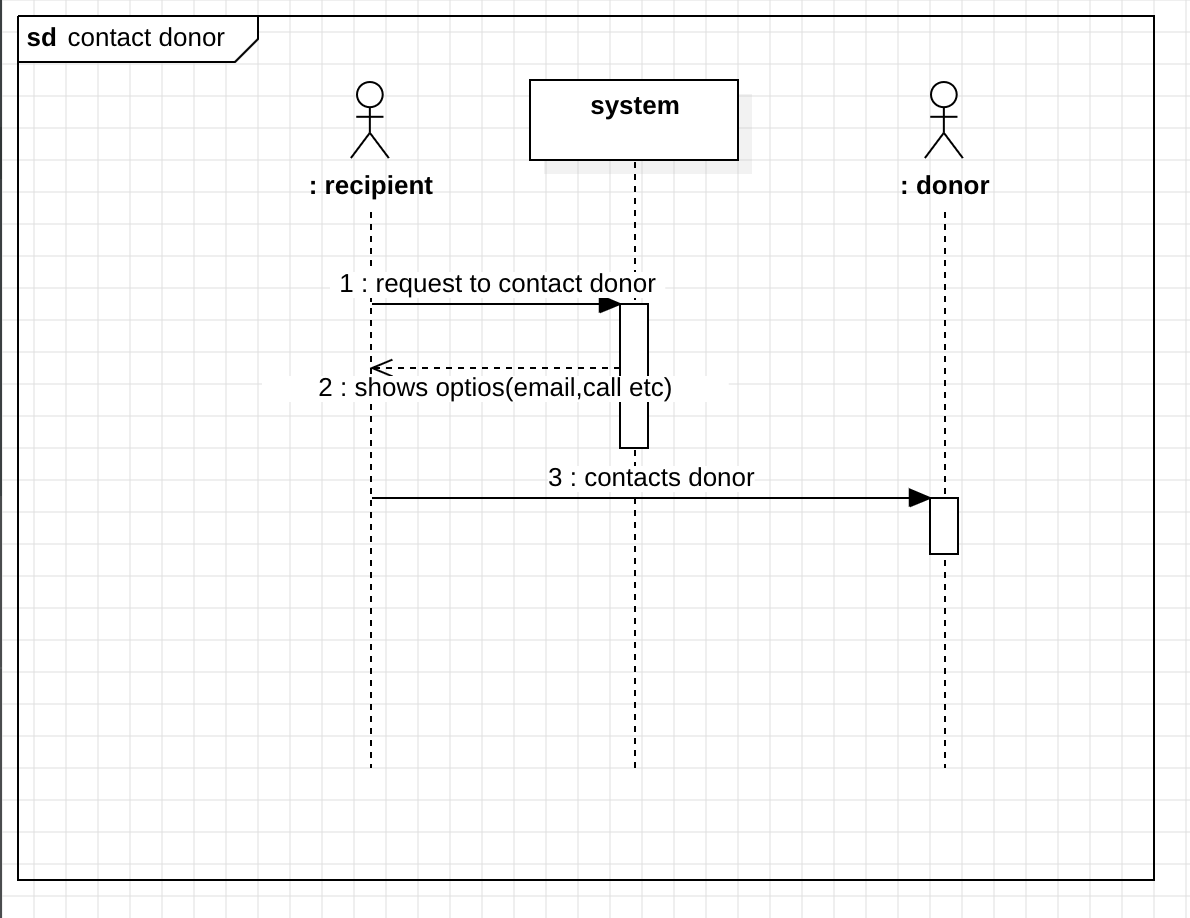
A diagram of a system

Description automatically generated

## View Contact Details of Donors



## Contact Donor

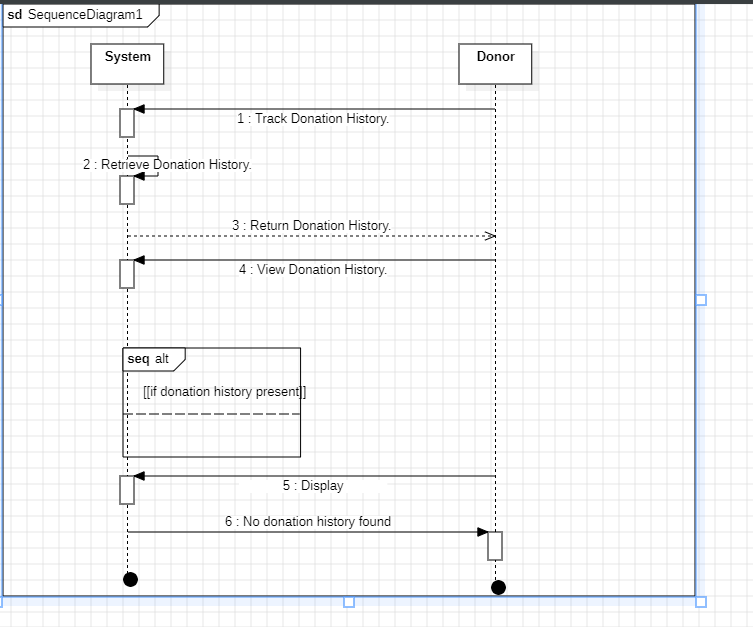


## Make Important Announcements

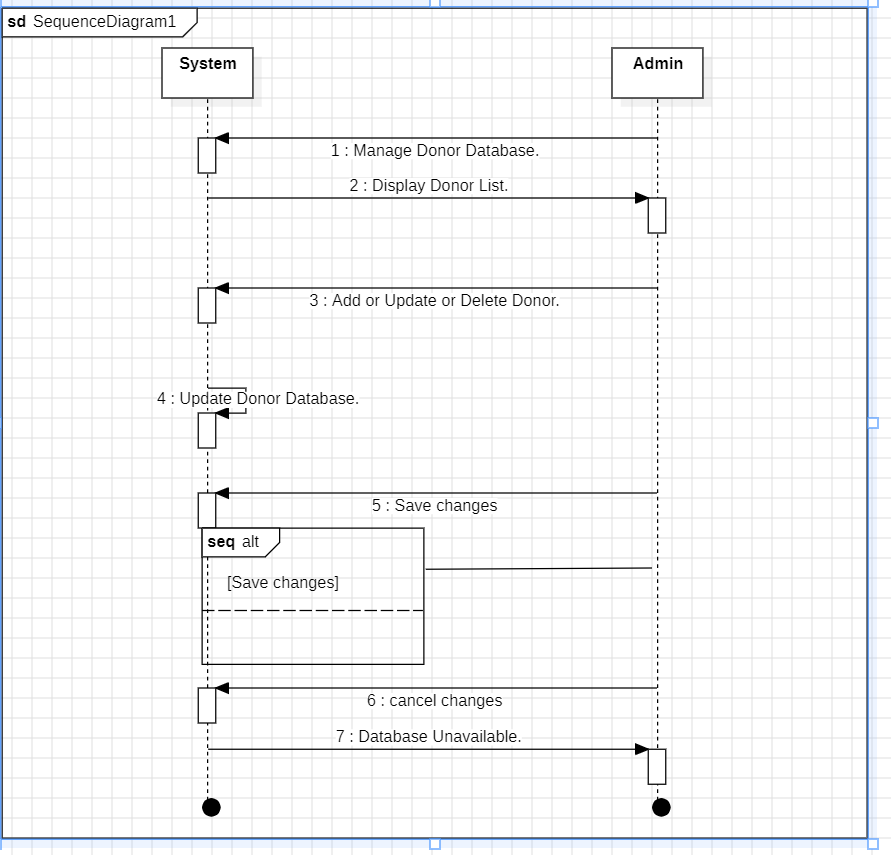
A screen shot of a computer screen

Description automatically generated

### Track Donation History



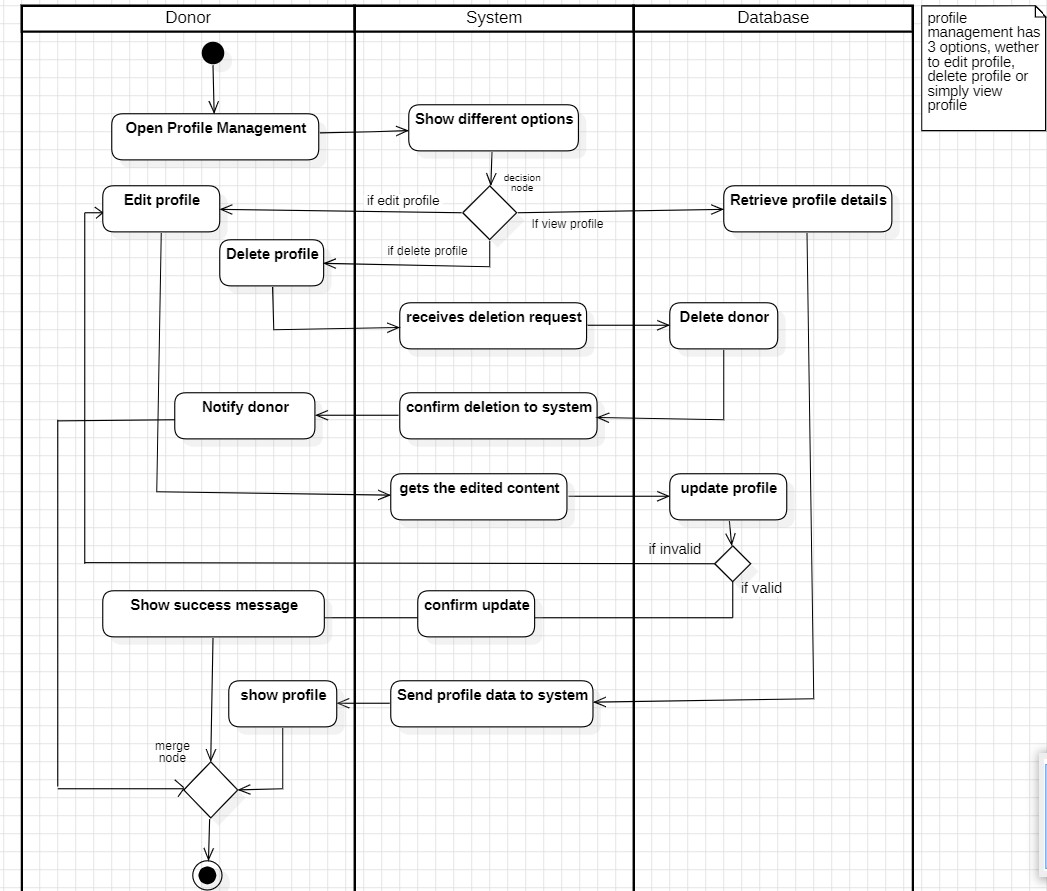
### Manage Donor Database



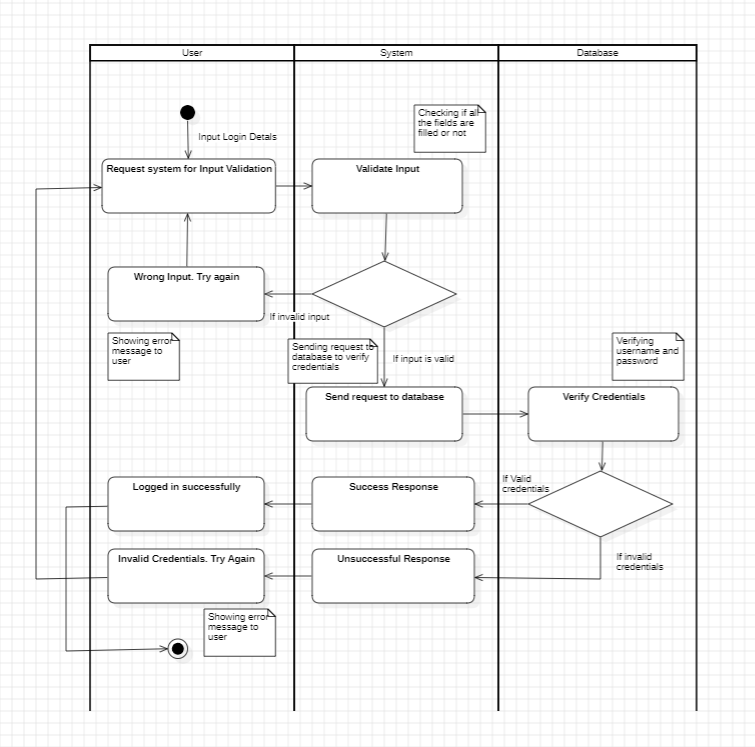
### Manage Blood Inventory

# **Activity Diagram**

## Profile Management



## Login



## Verify Password

A diagram with text and symbols

Description automatically generated with medium confidence

## Display Error

A diagram of a system

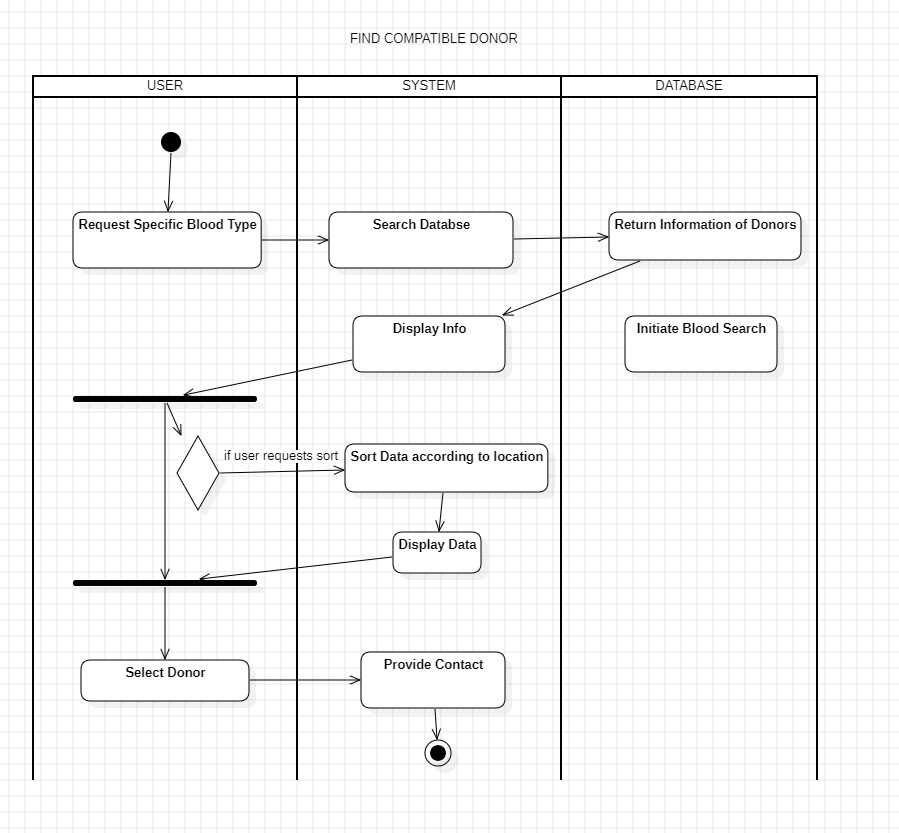
Description automatically generated

## Register

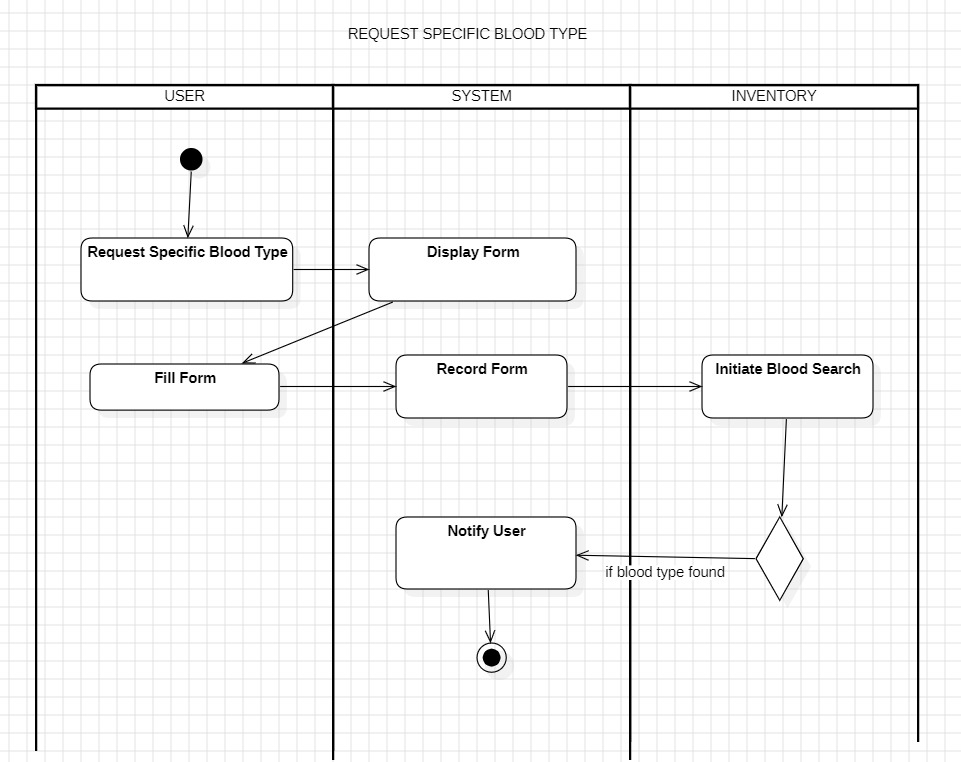
A diagram of a website

Description automatically generated

## Find Compatible Donor



## Request Specific Blood type



## View Contact Details of Donors

A diagram of a system

Description automatically generated

## Contact Donor

A diagram of a system

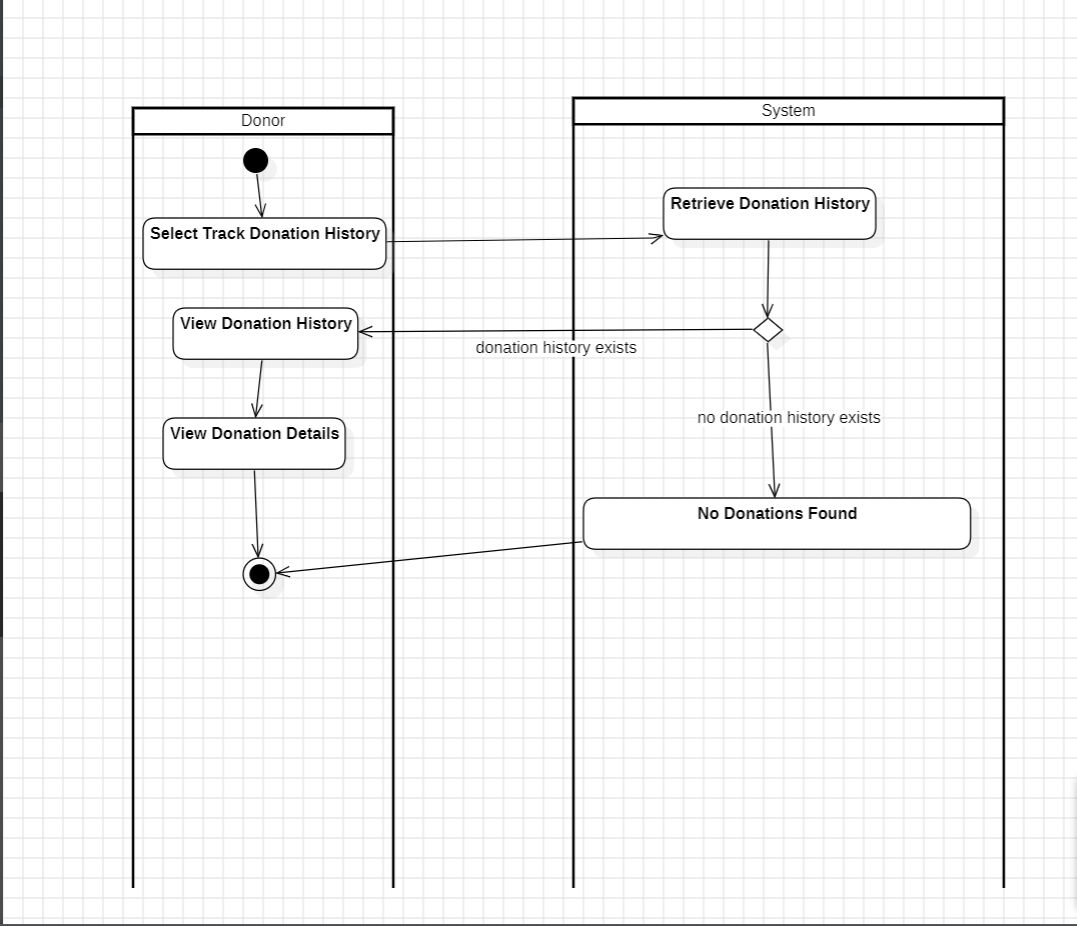
Description automatically generated

## Make Important Announcements

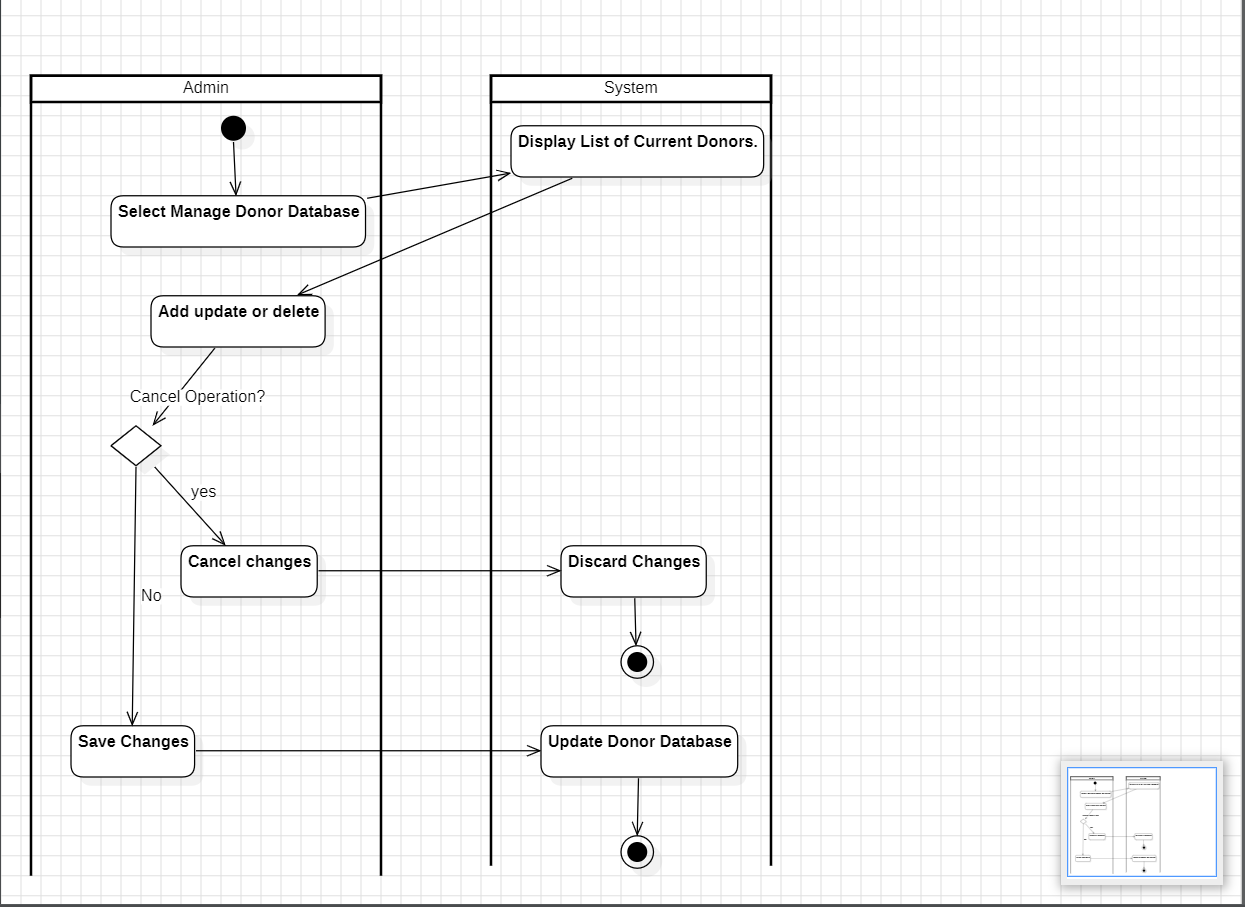
A diagram of a system

Description automatically generated

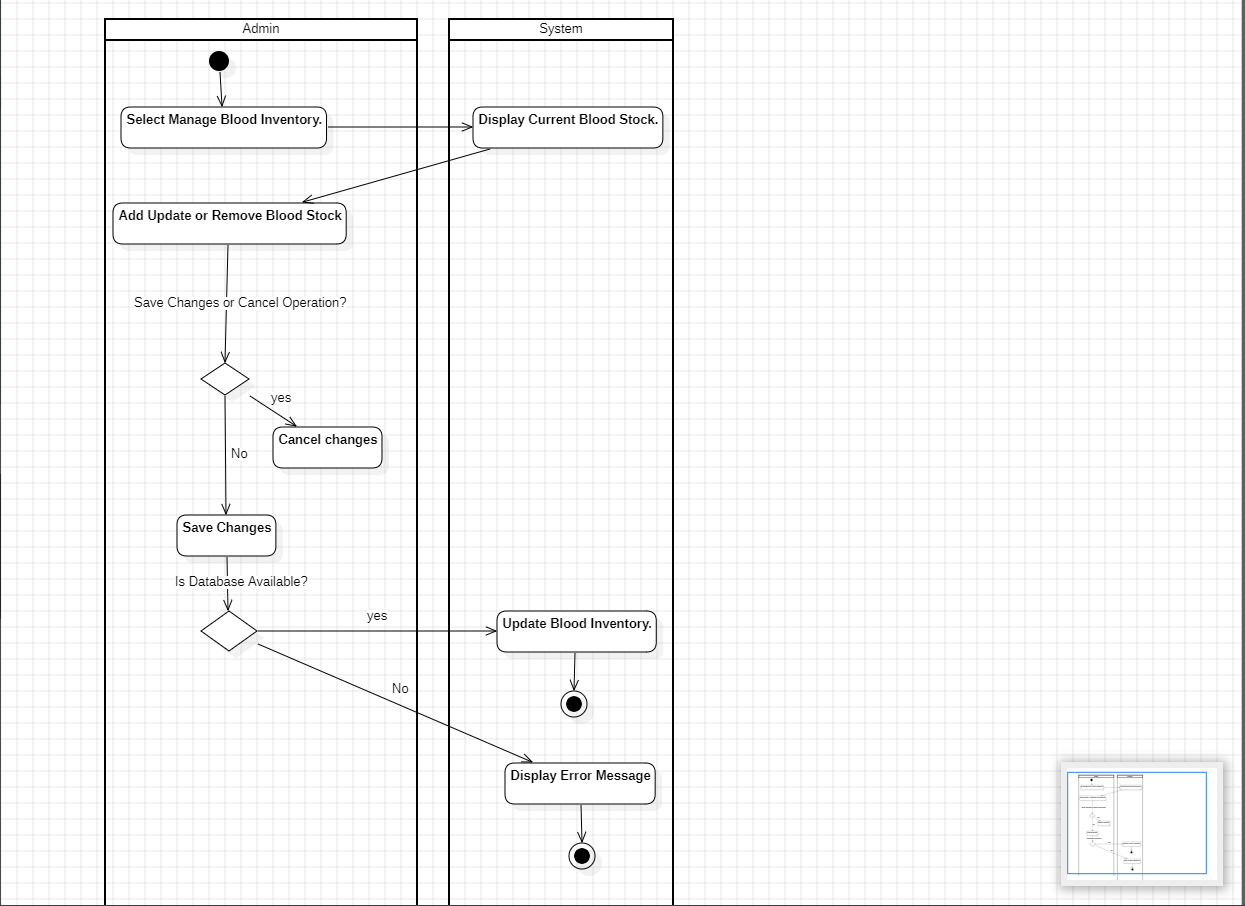
### Track Donation History



### Manage Donor Database



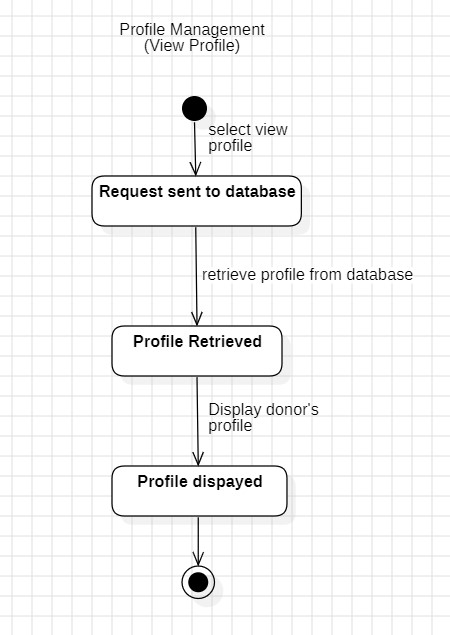
### Manage Blood Inventory



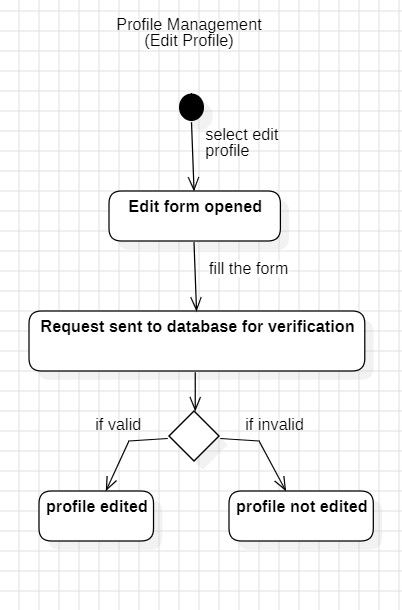
# **State Diagram**

## Profile Management

### View Profile



### Edit Profile

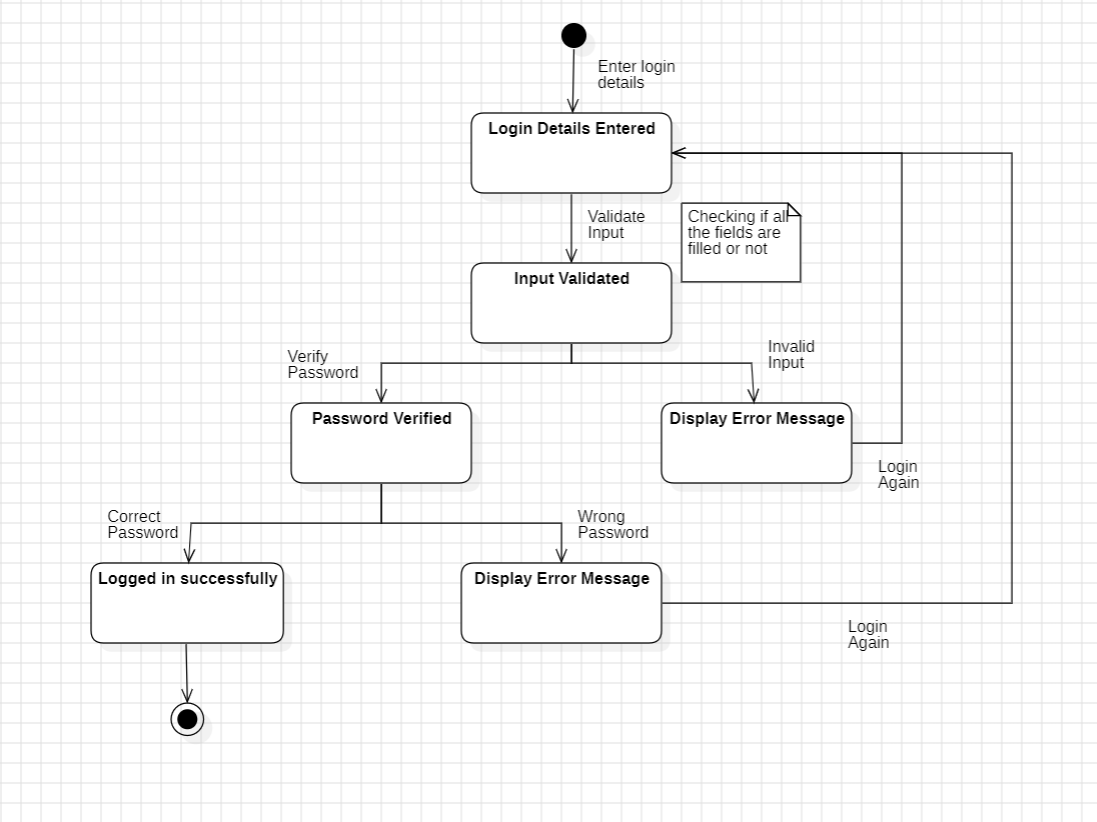


### Delete Profile

A diagram of a profile

Description automatically generated

## Login/verify Password/Display error



## Register

A diagram of a document

Description automatically generated

## Find Compatible Donor

A diagram of a flowchart

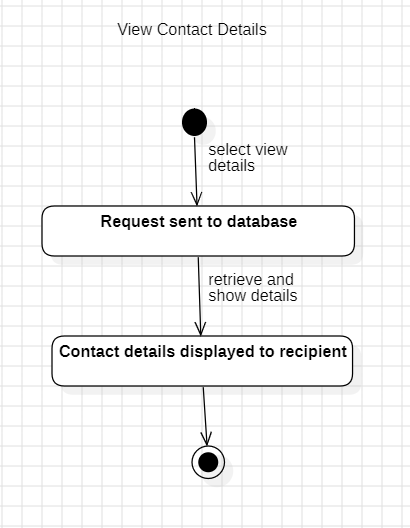
Description automatically generated

## Request Specific Blood type

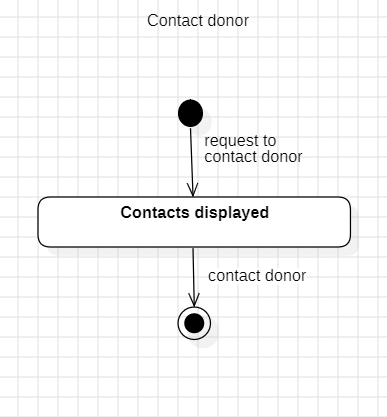
A diagram of a blood type

Description automatically generated

## View Contact Details of Donors



## Contact Donor



## Make Important Announcements

A diagram of a form

Description automatically generated