

# Phase 6: Interface Design

## 6.1 Forms and Pages Developed

- **Login Form:** Secure login interface validating credentials of donors, staff, and admins.
- **Donor Form:** Captures detailed donor information such as name, age, blood group, and donation history.

The screenshot displays a Salesforce interface for creating a new blood donor record. The main window is titled 'New Blood Donor | Salesforce' and shows a 'Donor ID' form. The form includes the following fields:

- \* Donor Name (text input)
- \* Blood Type (dropdown menu, currently set to '--None--')
- \* Phone Number (text input)
- \* Email (text input)
- Date of Birth (calendar icon)
- Last Donation Date (calendar icon)
- \* Donor Status (dropdown menu, currently set to 'Active')
- Address (text input)

The form is set against a background of a Salesforce dashboard. The dashboard includes a 'Blood Donors' section with a 'Recently Viewed' list showing one item: '1 item • Updated a few seconds ago'. The browser address bar shows the URL: 'orgfarm-1dad82a5f1-dev-ed.develop.lightning.force.com/lightning/o/Blood\_Donor\_\_c/new?count=1&nooverride=1&useRecordTypeCheck=1&navi...'. The Windows taskbar at the bottom shows the date and time as '27-09-2025' and '01:09'.

- **Staff Form:** Facilitates management of employee records including roles and contact information.
- **Patient Information Form:** Records patient details relevant to blood needs and transfusions.
- **Collection Camp Form:** Manages details about blood donation camps.
- **Billing Form:** Handles billing information and cash collection related to donations and transactions.
- **Blood Donation Form:** Tracks donor blood donations including date, quantity, and blood type.

- **Dashboard and Reporting Views:** Summarized data on blood stock, donor statistics, and collection camp reports.

**New Blood Inventory | Salesforce** | Phase 6 — User Interface Development

orgfarm-1dad82a5f1-dev-ed.develop.lightning.force.com/lightning/o/Blood\_Inventory\_\_c/new?count=5&nooverride=1&useRecordTypeCheck=1&...

**Section**

\* Blood Type: --None--

\* Units Available:

Last Updated

\* Date: 9/26/2025

\* Time: 12:41 PM

**Information**

Inventory ID:

Owner: Jyotsna Sakinala

\* Blood Type: --None--

\* Units Available:

Location:

Last Updated

\* Date:

\* Time:

Cancel Save & New Save

Recent Items Flow

Type here to search

22°C 01:11 27-09-2025

**New Blood Request | Salesforce** | Phase 6 — User Interface Development

orgfarm-1dad82a5f1-dev-ed.develop.lightning.force.com/lightning/o/Blood\_Request\_\_c/new?count=6&nooverride=1&useRecordTypeCheck=1&n...

**Section**

\* Priority: Medium

\* Units Required:

\* Blood Type Required: --None--

\* Request Status: Open

**Information**

Request ID:

Owner: Jyotsna Sakinala

\* Hospital Name:

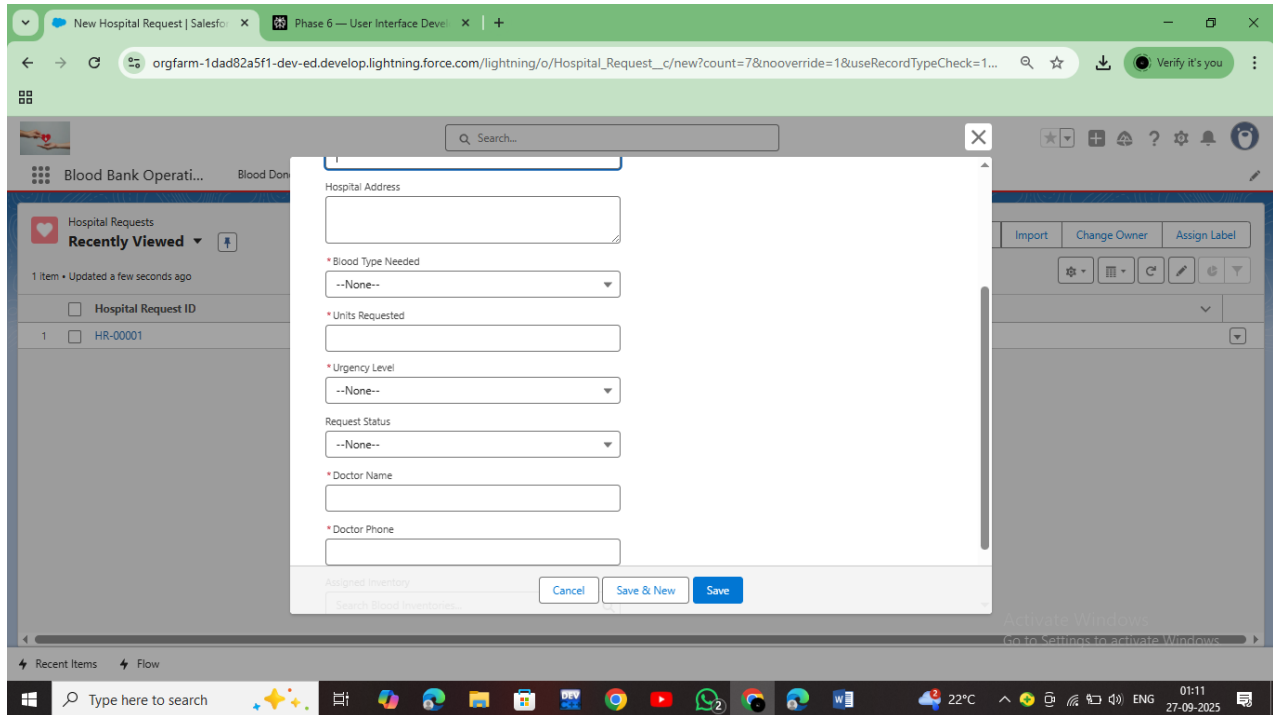
\* Blood Type Required: --None--

Cancel Save & New Save

Recent Items Flow

Type here to search

22°C 01:11 27-09-2025



## 6.2 Key Implementations

- Developed using **Salesforce Lightning Web Components (LWC)** and standard Lightning pages.
- Included **validation rules** and error handling for improved data quality.
- Designed **workflows and navigation** optimized for usability and fast data entry.
- Integrated **reports and dashboards** to visualize critical blood donation metrics at a glance.

