**Donate To Heal**

1. **User & Role Management**

**Responsibilities:**

* User registration & login (Patients, Donors, Admins, Verifiers, Hospitals)
* Role based access control using JWT
* CRUD for all user profiles
* Password reset / email verification
* Language switcher (Sinhala, Tamil, English)
* Session & privacy settings
* Block/report user feature (Admin)

**Bonus Features:**

* Email verification with OTP
* “Anonymous Donor” toggle

1. **Patient Case & Request Management**

**Responsibilities:**

* Create/edit/delete patient cases with prescription uploads
* Request Statuses: Pending, Verified, Fulfilled, Cancelled
* Doctor/hospital validation workflow
* Priority Scoring System (AI Rule-based location + illness severity)
* Geo-tagged requests (optional, via area field)

**Bonus Features:**

* Auto-expire requests after X days
* Flag duplicate entries or fraud alerts

1. **Donation & Transaction Management**

**Responsibilities:**

* Donation methods: Medicine
* CRUD donation pledges & tracking
* Offline donation codes (QR or numeric)
* Donation history & impact tracker
* Transaction verification with hospitals

**Bonus Features:**

* “Urgent Needs” filter
* “Recurring donor” recognition badges

1. **Verification & Approval Management**

**Responsibilities:**

* Patient verification workflows by hospital/verifier
* CRUD of verifications and medical reviews
* Verifier login portal
* Approval audit trail with timestamps
* Bulk verification import (CSV option for admin)

**Bonus Features:**

* Notifications to verifiers on new requests
* “Flagged patient” system for suspicious cases

1. **Notification, Analytics & Admin Management**

**Responsibilities:**

* Event-based notifications (new case, urgent need, fulfilled donation)
* Multichannel alerts: Email/SMS (mock via Twilio/SendGrid)
* Admin panel to view stats, reports, flagged users
* CRUD on donation drives/events
* Dashboard: charts for total donations, fulfilled % by region, active donors

**Bonus Features:**

* “Top donor” leaderboard
* “Impact visuals” (bar/pie charts with D3.js or Chart.js)

**Unique Features**

**Real-Time Case Matching System**

* When a donor views a patient request, suggest:

“You’ve supported similar causes before” or “Nearby patient needs similar meds”

Match by:

* Previous donation history
* Medicine category
* Region proximity

**Urgency Mode with Countdown Timer**

* On patient cases marked as "CRITICAL", show a countdown (e.g., 3 days left to act)

Visually drives action, emotionally powerful.

**Gamified Donor Badges**

* Add **donor achievement levels**:
* First-time Donor
* Consistent Helper
* Top Contributor
* Display on profile or leaderboard

Adds emotional + visual hook, encourages donations

**Community Impact Map**

Show a **live heatmap** of:

Visually powerful + helpful for storytelling in demo