

Feed the Need - Backend API Endpoints

Authentication & User Management

Endpoint	Description
POST /api/auth/register	Register user (donor, recipient, organization)
POST /api/auth/login	Login, return JWT
GET /api/auth/profile	Get logged-in user profile (JWT required)
PUT /api/auth/profile	Update user profile (preferences, location, etc.)

Donations

Endpoint	Description
POST /api/donations	Create donation listing (donor only)
GET /api/donations	List all active donations (filter: category, condition, location, date)
GET /api/donations/:id	View donation details
PUT /api/donations/:id	Update donation details (donor only)
DELETE /api/donations/:id	Delete donation (donor only)

Requests & Coordination

Endpoint	Description
POST /api/requests/:donationId	Create request (recipient → donor)
GET /api/requests	View all requests (donor sees for their donations, recipient sees their own)
PUT /api/requests/:id/approve	Donor approves request
PUT /api/requests/:id/decline	Donor declines request
PUT /api/requests/:id/complete	Mark as completed (both confirm)

Dashboards

Endpoint	Description
GET /api/dashboard/donor	Donor dashboard: listings, requests, history, impact stats
GET /api/dashboard/recipient	Recipient dashboard: active requests, received items, wishlist
GET /api/dashboard/organization	Organization dashboard: bulk requests, team coordination, reports

Utility

Endpoint	Description
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POST /api/upload	Upload item photos (Multer/Cloudinary)
GET /api/categories	Fetch donation categories (food, clothes, books, etc.)
GET /api/stats	System-wide stats (impact report, optional)