API Endpoint Documentation

Here is a complete list of all API endpoints defined in your Django project, consolidated from all urls.py files.

Authentication & User Management

These endpoints handle user registration and token-based authentication. The frontend will need to store and use the returned tokens for authenticated requests.

Method	Endpoint	Description
POST	/api-token-auth/	**Legacy Token Auth.** Given a username and password, returns an API token.
POST	/api/register/	**User Registration.** Creates a new user account. Expects user details in the request body.
POST	/api/token/	**JWT Token Auth.** Given a username and password, returns a new JWT access and refresh token pair.
POST	/api/token/refresh/	**JWT Token Refresh.** Given a valid refresh token, returns a new access token.
GET	/api/user/	**Get User Details.** Retrieves the details for the currently authenticated user. Requires a valid token.
PUT	/api/user/	**Update User Details.** Updates the details for the currently authenticated user. Requires a valid token.

Food Redistribution API (/api/...)

This is the core of your application, managing donations, requests, and claims.

Food Donations

Method	Endpoint	Description
GET	/api/donations/	Lists all food donations.
POST	/api/donations/	Creates a new food donation.
GET	/api/donations/{id}/	Retrieves a specific food donation by its ID.
PUT/PATCH	/api/donations/{id}/	Updates a specific food donation.
DELETE	/api/donations/{id}/	Deletes a specific food donation.
GET	/api/donations/available/	Lists all currently available (unclaimed) donations.

Food Requests

Method	Endpoint	Description
GET	/api/requests/	Lists all food requests.
POST	/api/requests/	Creates a new food request.
GET	/api/requests/{id}/	Retrieves a specific food request by its ID.
PUT/PATCH	/api/requests/{id}/	Updates a specific food request.
DELETE	/api/requests/{id}/	Deletes a specific food request.
GET	/api/requests/{request_id}/matches/	Finds and lists potential donation matches for a specific food request.

Claims & Feedback

Method	Endpoint	Description
POST	/api/donations/{donation_id}/c	Allows a user to claim a

	laim/	specific food donation.
GET	/api/claims/	Lists all claims.
GET	/api/claims/{id}/	Retrieves a specific claim by its ID.
POST	/api/feedback/	Submits new feedback.
GET	/api/feedback/	Lists all feedback.

General Resources

Method	Endpoint	Description
GET	/api/categories/	Lists all food categories.
GET	/api/locations/	Lists all locations.

Demand Forecasting API (/api/demand/...)

These endpoints handle demand forecasting and data submission.

Method	Endpoint	Description
GET	/api/demand/forecast/	Retrieves the demand forecast data.
POST	/api/demand/submit/	Submits new demand data from a user or organization.

Administrative & Tasks

Method	Endpoint	Description
GET/POST	/api/trigger-reminder/	A utility endpoint to trigger reminder tasks manually.
All	/admin/	The standard Django administration interface.