Phase C: Threaded Social Ecosystem - User Flows

Project: Nonnas of the World | **Date:** January 8, 2026

FLOW 1: Discussion Hub Access

Globe View (/) → User clicks continent → 2D Map opens → NonnaModal shows [Recipes] and [Community] tabs → User clicks [Community] → Discussion Hub displays (thread list, category filters, sort options) → User clicks thread → Thread View opens (post content, nested replies, [Reply] and [Like] buttons if logged in)

FLOW 2: Creating a Thread

Discussion Hub → User clicks [+ Start Discussion] → IF not logged in: redirect to /handler/sign-in → IF logged in: Create Thread Form opens (title, category, content, [Post] button) → User submits → API: POST /api/threads → Redirect to Thread View

FLOW 3: Replying to Posts

Thread View → User clicks [Reply] → IF not logged in: show "Sign in to reply" prompt → IF logged in: reply editor opens inline → User writes reply and clicks [Submit] → API: POST /api/posts (with thread_id, parent_post_id, user_id, depth) → Reply appears nested under parent

FLOW 4: Direct Messaging

Option A: NonnaModal → Recipe card shows [💬 Message] button → User clicks → IF not logged in: redirect to /handler/sign-in → IF logged in: redirect to /messages?recipient=[user_id]

Option B: Profile page (/profile/[id]) → [Send Message] button → Same auth flow as Option A

FLOW 5: Messaging Interface

/messages page (auth required) → Left sidebar: conversation list with avatars, names, previews, unread badges → Right panel: selected conversation with message history and input box → User clicks conversation → API: GET /api/messages?conversation_id=[id] → Messages display → User types and clicks [Send] → API: POST /api/messages → Message appears immediately

FLOW 6: Liking Content

Thread View → User sees [❤ Like] button with count → User clicks → IF not logged in: show tooltip "Sign in to like" → IF logged in: API: POST /api/likes → IF already liked: remove like → IF not liked: add like → Button updates (color change, count increment)

FLOW 7: Recipe Discussion Integration

Home page (/) → Virtual Flipbook → User viewing recipe → [💬 Discuss Recipe] button appears → User clicks → Discussion Modal opens (shows threads tagged with recipe_id, [Start Discussion] button) → User clicks thread: opens Thread View OR clicks [Start Discussion]: Create Thread with auto-filled category="Recipes" and recipe_id link

FLOW 8: Enhanced Map Integration

2D Map View → NonnaModal with 3 tabs:

TAB 1 [Recipes]: List of recipes, [View Recipe] buttons (existing)

TAB 2 [Community]: Thread list for region, category filters, [+ Start Discussion] button, sorting (Top/Newest/Relevant)

TAB 3 [Connect]: User cards showing avatars, names, recipe counts, [View Profile] and [Message] buttons

FLOW 9: User Profile

Header → User clicks avatar → Dropdown: "My Profile", "My Discussions", "My Messages", "Settings", "Logout" → User clicks "My Profile" → /profile/[user_id] shows: About section (name, location, cultural background, [Edit Profile] if own), Recipes Contributed (grid of cards), Community Activity (discussions, replies, likes), Privacy Settings (messaging preferences, block list)

FLOW 10: Admin Moderation

Admin Dashboard (/dashboard) → New sidebar item: [Community] → Opens with 4 tabs:

TAB 1 [Flagged Content]: Reported posts with [Approve], [Delete], [Warn User], [Ban User] buttons

TAB 2 [Recent Activity]: All threads/posts chronologically, quick delete button, filters

TAB 3 [User Management]: Most active users, stats, warning/ban controls

TAB 4 [Analytics]: Total threads/posts, engagement rate, active regions, popular categories, daily active users

New UI Elements

Location	Element	Action	Auth
NonnaModal	[Community] tab	Opens Discussion Hub	No
NonnaModal	[Connect] tab	Shows user directory	No

Recipe Card	[💬 Message] button	/messages?recipient=X	Yes
Flipbook	[💬 Discuss Recipe]	Discussion modal	No (read)
Thread Posts	[Reply] button	Reply editor inline	Yes
Thread Posts	[❤ Like] button	Toggle like	Yes
Header	💬 Messages	/messages	Yes
Profile	[Send Message]	/messages?recipient=X	Yes
Discussion Hub	[+ Start Discussion]	/community/create	Yes

New Routes

Route	Access	Purpose
/community/[region]	Public	Discussion hub (read-only)
/community/create	Auth Required	Create thread form
/community/thread/[id]	Public	Thread view
/messages	Auth Required	Messaging inbox
/messages/[conversationId]	Auth Required	Conversation view
/profile/[id]	Public	User profile
/settings	Auth Required	Privacy settings

API Endpoints

Endpoint	Method	Auth	Purpose
/api/threads	GET	No	Fetch threads
/api/threads	POST	Yes	Create thread
/api/threads/[id]	GET	No	Fetch thread
/api/posts	POST	Yes	Create reply
/api/posts/[id]	PATCH	Yes (owner)	Edit post
/api/posts/[id]	DELETE	Yes (owner)	Delete post
/api/likes	POST	Yes	Toggle like
/api/messages	GET	Yes	Fetch conversations
/api/messages	POST	Yes	Send message
/api/favorites	POST	Yes	Toggle favorite
/api/report	POST	Yes	Report content