

■ Growing Together — Master Build Pack (Plain English + Detailed Spec)

This is the definitive build pack for the Growing Together app. It combines plain-English explanations with developer-ready details so that the build in Cursor can follow step by step.

1. What this app is

Growing Together is a friendly, simple app for the Stafford Road Allotment community. It helps everyone know what's happening, what's growing, what to do, and what's new. The app works offline — anything you add saves on your phone first and syncs when signal returns.

2. Who can use it

Admins: Create events, announcements, site tasks, approve members, moderate posts, export data.

Members: Add diary entries, personal tasks, RSVP, comment, post photos, use plant guides.

Guests: Read-only view of announcements/events.

3. Main Features

■ Home: Weather, weekly tasks, next event, latest posts, quick action buttons. Admin announcements appear as a banner at the top.

■ Plot Diary: Timeline per plot, templates for quick adds (Sowing, Watering, Harvest, Maintenance), filters, and ability to edit/delete entries.

■ Plant Care: Library of plants with care info, 'Ask AI' for advice using photo + note, option to turn AI suggestions into tasks.

■ Events: List + calendar view, event detail (title, time, location, bring list, cover photo), RSVP options, and comments.

■ Community Feed: Posts with photos/text, comments, reactions. Admin can pin/unpin posts and show announcements.

■ Tasks: Personal and site tasks, weekly board on Home, tasks can be marked done with photo proof.

■ Gallery: Albums of photos, bulk uploads with auto-resize.

■ Notifications: Local reminders for events and weekly tasks. User chooses channels.

■ Settings & Admin: Profile, accessibility, notifications. Admin can approve members, regenerate join code, export data, and moderate.

4. How things flow (Workflows)

Diary Entry: Tap +Diary → choose template → add text/photos → save (works offline).

Event (Admin): Tap +Event → fill details + bring list → publish → members RSVP.

Plant Advice: Plant Library → choose plant → Ask AI → photo + note → AI response → save as tasks.

5. Offline-first

All data saves locally first in SQLite. When internet returns, data syncs. Conflicts use 'last edit wins' but admins can review changes.

6. Wireframe (App Structure)

Tabs: Home | Diary | Events | Community | Gallery | More

Home
Weather
Weekly Tasks
Next Event
Latest Posts
Quick Actions

```

Diary
  List view + filters
  +Entry with templates
Events
  List + Calendar
  Event Detail with RSVP + comments
Community
  Feed with posts, comments, reactions
  Admin: Pin/Unpin, Announcements
Gallery
  Albums → Photos (bulk upload, resized)
More
  Tasks (My | Site)
  Plant Library (Ask AI)
  Settings (Profile, Accessibility, Notifications)
  Admin (Members, Join Code, Export)

```

7. Development Order (Step by Step)

- 1) Start Project → Scaffold Expo Router + TS app with linting.
- 2) Add Branding → Exact logo files into assets/, wire app.json, add Logo.tsx.
- 3) Design System → Build buttons, cards, forms, tokens for colours, fonts.
- 4) Navigation → Add bottom tabs and stack screens.
- 5) Auth & Onboarding → Supabase Auth + join code.
- 6) Offline Sync → Local SQLite + background sync.
- 7) Diary → Templates, filters, detail page.
- 8) Plant Library + AI → Guides + Ask AI stub.
- 9) Events → List + calendar, RSVP, bring list.
- 10) Community → Posts, comments, pin/unpin, announcements.
- 11) Tasks → Personal + site, weekly summary, photo proof.
- 12) Gallery → Albums, bulk uploads, resize.
- 13) Notifications → Local reminders.
- 14) Settings & Admin → Profile, accessibility, members, export.
- 15) QA → Offline sync test, accessibility, photo compression, performance.

8. Branding Pack

Icons: 64, 128, 256, 512, 1024 (square).

Logos: 400x100, 800x200, 1600x400 (horizontal).

Always use the exact supplied logo — no redraws.

9. Developer Notes

- Keep app cheerful, simple, and garden-themed.
- Big buttons for all ages.
- Offline-first always.
- Photos compressed before upload.
- Keep flows simple (max 1–2 taps).
- Accessibility: clear labels, large text, AA contrast.