**✅ Core Features**

**1. Guest List & Profiles**

* Add guests with names, contact info, dietary preferences (e.g., vegetarian, allergies).
* Tag guests into groups (e.g., “Book Club”, “Family Reunion”).

**2. Meal & Recipe Log**

* Record what you served (individual dishes, full menus).
* Attach recipes, notes, and photos.
* Add prep tips or links to recipes.

**3. Dinner Events**

* Create an event (date, location, guest list).
* Link the meal/recipes you served.
* Add event notes (e.g., wine pairings, what worked well).

**4. “Don’t Repeat” Smart Suggestions**

* When you plan a new dinner, see what you’ve served to those guests before.
* Get reminders: “You served lasagna to this group last time.”

**5. Search & Filter**

* Search by guest name to see their full meal history.
* Search by dish to see who has already tried it.
* Filter by tags (e.g., “holiday dinners”).

**6. Optional Extras**

* Export menus for printing.
* Meal inspiration: suggest new recipes based on what you haven’t cooked for that group.
* Integration with your calendar or contacts.

**🧩 How It Might Look**

**Main Screens:**

1. **Dashboard:** Upcoming dinners, guest highlights.
2. **Guests:** List & profiles.
3. **Meals:** Your saved recipes & dish library.
4. **Events:** Past dinners & upcoming plans.

**💡 Technical Notes**

* Use a simple database (SQLite, Realm, Firebase) to store guests, meals, and event relationships.
* For recipe storage: consider using rich text or markdown for notes.
* Optional: add cloud sync so you don’t lose your dinner history.

**✅ 1) Detailed User Flow**

**🔹 Onboarding**

* User signs up (optional: email or just local app)
* Creates their first **Guest**
* Adds their first **Meal/Dish**
* Creates their first **Event** with guest(s) and dish(es)

**🔹 Main Screens**

**🏠 Home / Dashboard**

* Quick links: *Upcoming dinners*, *Recently served dishes*, *Guests you haven’t hosted in a while*
* Smart alert: “Don’t forget — you last served lasagna to Mark in March!”

**👥 Guests**

* List of guests
* Tap guest → view guest profile: dietary notes, meal history, favorite dishes

**🍽️ Meals / Recipes**

* Library of dishes
* Add recipe details: title, ingredients, steps, photo
* Tag dishes (e.g., “vegetarian”, “dessert”)

**📅 Events**

* Log a new dinner: event name, date, location, guest list
* Attach dishes served
* Notes: wine pairings, guest reactions
* Option to duplicate a previous event as a starting point

**🔎 Search**

* Search guest → see all their meals
* Search dish → see which guests ate it, when
* Filter: date ranges, tags

**✅ 2) Core Data Model (Entities)**

Here’s a simple relational-style structure:

**Entities**

**Guest**

* id
* name
* contact info
* dietary preferences / restrictions
* notes

**Dish**

* id
* title
* ingredients
* instructions
* photo(s)
* tags
* notes

**Event**

* id
* title
* date
* location
* notes

**EventGuest**

* event\_id
* guest\_id

(*join table for many-to-many*)

**EventDish**

* event\_id
* dish\_id

(*join table for many-to-many*)

**✅ 3) Feature Spec (MVP)**

Here’s how you can scope the first version:

| **Feature** | **Must Have** | **Nice to Have** |
| --- | --- | --- |
| Add/edit guests | ✅ | Photo upload |
| Add/edit dishes | ✅ | Save recipes from web |
| Log events | ✅ | Attach photos |
| Guest meal history | ✅ | “Favorites” or thumbs-up for dishes |
| Repeat meal warning | ✅ | Suggest new dishes based on history |
| Search | ✅ | Filters by tags, notes |
| Backup | ✅ (manual) | Cloud sync & login |
| UX | Simple forms | Elegant UI with drag-and-drop dish planner |

**✅ 4) Suggested Tech Stack**

**📱 Platform**

* Mobile first (React Native, Flutter, or Swift/Kotlin native)
* Or Web app (React.js or Vue.js) if you prefer cross-device

**🗂️ Storage**

* Local DB (SQLite, Realm, or localStorage for web)
* Optional cloud backend: Firebase or Supabase

**📸 Media**

* Save recipe photos locally or to cloud storage

**🧠 Smart “Don’t Repeat”**

* Simple query: “Find dishes served to these guests in the past X months”
* Flag duplicates visually in the meal planner

**📱 Main Screens**

**1) Dashboard**

* Quick buttons: + Add Event | + Add Guest | + Add Dish
* Upcoming dinners list
* “Repeat Dish Alert” section — shows guests who’ve recently had similar meals.

**2) Guest List & Profile**

* Guest List: Search bar, list of guests.
* Guest Profile:
  + Name, notes, dietary restrictions.
  + Meal History timeline: shows past events + dishes.
  + Button: *Add Note / Edit Guest*

**3) Meals / Recipes**

* Dish Library: Grid or list view with dish names, thumbnails.
* Dish Details:
  + Title, ingredients, steps.
  + Tags.
  + Photo upload.
  + “Who’s had this?” → Opens list of guests/events.

**4) Events (Dinner Log)**

* Event List: Dates, titles.
* Event Details:
  + Guests.
  + Dishes served.
  + Notes.
  + “Edit Event”

**5) Add/Edit Forms**  
Simple forms:

* Add Guest
* Add Dish
* Add Event → Pick guests & dishes from lists.

**✅ 2) Example User Stories**

Here’s a practical starter set:

| **ID** | **As a...** | **I want to...** | **So that...** |
| --- | --- | --- | --- |
| US1 | Host | Add a new guest | I can track their preferences |
| US2 | Host | Record dietary restrictions | I don’t serve allergens |
| US3 | Host | Add a new dish with recipe | I can reuse it later |
| US4 | Host | Log a dinner event | I know who attended and what was served |
| US5 | Host | See a guest’s meal history | I don’t repeat the same dishes |
| US6 | Host | Get a warning if I repeat a dish | I can keep my menus fresh |
| US7 | Host | Search dishes by tag | I can plan meals easily |
| US8 | Host | Export a menu | I can share or print it |
| US9 | Host | Sync to cloud | I don’t lose my data |