Perfect 👍 I’ll merge everything you’ve mentioned (your original ideas + my suggestions + your new additions) into **one comprehensive and organized project plan**. This way you’ll have a **single reference document** when you start coding in Django.

**📖 Future Diary / Time Capsule App – Comprehensive Project Plan**

**🎯 Core Concept**

A **Future Diary** app that allows users to store letters, photos, audio, and memories for themselves or loved ones, which unlock only at specific times in the future. Works like a **time capsule**, with optional social features, legacy options, and creative unlock experiences.

**📝 Core Features**

**1. Letters & Messages**

* Write letters to yourself or others.
* Choose a **future unlock date** → message stays hidden until then.
* Option: **“Surprise me” unlock date** (randomly chosen by system, min 2 years, max 10 years).

**2. Media Support**

* Upload and attach:
  + Photos
  + Videos
  + Audio (voice letters)
  + PDFs (documents, certificates, etc.)
* Store achievements, milestones, or life events.

**3. Tagging & Categorization**

* Add tags: **funny, emotional, travel, achievement, family, etc.**
* Custom user-defined tags.
* Filter/search memories by tags.

**4. Timeline & Albums**

* View memories chronologically.
* Album view with **photo/video thumbnails.**
* Shared timelines: couples, friends, families.
* **Travel log feature**: memories tagged with a **location/country** → displayed on a **map** (travel diary).

**5. Random Flashbacks**

* On login, display a **random unlocked memory.**
* “I’m sad” button → show **happy or motivational memories.**

**6. Anniversaries**

* Anniversary reminders → old letters/photos unlock again on the **same date after 5/10+ years.**
* Example: “Your graduation letter, 10 years later.”

**7. Social / Sharing Features**

* Friend system (send/accept requests).
* Send letters/memories to connected users.
* Share via **email or SMS** to non-users.

**Joined Memories**:

* Couples, friends, or families can co-create a memory (e.g., wedding anniversary).
* Both/all participants can add letters, photos, or videos.
* Unlocks together on the chosen date → becomes a **shared time capsule.**
* Shared albums/timelines between groups.

**8. Notifications & Reminders**

* In-app notifications when memories unlock.
* **Email reminders** (important if app is deleted).
* SMS notifications (optional).

**9. Privacy & Security**

* Visibility options: **private, friends-only, or public.**
* Optional **encryption** of memories in the database.
* “Grave memories” → marked private forever, never shared.

**10. Posthumous Memories (Legacy Handover)**

* Users can assign **trusted contacts**.
* If the user passes away, scheduled letters get delivered to those contacts.
* Example: final goodbye letter, advice for children, etc.

**🌟 Advanced & Unique Features**

**1. Voice Letters**

* Record audio messages for yourself or loved ones.
* Stored securely in database or cloud.

**2. AR Flashbacks (Future Idea)**

* Overlay old photos in your **current location** (before vs. after).
* Compare **“then vs now”** memories.

**3. Memory Bundles**

* Export memories (letters + media) into a **PDF book**.
* Useful for archiving or gifting.

**4. Sentimental Analytics**

* Count how many memories are **happy, sad, funny, emotional.**
* Word cloud from diary letters.
* “Mood meter” showing which type of memories dominate.

**5. Gamification**

* Badges for:
  + Writing weekly/monthly letters.
  + Uploading media.
  + Consistent streaks.
* Encourages regular journaling.

**6. Daily Diary (New)**

* Users can write daily encrypted diary entries.
* Strong encryption ensures even developers cannot read diary entries.
* Diary entries can include:
  + Free-form text.
  + Favorite music (with optional uploaded MP3).
  + Favorite foods (text).
  + Favorite anime/TV shows (stored as text + optional links).

**📱 Technical Features**

* **Backend:** Django + SQL (PostgreSQL/MySQL/SQLite).
* **Frontend:** Responsive UI (Django templates / React optional).
* **Storage:** Django file storage (images, audio, PDFs, video).
* **Email & Notifications:** Django Email + Celery for scheduling.
* **Security:**
  + Optional encryption for messages.
  + Access control (private / friends / public).
* **API-ready:** Option to expose REST API (Django Rest Framework).

**📊 Example Use Cases**

1. **Send a letter to your future self** to open in 5 years.
2. **Leave a travel diary** with photos + locations to relive trips.
3. **Receive a voice message from your dad** 10 years later.
4. **Random surprise unlock**: system picks a memory for you.
5. **Sad day → click button → happy memory slideshow.**
6. **Legacy letters**: spouse or children receive final words after death.
7. **AR flashback:** visit childhood home, overlay old family photo.
8. **Anniversary unlock:** graduation letter reappears on its 10th anniversary.
9. **Joined memory:** A couple creates a shared capsule for their wedding anniversary with both contributing messages/photos → unlocks together.

✅ Now you have a **complete feature map**—nothing forgotten, everything structured.

👉 Do you want me to **turn this into a Django data model plan (ERD + models.py draft)** so you’ll know what tables and fields to create for these features?

**DearTomorrow**

**ToMyFutureMe**

**RememberMe**

Dear Future Me

Message4me

DearMe