

Feasability & Ethical Considerations

Pill Box Care Medication Management App

Feature	What it does	Feasibility	Ethical considerations	Priority
Alert modes	Three reminder styles — Strict, Gentle, Motivational — so users match tone to their routine.	High	Low concern. User-chosen tone; avoid guilt-framing in Motivational copy.	Must
Split view (caregiver/patient)	Dual perspective in one account — caregivers monitor while patients manage their own view.	Medium	Patient must explicitly grant access. Risk of surveillance if poorly designed — consent UI is critical.	Must
Medicine tracker	Core log of medications, doses, and timing with real-time taken/pending status.	High	Low concern. Accuracy matters — errors could mislead users; clear edit/undo is essential.	Must
Partial accessibility settings	Baseline options (larger text, contrast modes) covering the most common needs at launch.	High	Low concern. Partial coverage is a fair V1 tradeoff — communicate gaps honestly.	Must
Privacy permissions	User controls over who can see their health data — required for compliance and trust.	Medium	High concern. Health data is sensitive. Granular, revocable consent required. Default must be most restrictive.	Must
Journal	Daily note space for symptoms, feelings, and treatment observations.	High	Journal entries may reveal sensitive mental health content. Must be private by default; excluded from reports unless opted in.	Must
Weekly medicine mix	Weekly overview of all scheduled medications to spot overlaps or gaps at a glance.	High	Low concern. Informational display only. Avoid implying clinical validation.	Must
Medication adherence progress	Visual metric showing how consistently a user has taken their medications.	High	Gamification risk — low scores could cause shame. Frame progress as supportive, not punitive.	Must
Clinician doc report	Exportable PDF summarizing medication history and adherence for doctor visits.	Medium	High concern. Report may influence clinical decisions. Must include disclaimer that it is patient-generated data, not a verified medical record.	Must
Add pictures of medication	Users photograph pills to visually confirm they are taking the right medication.	Medium	Low concern. Photos stay user-owned. Avoid any image analysis that implies medical identification.	Should
Nearby pharmacy	Location-based lookup to find pharmacies close to the user for refills.	High	Low concern. Location used on-demand only; must not be stored or shared without explicit consent.	Should
Full accessibility settings	Expanded options — voice control, motor-friendly interactions, screen reader optimization.	Medium	High concern. Many medication app users have disabilities. Deferring has real equity implications — plan a clear roadmap.	Should

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Medication facts	In-app reference cards with key info about each drug — usage, side effects, storage.	Medium	Information must come from verified sources. Incomplete or outdated facts could mislead users. Source attribution required.	Should
Symptoms analytics	Aggregated charts from journal entries to surface symptom trends over time.	Medium	Must not be shared with third parties. Patterns could trigger anxiety; contextual framing helps.	Could
Predictive journey	AI-informed projections of a patient's treatment path based on adherence and health data.	Low	High concern. Predictions could cause anxiety or false reassurance. Must be framed as estimates, not clinical forecasts. Needs clinical review.	Won't
Scan your meds	Barcode/label scanner to auto-populate medication details.	Low	Misread barcodes could lead to incorrect entries — a patient safety risk. Needs mandatory confirmation step.	Won't
Medical advice	In-app clinical guidance on conditions or treatments.	Low	Critical concern. Unqualified medical advice is a direct patient safety risk and regulatory liability. Out of scope entirely.	Won't
Meds interaction check	Flags potentially dangerous combinations of medications.	Low	Critical concern. A missed interaction could cause serious harm. Cannot be offered without clinical validation and liability coverage.	Won't
Clinician guest view access	Lets a clinician log in with limited read-only access to a patient's data.	Low	High concern. Third-party access to patient health data requires explicit, revocable consent and strong audit trails.	Won't
Refill alert	Reminder when a prescription is running low based on dose count.	High	Low concern. Purely informational. Deferred due to lower priority, not ethical risk.	Won't
Adaptive reminders	Reminders that auto-adjust timing based on user behavior patterns like snooze habits.	Low	Algorithm-driven nudging raises autonomy questions — users should always be able to override or disable adaptive behavior.	Won't