



TRAVEL MATE

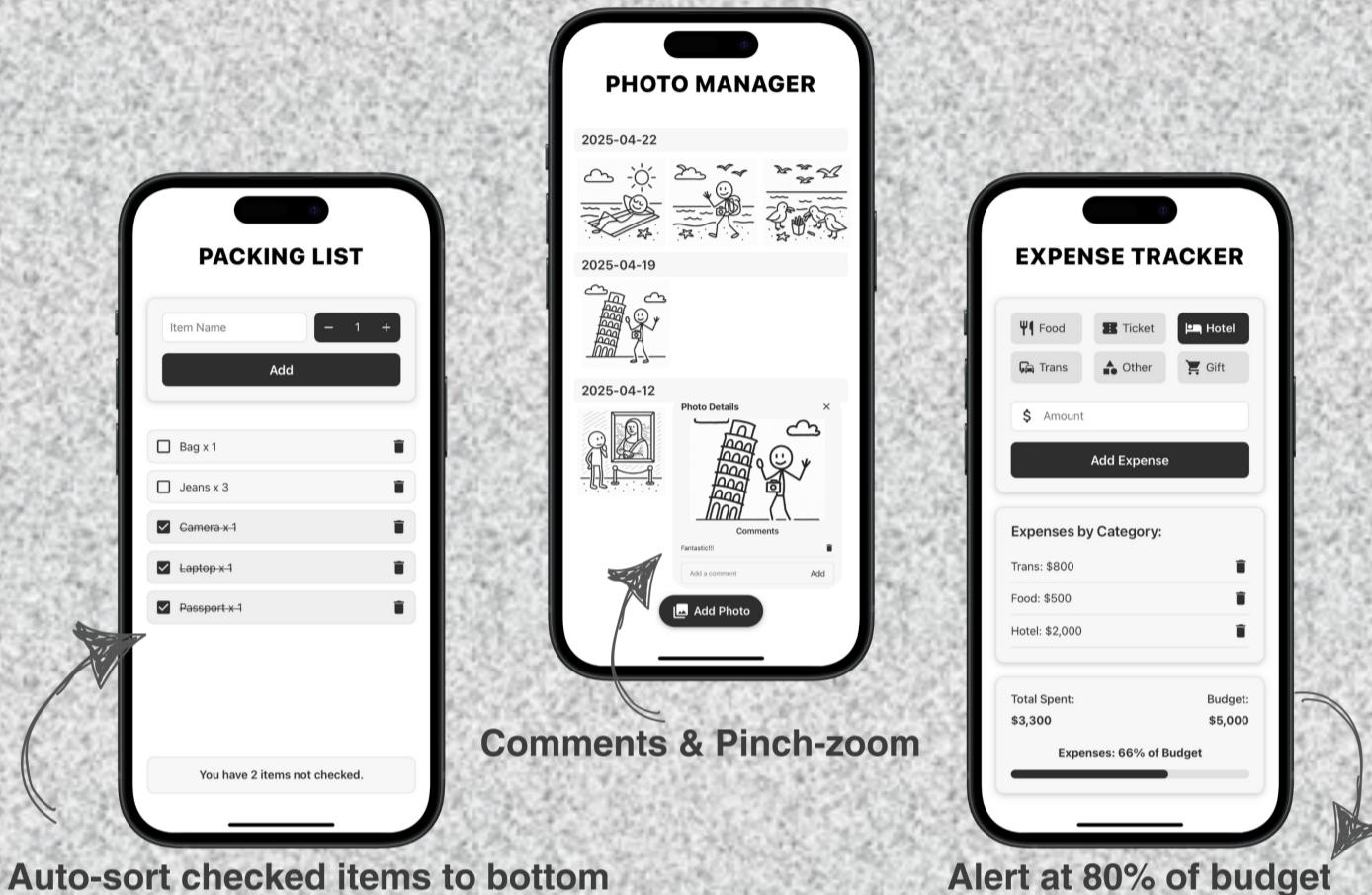


Introduction

That once-in-a-lifetime trip shouldn't mean juggling five different apps.

Travel Mate rolls packing, spending, and journaling into one handy little assistant, cutting the hassle so you can just enjoy the journey.

User Flow



- Sign up / Sign in
- Create a new trip
- Add items to Checklist
- Log expenses
- Browse Travel Journal
- View trip summary



Implementation

- Balsamiq (UI Design)
- React Native (Development)
- Expo (Build and test)
- Firebase Auth (User authentication)
- Firestore (Realtime database)
- Firebase Storage (Image storage)

Conclusions

Travel Mate has met the product goals through continuous testing, real-time data synchronization, and user feedback. Extensible architecture ensures stable performance across devices, while on-device image compression makes uploads faster and smoother. Future plans include one-click social sharing, offline caching, and intelligent packing suggestions—to keep each journey lighter and more social.



Testing

Functional tests covered all critical flows—sign-in, trip creation, packing checklist, budget tracking, photo management—every case passed reliably in the live Firebase environment. Ten scenario-based user tests confirmed overall usability and pinpointed the next areas for refinement.