

Full Feature List for PackPal - Group Logistics Organizer:

1. Role-based Access

- Roles: Owner, Admin, Member, Viewer
- Controls who can add/edit/delete items, manage users, and change settings

2. Categorized Item Checklists

- Group items into categories like Tech, Hygiene, Food, etc.
- Custom categories supported

3. Item Status Tracking

- Item flow: To Pack -> Packed -> Delivered
- Color-coded for clarity

4. Real-time Updates and Group Coordination

- Changes sync instantly using Socket.io or Pusher
- Prevents overwrites, keeps everyone aligned

5. Conflict Alerts for Duplicate Items

- Warns when multiple users add the same item
- Suggests merging or reassigning

6. Bonus Features

- PDF Export via React PDF / Puppeteer / PDFKit
- Pre-loaded Templates for quick checklist creation

7. Smart Reminders & Notifications

- Notify users of deadlines or checklist changes
- Push/email support

8. Subtasks & Notes per Item

- Add checkable subtasks and optional notes
- Include quantity, store, brand, etc.

9. Event Timeline / Countdown

- Countdown to event start
- Add key dates and deadlines

10. AI-based Smart Suggestions

- Suggest items based on event type or location
- Uses keyword-based logic (no complex AI needed)

11. Item Templates by Category

- Create and reuse standard item bundles
- Save time for common event types

12. Color-coded Roles & Status

- Role tags and item statuses in different colors
- Improves visual clarity

13. Activity Logs / History

- Show who updated/added items and when
- Helps in collaborative environments

14. Shareable Public View Link

- Read-only checklist view for guests
- Optional item suggestions without login

15. Packing Estimations

- Enter item weight/volume manually
- Calculates total for group planning

16. Poll for Item Responsibility

- Team members vote on who should bring an item
- Encourages fairness

17. Recurrent Event Support

- Duplicate packing lists for repeat events
- Schedule monthly or yearly trips

18. CSV Import/Export

- Upload/download checklist in CSV format
- Useful for bulk management

19. Receipt Uploads

- Upload proof of purchase
- Track expenses and reimbursements

20. Cleanup Suggestions

- End-of-event prompts for return/cleanup
- Option to archive or delete event

These features are ideal for a hackathon, simple to build with CRUD + websockets, and scalable later.