

| Interface Element | Initial Design (Exercise 2) | Issues Identified | Redesigned Solution | Rationale |
|-------------------------------|---|---|--|--|
| Login Screen | Separate login pages for Staff and Guest | Not explicitly tested, but violates Occam's Razor principle | Single unified login page that routes users automatically based on credentials | Simpler user experience - users don't need to remember which |
| Add Menu Item Button | Standard-sized button mixed with other UI | Staff participant noted it was "too easy to overlook" | Extended Floating Action Button (FAB) with text label "Add Menu Item" | Always visible while scrolling, uses both icon and text for clarity. FAB's |
| Reservation Status Indicators | Text-only status labels | Staff wanted faster visual scanning during "lunch rush" | Color-coded vertical bars + status badges (green=confirmed, yellow=pending, | Immediate visual recognition without reading text. Staff mentioned: "I can |
| Modify Reservation Label | Button labeled "Modify Reservation" | Student participant found it "too vague" | Changed to "Edit Booking" | More direct language that matches user expectations. "Edit" is a common term |
| Time Selector | Basic text input field in sketch | Student mentioned it felt "cramped" | Native Android TimePicker dialog with large touch targets | Prevents input errors, faster than typing, follows platform conventions |
| Booking Confirmation Feedback | Simple text confirmation | Student wanted "a tick, maybe a coloured flash" | Added visual confirmation with success icon and brief animation | Provides immediate feedback that action completed successfully |
| Reservation List Spacing | Inconsistent margins in paper prototype | Both users "struggled with inconsistent spacing" | Standardized 16dp padding throughout, consistent card heights | Creates visual rhythm, easier to scan quickly |
| Navigation Icons | Some screens used text-only navigation | Both users "expected icons for main navigation items" | Bottom navigation with clear icons (Dashboard, Menu, Reservations, Profile) | Industry standard pattern, reduces cognitive load |
| Filter/Sort Options | Not present in initial design | Staff mentioned list "would get messy during lunch rush" | Added chip filters for status and search bar at top | Allows quick filtering without leaving the screen |