

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