**Common Features (All Projects)**

1. User Authentication

|  |  |
| --- | --- |
| **Description**: Secure login/registration system **Screens**: Login, Signup, Forgot Password, Reset Password, Email Verification | **Interaction**:   * New users: Signup → verify email → login * Existing users: Enter credentials → access account * Password recovery: Request reset → follow email link → set new password |

2. Profile Management

|  |  |
| --- | --- |
| **Description**: Edit personal details and profile picture **Screens**: View Profile, Edit Profile, Change Avatar, Update Password | **Interaction**:   * Click "Edit Profile" → update fields → save changes * Upload image → crop/resize → set as profile picture |

3. Role-Based Access

|  |  |
| --- | --- |
| **Description**: Different permissions for admins/users **Screens**: Permission Settings, Role Assignment | **Interaction**:   * Admin: Assign roles (Admin/Editor/User) to accounts * Users: See only permitted features in navigation |

4. Dashboard

|  |  |
| --- | --- |
| **Description**: Overview of key activities and stats **Screens**: Home Dashboard, Analytics Overview, Quick Actions | **Interaction**:   * View summary widgets → click to see details * Use shortcuts for common tasks |

5. Notifications

|  |  |
| --- | --- |
| **Description**: Email/in-app alerts for important actions **Screens**: Notification Center, Notification Settings | **Interaction**:   * Bell icon shows unread count → click to view * Toggle notification types (email/push) |

6. Contact Us Form

|  |  |
| --- | --- |
| **Description**: Page for users to submit inquiries **Screens**: Contact Form, Submission Confirmation | **Interaction**:   * Fill form fields → CAPTCHA verification → submit * Auto-receipt email sent to user |

7. Landing Page

|  |  |
| --- | --- |
| **Description**: Public homepage explaining the system **Screens**: Main Landing, Features, Testimonials | **Interaction**:   * Scroll through sections → click CTA buttons * Navigation to key sections (About, Signup) |

8. Admin Panel

|  |  |
| --- | --- |
| **Description**: Backend interface for managing data **Screens**: User Management, Content Moderation, System Settings | **Interaction**:   * Filter/sort records → bulk actions * Access advanced configuration options |

9. Search & Filter

|  |  |
| --- | --- |
| **Description**: Find items using keywords/categories **Screens**: Search Bar, Filter Panel, Results List | **Interaction**:   * Type query → see live results * Apply filters → refine results |

10. Pagination

|  |  |
| --- | --- |
| **Description**: Split long lists into manageable pages **Screens**: Pagination Controls, Items Per Page Selector | **Interaction**:   * Click page numbers → load new set * Change items per page (10/25/50) |

11. Responsive Design

|  |  |
| --- | --- |
| **Description**: Works on mobile/tablet/desktop **Screens**: Adaptive Layouts, Mobile Menu | **Interaction**:   * Elements reposition based on screen size * Hamburger menu on mobile → expands navigation |

12. Form Validation

|  |  |
| --- | --- |
| **Description**: Ensures correct data input **Screens**: Error Messages, Success States | **Interaction**:   * Real-time feedback on invalid fields * Submission prevented until all valid |

13. Error Pages

|  |  |
| --- | --- |
| **Description**: Custom 404/500 error screens **Screens**: 404 Not Found, 500 Server Error | **Interaction**:   * Clear error message → suggested actions * Navigation back to safety |

14. Activity Logs

|  |  |
| --- | --- |
| **Description**: Tracks user actions for security **Screens**: Audit Trail, Export Logs | **Interaction**:   * Filter by date/user/action type * Export for compliance purposes |

15. Data Export

|  |  |
| --- | --- |
| **Description**: Download reports as PDF/CSV **Screens**: Export Wizard, Format Options | **Interaction**:   * Select data range → choose format → download * Scheduled exports available |

* 1. **Online Learning Platform**

1. Course Catalog

**Description**: Browse available courses  
**Screens**: Course Gallery, Category Filters, Course Details  
**Interaction**:

* Browse courses by category → click for details
* View syllabus, duration, and difficulty level
* "Preview" button shows sample content

2. Enrollment System

**Description**: Sign up for courses  
**Screens**: Enrollment Page, Payment Gateway, Confirmation  
**Interaction**:

* Click "Enroll Now" → choose payment plan → complete checkout
* Free courses: Instant access after click
* Receipt sent via email

3. Progress Tracking

**Description**: Visualize learning completion  
**Screens**: Progress Dashboard, Course Completion Meter  
**Interaction**:

* Circular progress indicator shows % completed
* Hover over modules to see status (Not Started/In Progress/Completed)
* Click "Continue Learning" to resume

4. Basic Quizzes

**Description**: Simple multiple-choice tests  
**Screens**: Quiz Interface, Timer, Results Summary  
**Interaction**:

* Answer questions → submit → instant grading
* Review correct/incorrect answers with explanations
* Retake option for failed quizzes

5. Discussion Forums

**Description**: Q&A threads for each course  
**Screens**: Thread List, New Post Form, Reply Section  
**Interaction**:

* Post questions with course-specific tags
* Instructors mark best answers with badges
* Email notifications for thread updates

6. Course Ratings

**Description**: 5-star rating system  
**Screens**: Star Rating Widget, Review Form  
**Interaction**:

* Hover stars to rate → optional text review
* See aggregate ratings on course cards
* Filter courses by rating threshold

7. Instructor Profiles

**Description**: Teacher bios and credentials  
**Screens**: Instructor Page, Credential Badges  
**Interaction**:

* View teaching history and specialties
* "Message Instructor" button for queries
* Lists all courses by this instructor

8. Certificate Generation

**Description**: PDF certificates upon completion  
**Screens**: Certificate Preview, Download Options  
**Interaction**:

* Auto-generated after 100% course completion
* Customizable with student name/date
* Shareable link for LinkedIn/portfolios

9. Payment Integration

**Description**: Pay for premium courses  
**Screens**: Checkout Flow, Coupon Entry  
**Interaction**:

* Multiple payment methods (Card/PayPal)
* Secure 3D-Secure authentication
* Invoice available in dashboard

10. FAQ Section

**Description**: Help center for common questions  
**Screens**: Searchable Knowledge Base, Contact Support  
**Interaction**:

* Type questions → see instant answers
* "Still need help?" opens support ticket form
* Categorized by Enrollment/Technical/Payments

**2. Student Management System**

1. Student Profiles

**Description**: Academic records and contact info  
**Screens**: Student Dashboard, Profile Editor, Academic History  
**Interaction**:

* Students: View personal info → edit contact details → save changes
* Admins: Search student → view full profile → update records
* Auto-generates student ID cards with QR codes

2. Course Registration

**Description**: Enroll in classes  
**Screens**: Course Catalog, Registration Wizard, Conflict Checker  
**Interaction**:

* Browse available courses → add to cart → submit selections
* Real-time alerts for schedule conflicts/prerequisites
* Advisor approval workflow for restricted courses

3. Attendance Tracking

**Description**: Daily class participation logs  
**Screens**: Attendance Sheet, QR Code Scanner, Absence Notes  
**Interaction**:

* Teachers: Scan student IDs/mark present → submit daily record
* Students: Submit absence excuses with documentation
* Generates attendance percentage reports

4. Gradebook

**Description**: Record and calculate student grades  
**Screens**: Grade Entry Grid, Curve Calculator, Final Grades  
**Interaction**:

* Teachers: Enter scores → auto-calculates weighted totals
* Students: View current grade → see assignment feedback
* Export grades to institutional systems

5. Timetable View

**Description**: Class schedule calendar  
**Screens**: Weekly Calendar, List View, Room Finder  
**Interaction**:

* Color-coded by subject → click for class details
* Sync to personal calendars (Google/Outlook)
* Mobile view shows "Next Class" countdown

6. Fee Payment Tracking

**Description**: Tuition payment records  
**Screens**: Invoice Dashboard, Payment Portal, Receipts  
**Interaction**:

* View balance → select payment method → confirmation
* Automatic late fee calculations
* Payment history export for tax purposes

7. Parent Portal

**Description**: Parents view child's progress  
**Screens**: Parent Dashboard, Activity Alerts, Messaging  
**Interaction**:

* Link multiple children to one parent account
* Real-time notifications for grades/attendance
* Secure messaging with teachers

8. Teacher Assignments

**Description**: Manage class workloads  
**Screens**: Teaching Schedule, Workload Calculator  
**Interaction**:

* Department heads assign courses to teachers
* Visual overload warnings when exceeding capacity
* Substitute teacher assignment interface

9. Report Generation

**Description**: Create progress reports  
**Screens**: Report Builder, Template Library, Batch Export  
**Interaction**:

* Select students → choose template → generate PDF
* Customizable comment banks for teachers
* Mass-print for parent-teacher meetings

10. Document Upload

**Description**: Submit assignments/files  
**Screens**: Submission Portal, File Viewer, Turnitin Check  
**Interaction**:

* Drag-and-drop files → add comments → submit
* Plagiarism check results for teachers
* Version history for resubmissions

**3. Hospital Management System**

1. Patient Registration

**Description**: Create medical records  
**Screens**: New Patient Form, Medical History Questionnaire, ID Scanner  
**Interaction**:

* Front desk: Scan ID → auto-fill basic info → complete medical history
* Patients: Self-registration kiosk with digital signature
* Auto-generates patient ID wristband

2. Appointment Scheduling

**Description**: Book doctor visits  
**Screens**: Doctor Availability Calendar, Time Slot Picker, Confirmation  
**Interaction**:

* Patients: Select specialty → choose doctor → pick available slot
* Receptionists: Override for emergency cases
* SMS/email reminders 24hrs before appointment

3. Doctor Profiles

**Description**: Specialist information  
**Screens**: Doctor Directory, Schedule Viewer, Specialty Filter  
**Interaction**:

* Patients: View qualifications → check availability → book
* Admins: Edit doctor schedules → set consultation fees
* Integrated with on-call rotation system

4. Prescription Records

**Description**: Digital medication orders  
**Screens**: e-Prescription Editor, Pharmacy Dashboard, Drug Database  
**Interaction**:

* Doctors: Search medications → specify dosage → e-sign
* Pharmacists: View pending orders → dispense → mark complete
* Allergy interaction warnings

5. Basic Billing

**Description**: Generate patient invoices  
**Screens**: Charge Capture, Insurance Calculator, Payment Terminal  
**Interaction**:

* Auto-calculates fees based on services rendered
* Apply insurance discounts → generate final bill
* Multiple payment options (cash/card/installments)

6. Lab Test Orders

**Description**: Request diagnostic tests  
**Screens**: Test Requisition Form, Barcode Label Printer, Results Viewer  
**Interaction**:

* Doctors: Order tests → print specimen labels
* Lab Techs: Scan barcodes → record results
* Critical results trigger immediate alerts

7. Inventory Tracking

**Description**: Medical supply management  
**Screens**: Stock Dashboard, Reorder Alerts, Expiry Tracker  
**Interaction**:

* Scan items in/out → automatic stock level updates
* Color-coded low stock warnings
* Batch tracking for recalls

8. Staff Management

**Description**: Employee directory  
**Screens**: HR Portal, Shift Scheduler, Credential Tracker  
**Interaction**:

* View staff by department → check schedules
* Track license expirations → send renewal reminders
* Role-based access controls

9. Patient History

**Description**: View past treatments  
**Screens**: Timeline View, Treatment Summary, Chart Search  
**Interaction**:

* Chronological display of all encounters
* Filter by treatment type (meds/procedures)
* Secure sharing with other providers

10. Insurance Claims

**Description**: Process coverage requests  
**Screens**: Claim Form, Status Tracker, Denial Management  
**Interaction**:

* Auto-populate from patient records → submit electronically
* Track claim status → resubmit if denied
* Generate monthly reimbursement reports

**4. Blogging Platform**

1. Rich Text Editor

**Description**: Format posts with images/links  
**Screens**: Editor Dashboard, Media Uploader, Link Insertion Tool  
**Interaction**:

* Authors: Type content → format text (bold/headers) → embed media
* Drag-and-drop images → adjust alignment/size
* Live preview toggle to check formatting

2. Post Categories

**Description**: Organize content by topics  
**Screens**: Category Manager, Category Assignment Panel  
**Interaction**:

* Create/maintain category taxonomy (e.g., "Tech", "Travel")
* Assign multiple categories per post during publishing
* Readers filter posts by category via sidebar widget

3. Comment System

**Description**: Readers discuss articles  
**Screens**: Comment Section, Moderation Queue, Reply Threads  
**Interaction**:

* Readers: Type comment → submit (optional login)
* Authors: Pin featured comments → delete spam
* Nested replies with @mention notifications

4. Author Profiles

**Description**: Blogger bios and social links  
**Screens**: Profile Page, Social Media Connector  
**Interaction**:

* Authors: Upload bio photo → write "About Me" → add social handles
* Readers: Click author name → view all their posts
* Verified author badges for staff

5. Featured Posts

**Description**: Highlight popular content  
**Screens**: Featured Posts Carousel, Manual Curator  
**Interaction**:

* Editors: Select posts → mark as featured → set display order
* Auto-feature based on traffic/engagement metrics
* Special styling on homepage

6. Newsletter Signup

**Description**: Email subscription form  
**Screens**: Pop-up/Sidebar Form, Confirmation Email  
**Interaction**:

* Readers: Enter email → confirm via double opt-in
* Admins: View subscriber count → export emails
* GDPR-compliant consent tracking

7. Social Sharing

**Description**: Share buttons for networks  
**Screens**: Share Bar (Floating/Post-Footer)  
**Interaction**:

* Click platform icon → auto-populate post title/URL
* Share counters display engagement
* Customizable buttons for each platform

8. Draft Autosave

**Description**: Automatically save unfinished posts  
**Screens**: Save Status Indicator, Version History  
**Interaction**:

* Auto-saves every 2 minutes → "Saved" confirmation
* Recover drafts after browser crashes
* Compare/restore previous versions

9. Tagging System

**Description**: Label posts for discovery  
**Screens**: Tag Manager, Tag Cloud Widget  
**Interaction**:

* Add tags during post creation (e.g., #recipes)
* Click tags to view related posts
* Merge duplicate tags in admin panel

10. Archive View

**Description**: Browse historical posts  
**Screens**: Monthly/Yearly Archive, Calendar Interface  
**Interaction**:

* Filter by date → see post count per period
* "On This Day" feature shows past posts
* Export archive as JSON/XML

**5. Task Management App**

1. Task Creation

**Description**: Add new to-do items  
**Screens**: Quick Add Task Bar, Detailed Task Form  
**Interaction**:

* Type task name → press Enter for quick add
* Click "+" for advanced options (description, labels)
* Voice input support ("Add task: Buy milk tomorrow")

2. Due Dates

**Description**: Set deadlines for tasks  
**Screens**: Date Picker, Time Selector, Reminder Settings  
**Interaction**:

* Click calendar icon → choose date/time
* Natural language processing ("next Thursday at 2pm")
* Color-coding for overdue/upcoming tasks

3. Priority Levels

**Description**: Mark urgency (High/Medium/Low)  
**Screens**: Priority Selector, Priority Filter View  
**Interaction**:

* Click flag icon → select color-coded priority
* Auto-sorts tasks by priority in list view
* Visual indicators (exclamation marks/colors)

4. Task Categories

**Description**: Group by project/type  
**Screens**: Category Manager, Category Tags  
**Interaction**:

* Create custom categories (Work/Personal)
* Drag tasks between categories
* Bulk apply categories to multiple tasks

5. Subtasks

**Description**: Break tasks into smaller steps  
**Screens**: Subtask List, Progress Checker  
**Interaction**:

* Click "Add subtask" → type step → Enter
* Checkbox system for completion tracking
* Indent/nest subtasks for hierarchies

6. Progress Tracking

**Description**: Check completion status  
**Screens**: Completion Bar, Statistics Dashboard  
**Interaction**:

* Check main checkbox to mark task complete
* View percentage completion for task groups
* Weekly productivity graphs

7. File Attachments

**Description**: Add supporting documents  
**Screens**: Attachment Panel, File Previewer  
**Interaction**:

* Drag files onto task → auto-uploads
* Preview images/PDFs without downloading
* 25MB file size limit with format restrictions

8. Shared Tasks

**Description**: Collaborate with team members  
**Screens**: Sharing Settings, Assignment Tool  
**Interaction**:

* Click "Share" → enter emails → set permissions
* @mention teammates in comments
* Real-time sync across devices

9. Calendar View

**Description**: See tasks on a timeline  
**Screens**: Day/Week/Month Calendar, Schedule Editor  
**Interaction**:

* Drag tasks to reschedule deadlines
* Color-coded by category/priority
* Print calendar for offline use

10. Activity History

**Description**: Audit trail of changes  
**Screens**: History Log, Version Compare  
**Interaction**:

* View timestamped edits (who changed what)
* Revert to previous task versions
* Export history as CSV

**6. Car Rental System**

1. Vehicle Inventory

**Description**: List available cars with specs  
**Screens**: Vehicle Gallery, Filter Panel, Detailed Specs  
**Interaction**:

* Customers: Filter by type (SUV/compact) → compare models → view high-res images
* Staff: Add/edit vehicles with VIN scanner → upload 360° tours
* Real-time availability indicators

2. Booking Calendar

**Description**: Check availability by date  
**Screens**: Interactive Calendar, Overlapping Booking Alerts  
**Interaction**:

* Select pickup/return dates → see available vehicles
* Drag to adjust rental period → automatic price update
* "Hot demand" indicators for peak dates

3. Customer Profiles

**Description**: Driver licenses and preferences  
**Screens**: Digital License Scanner, Preference Manager  
**Interaction**:

* Scan driver's license → auto-fill personal details
* Save preferences (seat position, favorite car type)
* Track past rentals and blacklist status

4. Damage Reports

**Description**: Document pre-existing issues  
**Screens**: Vehicle Inspection Tool, Annotation Canvas  
**Interaction**:

* Staff: Circle scratches on vehicle diagram → add notes
* Customers: Sign digital report at pickup/return
* Time-stamped photos stored with each rental

5. Pricing Calculator

**Description**: Estimate rental costs  
**Screens**: Quote Generator, Fee Breakdown  
**Interaction**:

* Input dates → see base rate + taxes/fees
* Adjust options (child seats, GPS) → real-time total
* Email/SMS quote to customer

6. Insurance Options

**Description**: Add coverage packages  
**Screens**: Coverage Selector, Terms Viewer  
**Interaction**:

* Side-by-side comparison of insurance tiers
* Digital signature for waiver agreements
* Claim history tracking for frequent renters

7. Pickup Locations

**Description**: Branch addresses and hours  
**Screens**: Interactive Map, Hours Widget  
**Interaction**:

* Filter locations by services (24hr/airport)
* Get directions with integrated GPS
* After-hours key locker management

8. Fuel Tracking

**Description**: Record gas levels at checkout  
**Screens**: Fuel Gauge Simulator, Receipt Upload  
**Interaction**:

* Staff: Select fuel level (1/4, 1/2, etc.) → take photo
* Automatic refueling fee calculation if below return level
* Gas station locator in return instructions

9. Maintenance Records

**Description**: Service history for vehicles  
**Screens**: Service Timeline, Alert Dashboard  
**Interaction**:

* Log oil changes/repairs with odometer readings
* Color-coded alerts for upcoming maintenance
* Lock vehicles needing service from bookings

10. Loyalty Program

**Description**: Reward frequent renters  
**Screens**: Points Balance, Reward Catalog  
**Interaction**:

* Earn points per dollar spent → redeem for upgrades
* Tiered status (Silver/Gold/Platinum)
* Birthday free rental day

**7. Library Management System**

1. Book Catalog

**Description**: Searchable database of all library materials  
**Screens**: Advanced Search Page, Book Details View, Shelf Location Map  
**Interaction**:

* Patrons: Search by title/author → view availability → see shelf location (e.g., "Fiction A-Z")
* Staff: Add new books via ISBN scanner → auto-populate details from online databases
* "Similar Titles" recommendation engine

2. Borrower Accounts

**Description**: Patron registration and profiles  
**Screens**: Registration Form, Account Dashboard, Reading History  
**Interaction**:

* New users: Submit ID proof → receive library card number
* View current loans/holds → renew items → track reading history
* Parental controls for juvenile accounts

3. Check-in/Check-out

**Description**: Track book loans and returns  
**Screens**: Circulation Desk Interface, Self-Service Kiosk  
**Interaction**:

* Staff: Scan book barcode → scan patron card → confirm loan
* Self-service: Tap library card → place books on RFID pad → automatic checkout
* Instant email receipts

4. Due Date Reminders

**Description**: Automatic email/SMS notifications  
**Screens**: Notification Settings, Reminder History  
**Interaction**:

* 3-day advance notice → overdue alerts → final warnings
* Patrons customize contact preferences (email/SMS)
* Staff override for special circumstances

5. Fine Calculation

**Description**: Compute late fees automatically  
**Screens**: Fine Dashboard, Payment Portal, Waiver Requests  
**Interaction**:

* Accrues daily rates (e.g., $0.25/day) → caps at maximum
* Online payment with receipt generation
* Staff can waive fines for valid reasons

6. Book Reservations

**Description**: Hold system for popular titles  
**Screens**: Hold Queue, Available Hold Alerts  
**Interaction**:

* Place hold on checked-out items → get notified when available
* 3-day pickup window after notification
* View position in queue for popular titles

7. Donation Tracking

**Description**: Record gifted materials  
**Screens**: Donation Intake Form, Acknowledgment Generator  
**Interaction**:

* Log donor info → assess condition → generate thank-you letters
* Decision tracking (Add to collection/Book sale/Recycle)
* Tax receipt generation for qualifying donations

8. Report Generation

**Description**: Create circulation statistics  
**Screens**: Report Wizard, Custom Filter Builder  
**Interaction**:

* Generate monthly circulation reports
* Customize by branch/material type/time period
* Export to PDF/Excel for board meetings

9. ISBN Search

**Description**: Quick lookup using barcode numbers  
**Screens**: Barcode Scanner Interface, Quick Results  
**Interaction**:

* Scan ISBN → instantly display title/availability
* Handheld scanner or webcam input
* Direct add-to-cart from results

10. Staff Management

**Description**: Employee access levels  
**Screens**: Role Manager, Shift Schedule, Audit Logs  
**Interaction**:

* Assign roles (Librarian/Clerk/Admin) with granular permissions
* View staff activity logs for security
* Schedule shifts with conflict detection

**8. Restaurant Management System**

1. Digital Menu

**Description**: Online display with categories  
**Screens**: Menu Editor, Customer View, Category Manager  
**Interaction**:

* Managers: Drag-and-drop items → set seasonal availability → update prices
* Customers: Filter by dietary tags (Vegan/Gluten-free) → view item details with photos
* Real-time menu changes sync across all devices

2. Table Reservations

**Description**: Book specific time slots  
**Screens**: Floor Plan Map, Reservation Book, Waitlist  
**Interaction**:

* Hostess: Click tables → assign parties → manage walk-ins
* Customers: Online time slot picker → special requests field
* Auto-sends confirmation SMS with QR code

3. Order Tracking

**Description**: Monitor kitchen progress  
**Screens**: Order Queue, Station View, Expediter Dashboard  
**Interaction**:

* Servers: Fire courses (Appetizer/Main) to specific stations
* Chefs: Mark orders as "In Progress"/"Ready" → timer alerts for delays
* Color-coded by ticket age (Yellow → Red)

4. Staff Scheduling

**Description**: Assign shifts and roles  
**Screens**: Weekly Roster, Availability Tracker, Shift Swap Board  
**Interaction**:

* Managers: Drag staff to shifts → approve time-off requests
* Employees: Set availability → request shift changes → clock in/out
* Labor cost projections vs. sales forecasts

5. Inventory Basics

**Description**: Track ingredient quantities  
**Screens**: Stock Count, Par Level Alerts, Waste Log  
**Interaction**:

* Receive deliveries → update stock levels
* Low inventory alerts (e.g., "Chicken stock below par")
* Recipe-based usage calculations

6. Customer Feedback

**Description**: Collect dining experience reviews  
**Screens**: Survey Tablet, Review Dashboard, Response Tool  
**Interaction**:

* Post-meal quick-rating (1-5 stars)
* Detailed comment analysis for service trends
* Manager response interface for public reviews

7. Payment Processing

**Description**: Secure transaction handling  
**Screens**: POS Terminal, Split Bill, Receipt Printer  
**Interaction**:

* Split checks by seat → multiple payment methods
* Contactless NFC payments → digital receipt options
* Automatic tip distribution calculations

8. Loyalty Program

**Description**: Points/rewards system  
**Screens**: Rewards Catalog, Point Tracker, Redemption  
**Interaction**:

* Customers: Earn points per dollar → redeem free items
* Staff: Suggest rewards during checkout
* Birthday reward automation

9. Kitchen Tickets

**Description**: Digital order slips to chefs  
**Screens**: KDS (Kitchen Display System), Modifier Alerts  
**Interaction**:

* Highlight allergy warnings (e.g., "NO NUTS" in red)
* Course timing coordination between stations
* Void/recall functionality with manager approval

10. Sales Reports

**Description**: Daily/weekly revenue analytics  
**Screens**: Performance Dashboard, Item Ranking, Labor Cost  
**Interaction**:

* Compare sales by daypart/server/menu item
* Export data to accounting software
* Year-over-year trend graphs

**9. Social Media Dashboard**

1. Post Creation

**Description**: Compose text/image updates  
**Screens**: Post Composer, Media Uploader, Preview Mode  
**Interaction**:

* Users: Type content → attach photos/videos → tag friends/locations
* Formatting tools (bold, lists, emoji picker)
* Scheduled posting with calendar integration

2. Friend Connections

**Description**: Manage follower relationships  
**Screens**: Friends Manager, Suggestion Engine, Follow Requests  
**Interaction**:

* Send/accept/reject friend requests
* "People You May Know" algorithm
* Categorized friend lists (Close Friends, Acquaintances)

3. Like/Comment

**Description**: Basic engagement features  
**Screens**: Reaction Selector, Comment Thread, Reply Interface  
**Interaction**:

* Long-press for reaction options (Like/Love/Haha)
* @mention users in comments → notification triggers
* Nested comment threads with voting

4. Profile Customization

**Description**: Personalize user pages  
**Screens**: Profile Editor, Theme Picker, Bio Section  
**Interaction**:

* Upload profile/cover photos → crop/position
* Color scheme selector (light/dark/custom)
* Featured content pinning

5. Photo Albums

**Description**: Organize images into collections  
**Screens**: Album Creator, Bulk Selector, Sharing Controls  
**Interaction**:

* Drag-and-drop photo organization
* Collaborative albums (friends can add photos)
* Location/date-based auto-albums

6. Privacy Settings

**Description**: Control post visibility  
**Screens**: Audience Selector, Block List, Activity Log  
**Interaction**:

* Per-post audience selection (Public/Friends/Custom)
* Block specific users → restrict interactions
* View/delete past activity

7. Activity Feed

**Description**: Chronological content display  
**Screens**: Main Feed, Story Viewer, Algorithm Toggle  
**Interaction**:

* Scroll through updates → pull to refresh
* "Most Recent" vs "Top Posts" view options
* Story circles for ephemeral content

8. Hashtag Search

**Description**: Discover related content  
**Screens**: Hashtag Explorer, Trending Topics  
**Interaction**:

* Click hashtags → view all related posts
* Follow hashtags → appear in main feed
* Volume graphs for trend analysis

9. Direct Messaging

**Description**: Private user conversations  
**Screens**: Chat List, Message Thread, Group Chat  
**Interaction**:

* Send text/images/voice messages
* React to messages with emojis
* Read receipts and typing indicators

10. Account Deletion

**Description**: Permanent profile removal  
**Screens**: Deactivation Flow, Data Download, Final Confirmation  
**Interaction**:

* 14-day reversible deactivation period
* Full data export option (posts, messages, photos)
* Two-factor authentication required

**10. Employee Management System**

1. Employee Directory

**Description**: Searchable staff database  
**Screens**: Employee List, Profile Viewer, Advanced Search  
**Interaction**:

* HR: Add new hires → upload documents → assign IDs
* Employees: Search colleagues by name/skills → view contact details
* Export full directory as CSV for emergency contacts

2. Department Structure

**Description**: Organizational hierarchy  
**Screens**: Department Editor, Reporting Lines  
**Interaction**:

* Drag-and-drop team reorganization
* View matrix reporting relationships
* Color-code departments for visual scanning

3. Leave Requests

**Description**: Submit/time-off approvals  
**Screens**: Leave Calendar, Approval Workflow, Balance Tracker  
**Interaction**:

* Employees: Select dates → choose leave type → submit
* Managers: Approve/reject with comments → see team availability
* Automatic accrual calculations

4. Performance Reviews

**Description**: Track employee evaluations  
**Screens**: Review Template, 360° Feedback, Goal Tracking  
**Interaction**:

* Schedule review cycles → assign reviewers
* Self-assessment + manager evaluation forms
* Competency matrix visualization

5. Document Storage

**Description**: Centralized HR files  
**Screens**: Document Vault, Version Control  
**Interaction**:

* Upload contracts/certificates → set access permissions
* Electronic signature collection
* Automated retention policy enforcement

6. Company Announcements

**Description**: Internal bulletin board  
**Screens**: News Feed, Priority Alerts  
**Interaction**:

* HR: Post updates → target specific departments
* Employees: Comment/react to posts
* Mandatory read acknowledgments

7. Training Records

**Description**: Track skill development  
**Screens**: Training Catalog, Transcripts, Certification Tracker  
**Interaction**:

* Register for courses → complete assessments
* Automatic expiry alerts for certifications
* Skills gap analysis reports

8. Org Chart

**Description**: Visual company structure  
**Screens**: Interactive Chart, Profile Cards  
**Interaction**:

* Zoomable hierarchy with photo avatars
* Click any employee to see full profile
* Print wall-sized version

9. Timesheets

**Description**: Record working hours  
**Screens**: Weekly Timesheet, Approval Queue  
**Interaction**:

* Clock in/out with GPS verification
* Project/task code allocation
* Overtime threshold alerts

10. Exit Interviews

**Description**: Offboarding documentation  
**Screens**: Exit Form, Knowledge Transfer  
**Interaction**:

* Standardized questionnaire
* Company asset return checklist
* Alumni network opt-in

**11. Online Quiz/Exam System**

1. Question Bank

**Description**: Repository of test items  
**Screens**: Question Editor, Question Browser, Tag Manager  
**Interaction**:

* Teachers: Create MCQs/essays → tag by difficulty/topic → store in bank
* Filter by question type (True/False, Matching)
* Duplicate detection for similar questions

2. Timed Tests

**Description**: Set exam duration limits  
**Screens**: Timer Settings, Countdown Display, Time Extension  
**Interaction**:

* Set overall/individual question timers
* Students see floating countdown clock
* Admin override for accommodations

3. Automatic Scoring

**Description**: Instant grade calculation  
**Screens**: Grading Rubric, Score Breakdown, Grade Curve  
**Interaction**:

* Auto-grades MCQs → flags essays for manual review
* Weighted scoring by question difficulty
* Partial credit for multi-select questions

4. Test Categories

**Description**: Organize by subject/level  
**Screens**: Category Manager, Test Explorer  
**Interaction**:

* Create nested categories (Math → Algebra → Quadratic Equations)
* Bulk assign tests to categories
* Student self-selection by skill level

5. Result History

**Description**: Archive past performances  
**Screens**: Gradebook, Progress Graphs, Comparison Tools  
**Interaction**:

* View attempt history with date/time stamps
* Compare scores across test versions
* Export personal result transcripts

6. Teacher Dashboard

**Description**: Monitor class progress  
**Screens**: Class Overview, Intervention Alerts, Heat Maps  
**Interaction**:

* Real-time test progress monitoring
* Red flags for struggling students
* Question-level difficulty analysis

7. Student Analytics

**Description**: Identify learning gaps  
**Screens**: Skill Matrix, Weakness Report  
**Interaction**:

* Visualizes strengths/weaknesses by topic
* Recommends practice questions
* Tracks improvement over time

8. Question Randomization

**Description**: Prevent cheating  
**Screens**: Randomization Settings, Version Preview  
**Interaction**:

* Shuffle question/answer order per student
* Create unique test versions algorithmically
* Lockdown browser integration

9. Bulk Import

**Description**: Add questions via spreadsheet  
**Screens**: Template Download, Import Wizard  
**Interaction**:

* Download CSV template → batch upload
* Preview before final import
* Error highlighting for malformed questions

10. Certificate Generation

**Description**: Award test completers  
**Screens**: Certificate Designer, Verification Portal  
**Interaction**:

* Customize with logos/signatures
* Auto-generate upon passing scores
* Public URL for credential verification

**12. Fitness Tracker**

1. Workout Logging

**Screens**: Workout Timer, Exercise Logger, Session Summary  
**Interaction**:

* Start/stop timer for workouts
* Log sets/reps/weights for strength training
* Save completed sessions with notes

2. Exercise Library

**Screens**: Exercise Database, Movement Demo, Category Filter  
**Interaction**:

* Browse 500+ exercises with animations
* Filter by equipment/body part
* Save favorites for quick access

3. Progress Charts

**Screens**: Metrics Dashboard, Trend Graph, Achievement Gallery  
**Interaction**:

* View strength/cardio progress over time
* Compare current vs. past performance
* Share milestones on social media

4. Water Intake

**Screens**: Hydration Tracker, Reminder Setup, History View  
**Interaction**:

* Tap to log each glass/cup
* Customizable daily goal
* Push notifications when behind schedule

5. Body Measurements

**Screens**: Measurement Input, Progress Photo Album, Trend Analysis  
**Interaction**:

* Log weight with trend analysis
* Store circumference measurements
* Visual progress with photo timeline

6. Goal Setting

**Screens**: Goal Creator, Progress Tracker, Celebration Display  
**Interaction**:

* Set SMART goals (run 5K, lose 5lbs)
* Track percentage completion
* Virtual trophy for achieved goals

7. Workout Plans

**Screens**: Program Catalog, Daily Workout, Schedule Editor  
**Interaction**:

* Choose 4-12 week programs
* Drag-and-drop schedule adjustments
* Get daily workout notifications

8. Friend Challenges

**Screens**: Challenge Board, Leaderboard, Cheer Interface  
**Interaction**:

* Create step/workout challenges
* See real-time rankings
* Send motivational cheers

9. Device Sync

**Screens**: Wearable Connector, Data Sync Status, Priority Settings  
**Interaction**:

* Bluetooth connection to trackers
* Automatic workout detection
* Adjust data priority settings

10. Nutrition Logging

**Screens**: Food Diary, Barcode Scanner, Macro Dashboard  
**Interaction**:

* Quick-add common meals
* Scan packaged food barcodes
* View carb/protein/fat breakdown

**13. Job Portal**

1. Job Listings

**Screens**: Job Board, Detailed Listing View, Search Filters  
**Interaction**:

* Browse/search open positions
* View full job descriptions/requirements
* Save interesting postings

2. Resume Upload

**Screens**: Resume Builder, File Uploader, Profile Completeness Meter  
**Interaction**:

* Upload existing resume (PDF/DOC)
* Create new resume using templates
* Track profile strength score

3. Application Tracking

**Screens**: Application Status Board, Employer Actions Log, Follow-up Reminders  
**Interaction**:

* View submitted applications
* Track employer review status
* Set reminders for follow-ups

4. Company Profiles

**Screens**: Employer Overview, Employee Reviews, Open Positions List  
**Interaction**:

* Research company culture
* Read anonymous employee reviews
* See all current openings

5. Salary Ranges

**Screens**: Compensation Estimator, Role Comparison Tool, Benefits Breakdown  
**Interaction**:

* View salary data by position/location
* Compare offers side-by-side
* Evaluate total compensation packages

6. Job Alerts

**Screens**: Alert Preferences, Notification Center, Recommended Jobs  
**Interaction**:

* Set criteria for ideal positions
* Receive email/app notifications
* Discover relevant new postings

7. Interview Scheduling

**Screens**: Calendar Sync, Availability Selector, Confirmation Page  
**Interaction**:

* Share available time slots
* Book interviews with employers
* Get calendar invites

8. Saved Searches

**Screens**: Search History, Saved Query Manager, Auto-Refresh Toggle  
**Interaction**:

* Store favorite search parameters
* Get updates when new matches appear
* Organize by job categories

9. Employer Dashboard

**Screens**: Job Posting Manager, Applicant Pipeline, Performance Analytics  
**Interaction**:

* Create/edit job postings
* Review candidate applications
* Track listing performance

10. Career Resources

**Screens**: Resume Tips, Interview Prep, Salary Negotiation Guide  
**Interaction**:

* Access expert advice articles
* Watch instructional videos
* Download templates/checklists

**14. Weather App**

1. Current Conditions

**Screens**: Main Dashboard, Location Header, Live Weather Feed  
**Interaction**:

* View real-time temp/humidity/wind
* See "feels like" temperature
* Check UV index and air quality

2. 5-Day Forecast

**Screens**: Forecast Carousel, Day Detail Panel, Hourly Breakdown  
**Interaction**:

* Swipe through daily predictions
* Tap days for detailed hourly forecasts
* View precipitation probability graphs

3. Location Saving

**Screens**: Saved Places Manager, Add Location Dialog, Quick-Switch Menu  
**Interaction**:

* Save home/work/favorite locations
* Reorder priority of saved places
* Instant switching between locations

4. Weather Alerts

**Screens**: Alert Inbox, Warning Details, Safety Tips  
**Interaction**:

* Receive push notifications for warnings
* View alert severity and duration
* Access preparedness guidelines

5. Radar Maps

**Screens**: Interactive Radar, Storm Tracker, Precipitation Layers  
**Interaction**:

* Pinch-to-zoom live radar imagery
* Play animation of storm movement
* Toggle between rain/snow/satellite views

6. Unit Conversion

**Screens**: Settings Panel, Unit Selector, Live Preview  
**Interaction**:

* Switch between Fahrenheit/Celsius
* Change wind speed units (mph/kph)
* Adjust pressure (inHg/mb)

7. Sunrise/Sunset

**Screens**: Day/Night Tracker, Golden Hour Calculator, Moon Phase  
**Interaction**:

* View daily sun/moon times
* See remaining daylight duration
* Check moonrise/moonset times

8. Historical Data

**Screens**: Weather Archive, Date Picker, Comparison Tool  
**Interaction**:

* Look up past weather by date
* Compare seasonal averages
* View record highs/lows

9. Share Feature

**Screens**: Share Sheet, Custom Message Editor, Social Preview  
**Interaction**:

* Generate weather snapshots
* Share via messaging/social apps
* Include personalized notes

10. Widget Support

**Screens**: Widget Gallery, Customization Panel, Live Preview  
**Interaction**:

* Add home screen widgets
* Choose widget size/style
* Configure data displays

**15. Recipe Management**

1. Recipe Database

**Screens**: Recipe Gallery, Advanced Search, Detailed Recipe View  
**Interaction**:

* Search 10,000+ recipes by ingredients/diet
* Save favorites to personal collections
* View step-by-step instructions with photos

2. Meal Planning

**Screens**: Weekly Planner, Drag-and-Drop Interface, Meal Prep Calendar  
**Interaction**:

* Build 7-day meal plans
* Auto-generate balanced menus
* Sync plans to shopping lists

3. Shopping Lists

**Screens**: Smart Grocery List, Store Aisle Organizer, Pantry Tracker  
**Interaction**:

* Auto-generate from meal plans
* Categorize by supermarket sections
* Check off items during shopping

4. Nutritional Info

**Screens**: Nutrition Label, Macro Breakdown, Dietary Tags  
**Interaction**:

* View calories/protein/carbs per serving
* Filter by keto/vegan/gluten-free
* Track daily nutrition goals

5. Cooking Timer

**Screens**: Multi-Timer Panel, Step-Specific Alerts, Voice Controls  
**Interaction**:

* Set multiple concurrent timers
* Name timers for recipe steps
* Voice commands for hands-free use

6. Rating System

**Screens**: Star Rating Widget, Review Section, Top Recipes Board  
**Interaction**:

* Rate recipes 1-5 stars
* Read/write detailed reviews
* Discover community favorites

7. Category Filters

**Screens**: Cuisine Type Selector, Meal Type Chooser, Dietary Needs Filter  
**Interaction**:

* Browse by breakfast/lunch/dinner
* Filter by 25+ global cuisines
* Save custom filter combinations

8. Seasonal Suggestions

**Screens**: Seasonal Produce Guide, Holiday Collections, Farmers Market Finder  
**Interaction**:

* Get recipes using in-season ingredients
* Discover holiday-themed meals
* Find local seasonal produce

9. Conversion Calculator

**Screens**: Measurement Converter, Serving Size Adjuster, Unit Dictionary  
**Interaction**:

* Switch between metric/imperial
* Scale ingredient quantities
* View equivalent measurements

10. Print-Friendly View

**Screens**: Print Preview, Layout Selector, Custom Notes Field  
**Interaction**:

* Remove ads/images for clean prints
* Choose condensed/full formats
* Add personal recipe notes

**16. Car Rental System**

1. Vehicle Inventory

**Screens**: Fleet Gallery, Vehicle Details, Availability Status  
**Interaction**:

* Filter cars by type/features/price
* View high-res images & 360° tours
* Check real-time availability

2. Booking Calendar

**Screens**: Date Selector, Rate Calendar, Booking Summary  
**Interaction**:

* Select pickup/return dates/times
* See dynamic pricing changes
* Reserve with 1-click confirmation

3. Customer Profiles

**Screens**: Driver License Scanner, Preference Center, Rental History  
**Interaction**:

* Scan license to auto-fill details
* Save seat/mirror preferences
* View past rentals & receipts

4. Damage Reports

**Screens**: Vehicle Inspection Tool, Annotation Canvas, Digital Signature  
**Interaction**:

* Mark damage on vehicle diagrams
* Add timestamped photos
* Get customer e-signature

5. Pricing Calculator

**Screens**: Quote Generator, Fee Breakdown, Promo Code Entry  
**Interaction**:

* Adjust rental period → see price update
* View all fees/taxes breakdown
* Apply discount codes

6. Insurance Options

**Screens**: Coverage Selector, Terms Viewer, Claim Simulator  
**Interaction**:

* Compare 3 coverage tiers
* View deductible amounts
* See claim examples

7. Pickup Locations

**Screens**: Branch Finder, Hours Display, Amenities List  
**Interaction**:

* Search by airport/city
* View after-hours procedures
* See available services (car wash etc.)

8. Fuel Tracking

**Screens**: Fuel Gauge, Refuel Calculator, Receipt Upload  
**Interaction**:

* Record fuel level at checkout
* Calculate refueling costs
* Upload gas receipts

9. Maintenance Records

**Screens**: Service Timeline, Alert Dashboard, Odometer Log  
**Interaction**:

* View all maintenance history
* Get service due notifications
* Track recall notices

10. Loyalty Program

**Screens**: Points Tracker, Reward Catalog, Tier Benefits  
**Interaction**:

* Earn points per dollar spent
* Redeem for free upgrades
* Track progress to next tier

**17. Event Booking**

1. Event Calendar

**Screens**: Month/Week/Day Views, Event Cards, Filter Panel  
**Interaction**:

* Browse events by date/category
* Click events for full details
* Sync to personal calendars

2. Ticket Types

**Screens**: Ticket Tier Grid, Package Comparison, Upsell Prompts  
**Interaction**:

* Compare VIP/Standard/Group rates
* View included amenities
* Add upgrades (meet & greet, etc.)

3. Seat Selection

**Screens**: Interactive Venue Map, Seat Zoom, Accessibility Filter  
**Interaction**:

* Drag to rotate venue view
* Hover seats for price/features
* Filter for wheelchair spaces

4. Attendee List

**Screens**: Registration Dashboard, Name Badge Generator, Dietary Needs  
**Interaction**:

* Export attendee CSV reports
* Print customized badges
* Track special requirements

5. Payment Processing

**Screens**: Checkout Flow, Saved Cards, Invoice Generator  
**Interaction**:

* Apple/Google Pay options
* Split payment capability
* Instant e-ticket delivery

6. Venue Details

**Screens**: 3D Virtual Tour, Parking Map, Public Transport Guide  
**Interaction**:

* View 360° venue photos
* Get real-time traffic alerts
* Book nearby hotels

7. Refund Policy

**Screens**: Terms Display, Cancellation Request, Status Tracker  
**Interaction**:

* View refund deadlines
* Submit cancellation online
* Track request status

8. Waitlist

**Screens**: Join Waitlist Form, Availability Alerts, Priority Queue  
**Interaction**:

* Get notified if spots open
* Automatic promotion when available
* Manage waitlist position

9. Promo Codes

**Screens**: Discount Entry, Code Generator, Redemption Analytics  
**Interaction**:

* Apply codes at checkout
* Create sponsor-specific discounts
* Track code performance

10. Check-in System

**Screens**: QR Scanner, Attendee Lookup, Badge Printer  
**Interaction**:

* Scan e-ticket QR codes
* Manual name search option
* Print on-site badges

**18. Banking System**

1. Account Dashboard

**Screens**: Balance Summary, Quick Actions, Account Tiles  
**Interaction**:

* View all account balances at a glance
* One-click access to frequent actions
* Customize dashboard layout

2. Transaction History

**Screens**: Statement Viewer, Search Filters, Export Panel  
**Interaction**:

* Filter transactions by date/amount/type
* Search by merchant/payment reference
* Download PDF/CSV statements

3. Fund Transfers

**Screens**: Transfer Wizard, Beneficiary Manager, Schedule Tool  
**Interaction**:

* Set up one-time/recurring transfers
* Save frequent recipients
* Approve with 2FA confirmation

4. Bill Pay

**Screens**: Biller Directory, Payment Calendar, e-Bill Inbox  
**Interaction**:

* Schedule future-dated payments
* Set up automatic bill payments
* Receive/view electronic bills

5. Check Deposit

**Screens**: Check Capture, Endorsement Guide, Deposit Status  
**Interaction**:

* Take photos of check front/back
* Auto-detect amount/account details
* View cleared check images

6. Card Management

**Screens**: Card Controls, PIN Changer, Fraud Alerts  
**Interaction**:

* Temporarily freeze cards
* Report lost/stolen cards
* Set spending limits by category

7. Loan Applications

**Screens**: Loan Selector, Document Upload, Status Tracker  
**Interaction**:

* Compare loan products
* Submit income verification
* E-sign loan agreements

8. Interest Calculator

**Screens**: Savings Projector, CD Compare, Loan Savings  
**Interaction**:

* Forecast account growth
* Compare term options
* Calculate early payoff savings

9. ATM Locator

**Screens**: Interactive Map, Fee Filter, Accessibility Info  
**Interaction**:

* Find surcharge-free ATMs
* View operating hours
* Get turn-by-turn directions

10. Security Alerts

**Screens**: Notifications Center, Activity Review, Report Panel  
**Interaction**:

* Real-time fraud notifications
* Review login attempts
* Report suspicious activity

**19. Hotel Reservation**

1. Room Types

**Screens**: Room Gallery, Category Filter, 360° Tours  
**Interaction**:

* View room categories (Standard/Deluxe/Suite)
* Compare amenities across room types
* Take virtual tours of each room

2. Availability Calendar

**Screens**: Dynamic Calendar, Rate Viewer, Stay Duration Selector  
**Interaction**:

* Select dates to see available rooms
* View seasonal pricing changes
* Extend/shorten stay with real-time updates

3. Guest Profiles

**Screens**: Preference Center, Stay History, Loyalty Dashboard  
**Interaction**:

* Save room preferences (floor/view)
* Store special requests (allergies/accessibility)
* Track loyalty points/benefits

4. Amenities List

**Screens**: Facility Explorer, Service Directory, Operating Hours  
**Interaction**:

* Filter by amenity type (pool/spa/gym)
* View photos and descriptions
* Check real-time availability

5. Housekeeping Status

**Screens**: Room Status Board, Maintenance Tracker, Turnover Alert  
**Interaction**:

* Real-time room readiness updates
* Report maintenance issues
* View cleaning progress

6. Review System

**Screens**: Rating Interface, Comment Moderation, Response Tool  
**Interaction**:

* Submit star ratings and comments
* Read management responses
* Filter reviews by traveler type

7. Cancellation Policy

**Screens**: Terms Display, Modification Flow, Penalty Calculator  
**Interaction**:

* View policy by rate type
* Calculate cancellation fees
* Modify bookings online

8. Group Bookings

**Screens**: Group Manager, Room Block Tool, Event Planner  
**Interaction**:

* Reserve multiple rooms under one booking
* Set group payment terms
* Coordinate event spaces

9. Concierge Requests

**Screens**: Service Catalog, Request Tracker, Fulfillment Alert  
**Interaction**:

* Order room service/amenities
* Book local experiences
* Track request status

10. Billing Summary

**Screens**: Folio Viewer, Charge Breakdown, Receipt Generator  
**Interaction**:

* View/itemize all charges
* Split payments between guests
* Email detailed receipt

**20. Personal Finance Tracker**

1. Expense Categories

**Screens**: Category Manager, Transaction Tagger, Custom Rule Creator  
**Interaction**:

* Automatically categorize transactions
* Create custom spending categories
* Set monthly category limits

2. Income Recording

**Screens**: Paycheck Log, Recurring Income Setup, Side Hustle Tracker  
**Interaction**:

* Log salary/deposits with payee details
* Track irregular income sources
* Forecast future cash flow

3. Budget Goals

**Screens**: Goal Dashboard, Progress Thermometer, Alert Settings  
**Interaction**:

* Set monthly spending targets
* Visualize progress with color coding
* Receive overspending warnings

4. Bill Reminders

**Screens**: Bill Calendar, Due Date Notifications, Auto-Pay Setup  
**Interaction**:

* Get payment alerts 3 days in advance
* Schedule automatic payments
* Track payment history

5. Reports/Graphs

**Screens**: Spending Trends, Income vs Expense, Net Worth  
**Interaction**:

* Generate custom date-range reports
* Compare monthly spending patterns
* Export visual charts

6. Account Linking

**Screens**: Bank Connection Wizard, Sync Status, Error Resolver  
**Interaction**:

* Connect checking/savings/credit accounts
* Fix broken connections
* Control sync frequency

7. Debt Tracking

**Screens**: Loan Dashboard, Payoff Calculator, Interest Analyzer  
**Interaction**:

* Track all debts in one place
* Test payoff scenarios
* View interest cost breakdowns

8. Savings Goals

**Screens**: Goal Visualizer, Contribution Planner, Milestone Tracker  
**Interaction**:

* Create targeted savings buckets
* Set up automatic transfers
* Celebrate goal achievements

9. Tax Categories

**Screens**: Deduction Manager, Year-End Summary, CPA Export  
**Interaction**:

* Tag tax-deductible expenses
* Generate IRS-ready reports
* Estimate quarterly taxes

10. Export Data

**Screens**: Export Wizard, Format Selector, Archive Manager  
**Interaction**:

* Download CSV/PDF/QBO files
* Schedule automatic backups
* Encrypt sensitive exports