# 8. SCREENS

## 8.1 Authentication Screens

### 8.1.1 Login Screen

**URL:** /login – Centered authentication form with email/password inputs and form validation.

**Components:** Email input, Password input, Remember Me checkbox, Sign In button, Forgot Password link

### 8.1.2 Registration Screen

**URL:** /register – User registration with password strength indicator.

**Components:** Name input, Email input, Password input (with strength meter), Confirm Password, Terms checkbox

## 8.2 Dashboard & Navigation

### 8.2.1 Main Dashboard

**URL:** /dashboard – Central hub with statistics, recent activity, and quick actions.

**Layout:** Sidebar (left, 250px), Header (top, with profile dropdown), Content area (main)

**Components:** Stats cards (4), Recent activity list, Quick action buttons, Navigation sidebar

## 8.3 Academic Management Screens

### 8.3.1 Universities List

**URL:** /universities – Card layout of universities with search and filter.

**Features:** Search/filter, Card grid, Add/Edit/Delete (admin), View associated courses

### 8.3.2 Course List

**URL:** /courses?university_id=X – Courses organized by university with breadcrumbs.

**Features:** Breadcrumbs, Filter by university, Course cards, Semester navigation

### 8.3.3 Subject Detail

**URL:** /subjects/[id] – Comprehensive subject view with tabbed interface.

**Tabs:** Overview, Syllabus, Documents (with upload), Chat, Analytics

## 8.4 Document Management Screens

### 8.4.1 Document Upload Interface

**URL:** /subjects/[id]?tab=documents – Drag-and-drop upload with real-time progress.

**Components:** Dropzone, Upload queue (progress bars), Document list table, Filter/search

### 8.4.2 Syllabus Viewer

**URL:** /subjects/[id]?tab=syllabus – Hierarchical display of extracted syllabus.

**Features:** Accordion units, Expand/collapse all, Edit mode (admin), Export to PDF

## 8.5 Chat Interface

### 8.5.1 Chat Screen

**URL:** /chat/[subjectId]?session=[sessionId] – AI-powered chat with document citations.

**Layout:** Sessions sidebar (250px), Chat area (flex), Citation panel (300px, collapsible)

**Components:** Session list, Message bubbles (markdown), Input box, Citation cards, Typing indicator

**Features:** Real-time streaming (SSE), Markdown rendering, Code syntax highlighting

### 8.5.2 Chat Session Management

**Features:** Session list, Search sessions, New session button, Delete with confirmation

## 8.6 Analytics Dashboard

### 8.6.1 Analytics Overview

**URL:** /analytics – Usage metrics and trends visualization.

**Charts:** Daily active users (line), Documents uploaded (bar), Chat by subject (pie), API calls (area)

**Components:** Stats cards, Charts (Recharts), Leaderboard table, Date range picker, Export CSV

## 8.7 Admin Panel

### 8.7.1 User Management

**URL:** /admin/users – User administration with role management.

**Features:** User table (sortable), Search/filter, Edit role, Reset password, Delete user, Bulk actions

### 8.7.2 System Settings

**URL:** /admin/settings – System-wide configuration interface.

**Sections:** General, Authentication, File Upload, AI Config, Rate Limits, Email, Advanced

### 8.7.3 Audit Logs

**URL:** /admin/audit-logs – Read-only administrative action logs.

**Features:** Filterable table, Date range filter, Action type filter, JSON diff viewer, Export CSV

## 8.8 Responsive Design

All screens support three breakpoints: mobile (320px-767px), tablet (768px-1023px), and desktop (1024px+). Mobile collapses sidebar to hamburger menu and stacks content vertically.