

Algoritma Sistem – Sesi 1 (Frontend)

1. Autentikasi & Persistensi Token
 - Login berhasil !' backend kirim JWT.
 - Token disimpan di localStorage.
 - Axios instance otomatis menambah header Authorization.
2. Routing & Proteksi Halaman
 - React Router menentukan rute (public vs private).
 - Komponen PrivateRoute cek token; jika tidak ada !' redirect /login.
3. State Global User
 - Data user (id, username, role) disimpan di Context/Redux.
4. Dashboard Dokumen (GET + Pagination)
 - Fetch GET /documents?page=1&limit=10.
 - Response ditampilkan sebagai kartu + kontrol paginasi.
5. Dynamic inputSets
 - State array inputSets; tiap tambah baris mewarisi tipePengujian.
 - Validasi sebelum submit; kirim sebagai JSON.
6. Upload / Replace File ke Cloudinary
 - FormData.append("file", file, file.name).
 - Replace: sertakan documentId.
7. Download File
 - Jika filePath http/https !' window.open(filePath).
 - Browser mobile akan preview PDF (perilaku default).
8. Penghapusan Placeholder / Dokumen
 - DELETE /documents/:id !' state dihapus; backend hapus file Cloudinary.
9. Activity Log View
 - GET /activity-logs !' tabel kronologis.
10. Error & Alert Handling
 - Snackbar MUI untuk success/error.
 - Axios interceptor: 401 !' logout.