

# 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.