

# KEAMANAN KOMPUTER/KRIPTOGRAFI

## TUGAS 2 KELOMPOK



OLEH KELOMPOK :

- **202232 Musakkir Nompo**  
Kelas : (5TKKO-H) Pindahan Dari Kelas (5TKKO-G)
- **202260 Muh. Imran Amrullah**  
Kelas : (5TKKO-H)
- **202258 Rahmat Ramadhan Abustam**  
Kelas : (5TKKO-H)

PROGRAM STUDI TEKNIK INFORMATIKA

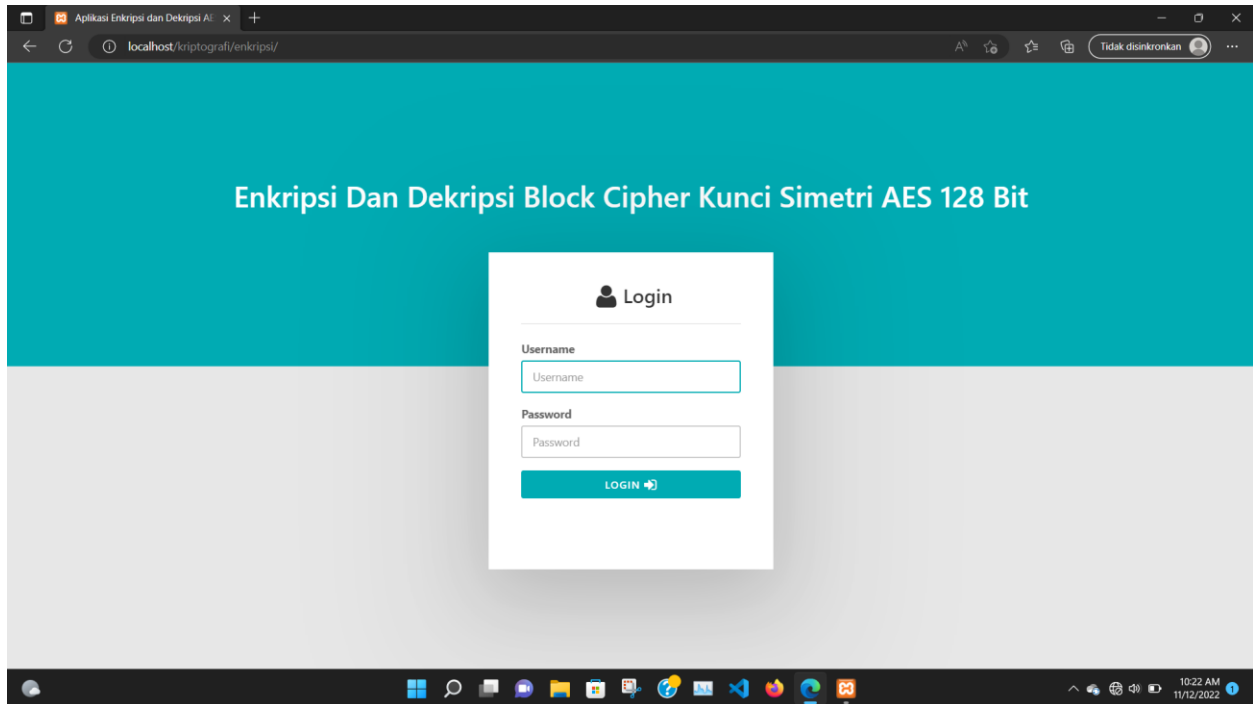
UNIVERSITAS DIPA MAKASSAR

2022

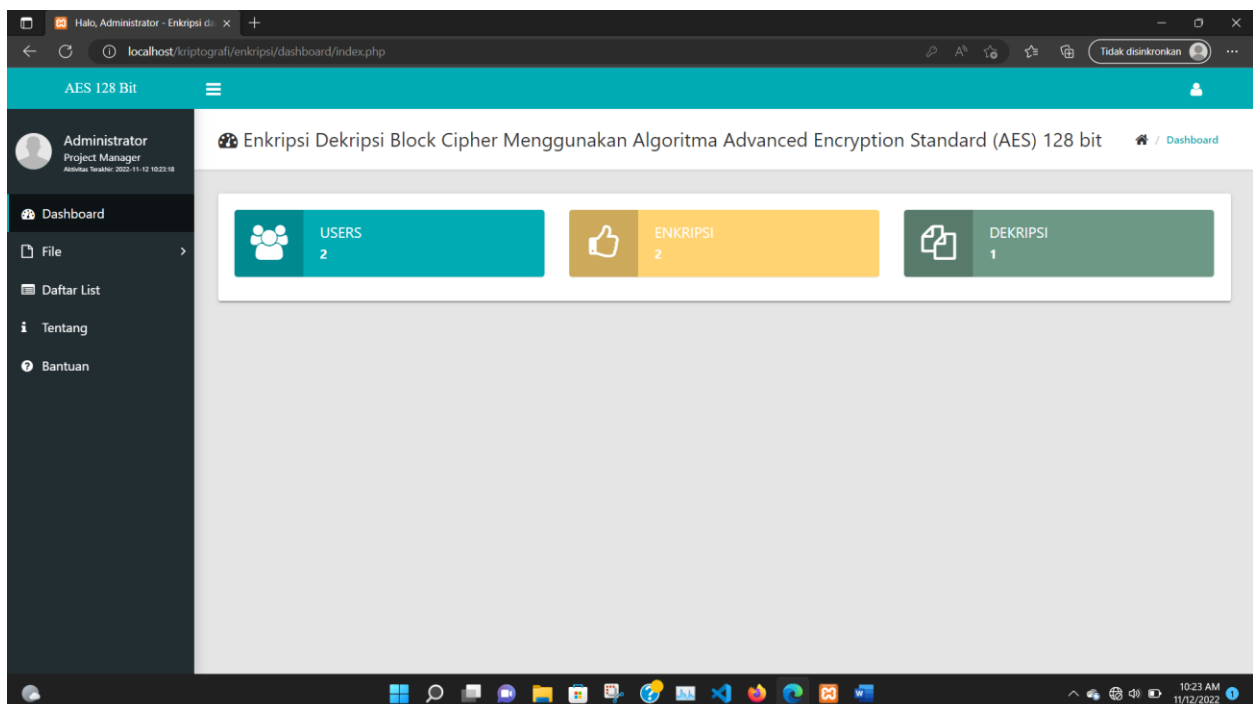
Link Youtube : [Advanced Encryption Standard \(AES\) 128 Bit - YouTube](#)

Link Github Source Code : [sakkir31/block-chiper-aes: WEB Aplication AES 128 bit encrypt/decrypt With PHP 5., mysql \(github.com\)](#)

### Tampilan Login



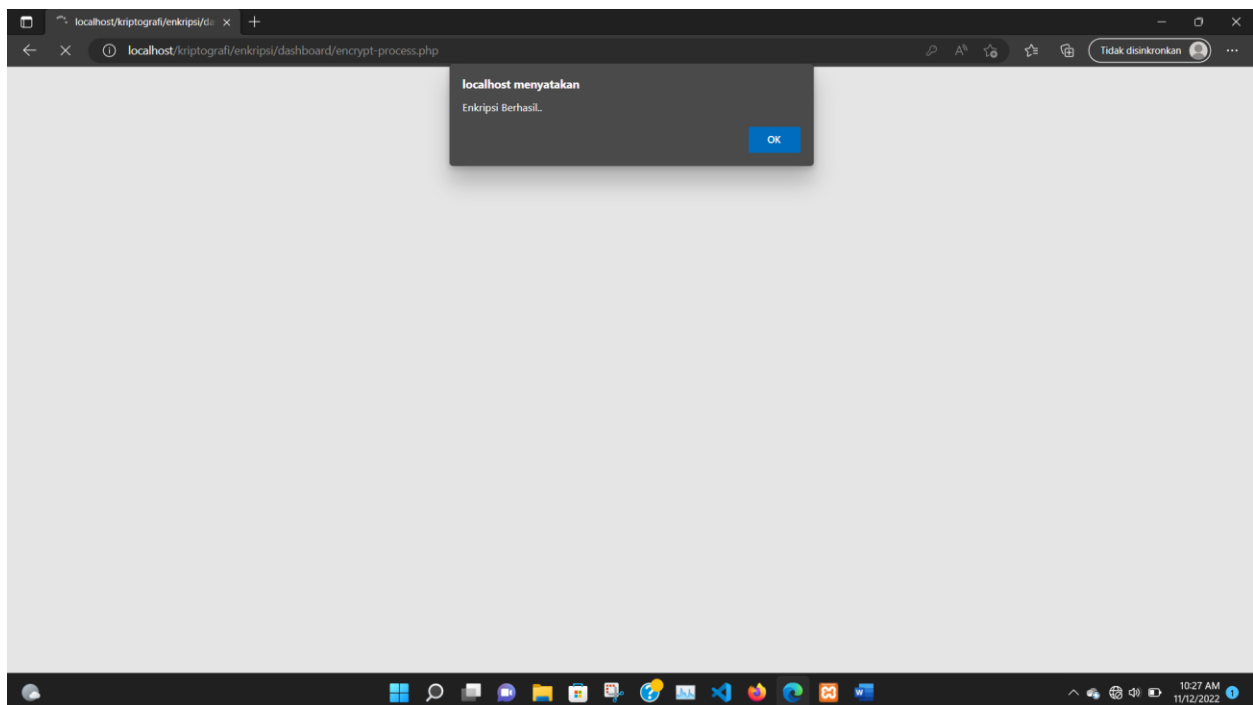
### Tampilan Dashboard



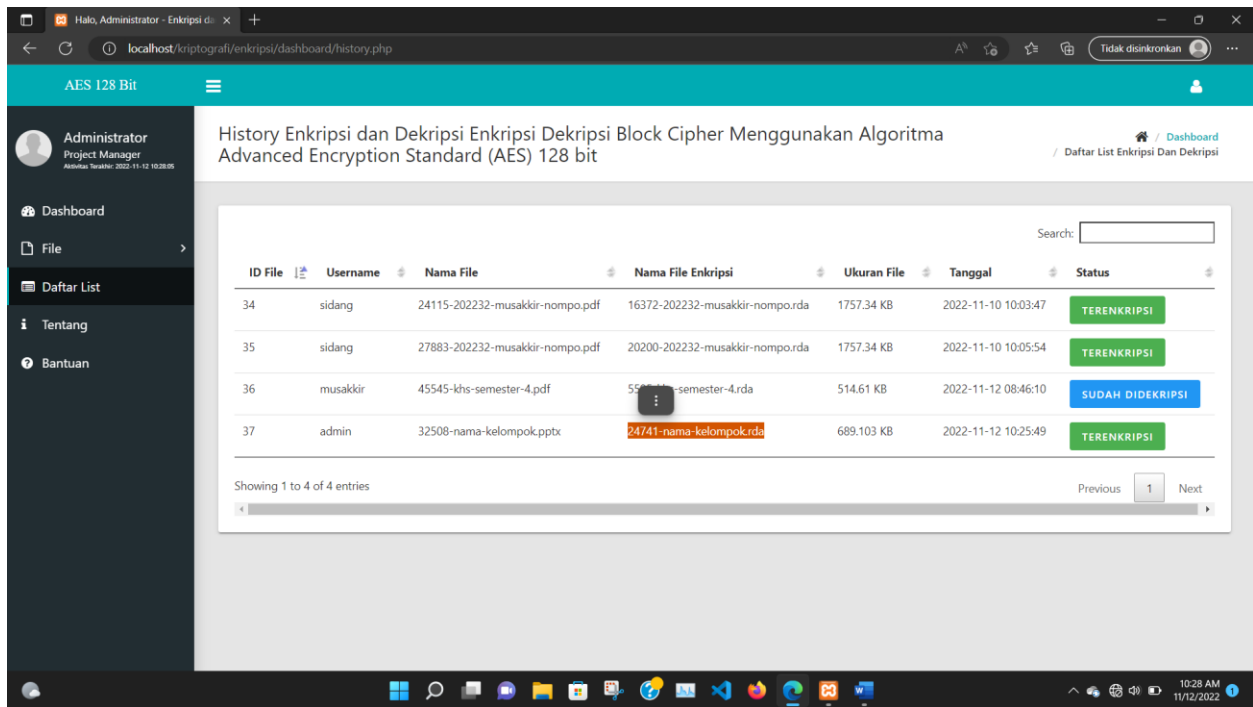
## Menu Enkripsi

The screenshot shows a web browser window with the URL `localhost/kriptografi/enkripsi/dashboard/encrypt.php`. The page has a teal header with 'AES 128 Bit' and a user profile icon. A dark sidebar on the left contains a menu with 'Administrator Project Manager' at the top, followed by 'Dashboard', 'File', 'Enkripsi', 'Dekripsi', 'Daftar List', 'Tentang', and 'Bantuan'. The main content area is titled 'Form Enkripsi Menggunakan Algoritma Advanced Encryption Standard (AES) 128 bit'. Below the title is a form with the following fields: 'Tanggal' (2022-11-12), 'File' (with a 'Pilih File' button and the text 'Nama Kelompok.pptx'), 'Password' (0003), and 'Deskripsi' (File ppt Nama Kelompok). A teal button labeled 'ENKRIPSI FILE' is at the bottom of the form. The Windows taskbar at the bottom shows the time as 10:25 AM on 11/12/2022.

## Proses Enkripsi



## Status Enkripsi File Dimenu List



Administrator  
Project Manager  
Akses Terakhir: 2022-11-12 10:28:05

History Enkripsi dan Dekripsi Enkripsi Dekripsi Block Cipher Menggunakan Algoritma Advanced Encryption Standard (AES) 128 bit

Daftar List Enkripsi Dan Dekripsi

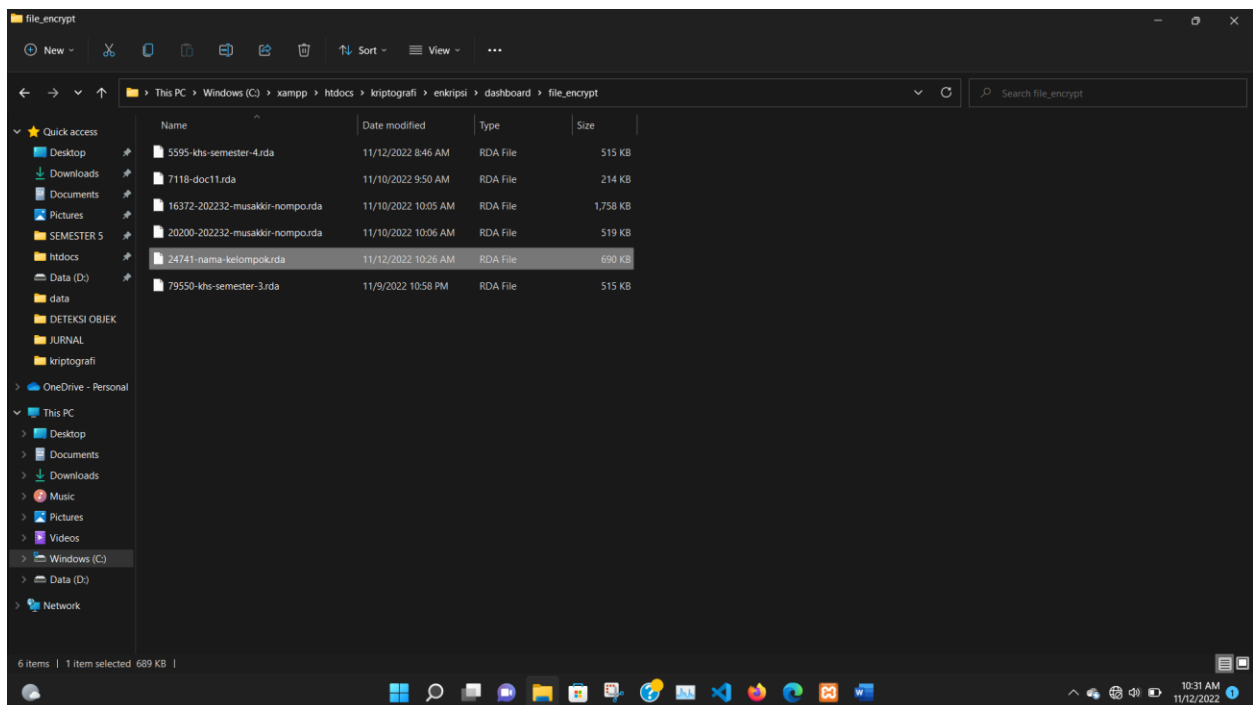
Search:

ID File	Username	Nama File	Nama File Enkripsi	Ukuran File	Tanggal	Status
34	sidang	24115-202232-musakkir-nompo.pdf	16372-202232-musakkir-nompo.rda	1757.34 KB	2022-11-10 10:03:47	TERENKRIPSI
35	sidang	27883-202232-musakkir-nompo.pdf	20200-202232-musakkir-nompo.rda	1757.34 KB	2022-11-10 10:05:54	TERENKRIPSI
36	musakkir	45545-khs-semester-4.pdf	55950-khs-semester-4.rda	514.61 KB	2022-11-12 08:46:10	SUDAH DIDEKRIPSI
37	admin	32508-nama-kelompok.pptx	24741-nama-kelompok.rda	689.103 KB	2022-11-12 10:25:49	TERENKRIPSI

Showing 1 to 4 of 4 entries

Previous 1 Next

## Hasil Enkripsi File Di folder dengan ekstensi file .rda



file\_encrypt

This PC > Windows (C:) > xampp > htdocs > kriptografi > enkripsi > dashboard > file\_encrypt

Search file\_encrypt

Name	Date modified	Type	Size
5595-khs-semester-4.rda	11/12/2022 8:46 AM	RDA File	515 KB
7118-doc11.rda	11/10/2022 9:50 AM	RDA File	214 KB
16372-202232-musakkir-nompo.rda	11/10/2022 10:05 AM	RDA File	1,758 KB
20200-202232-musakkir-nompo.rda	11/10/2022 10:06 AM	RDA File	519 KB
24741-nama-kelompok.rda	11/12/2022 10:26 AM	RDA File	690 KB
79550-khs-semester-3.rda	11/9/2022 10:58 PM	RDA File	515 KB

6 items | 1 item selected 689 KB

Kita Dekripsi file yang telah kita Enkripsi tadi dimen Dekripsi

The screenshot shows a web application interface for AES 128 Bit decryption. The header is teal with the text 'AES 128 Bit' and a user profile icon. The left sidebar is dark grey with a menu: 'Dashboard', 'File' (expanded), 'Enkripsi', 'Dekripsi', 'Daftar List', 'Tentang', and 'Bantuan'. The main content area is titled 'Form Dekripsi Menggunakan Algoritma Advanced Encryption Standard (AES) 128 bit'. It features a search bar and a table with 4 entries. The table columns are: No, Nama File Sumber, Nama File Enkripsi, Path File, Status File, and Aksi. The first three rows have 'Enkripsi' status and a 'DEKRIPSI FILE' button. The fourth row has 'Dekripsi' status and an 'ENKRIPSI FILE' button. A pagination bar at the bottom shows 'Showing 1 to 4 of 4 entries' and 'Previous 1 Next'.

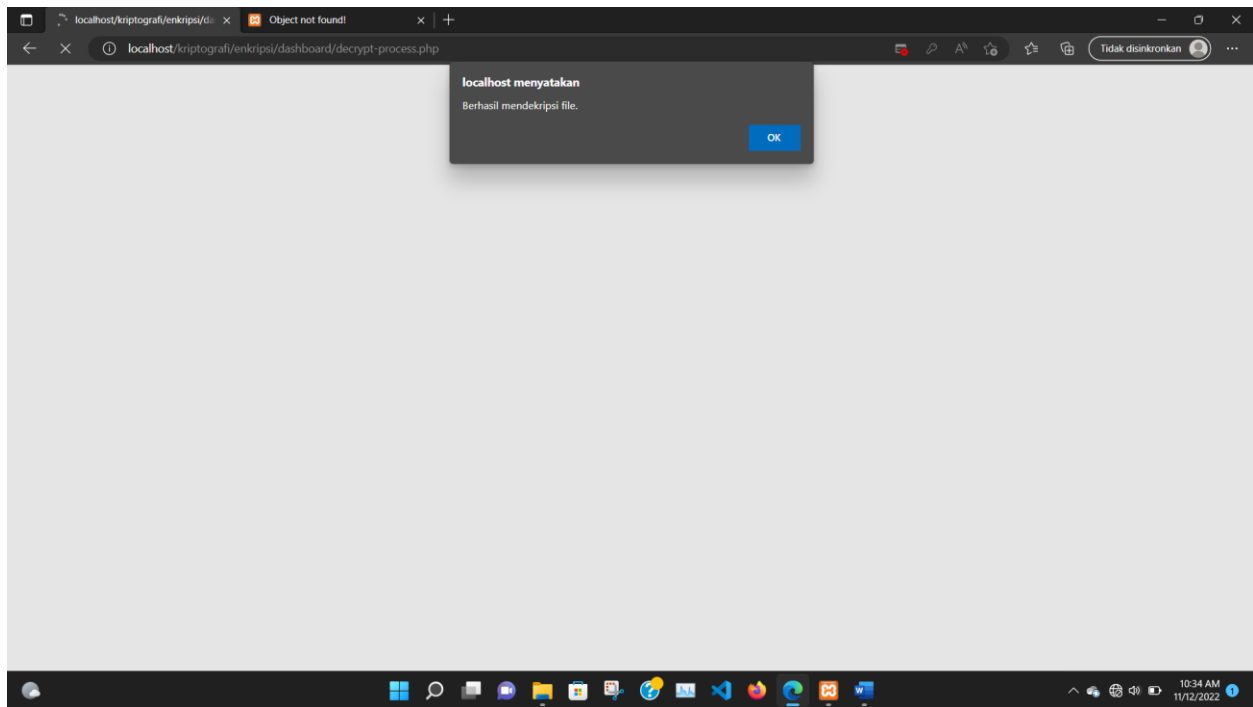
No	Nama File Sumber	Nama File Enkripsi	Path File	Status File	Aksi
1	24115-202232-musakir-nompo.pdf	16372-202232-musakir-nompo.rda	file_encrypt/16372-202232-musakir-nompo.rda	Enkripsi	DEKRIPSI FILE
2	27883-202232-musakir-nompo.pdf	20200-202232-musakir-nompo.rda	file_encrypt/20200-202232-musakir-nompo.rda	Enkripsi	DEKRIPSI FILE
3	45545-khs-semester-4.pdf	5595-khs-semester-4.rda	file_encrypt/5595-khs-semester-4.rda	Dekripsi	ENKRIPSI FILE
4	32508-nama-kelompok.pptx	24741-nama-kelompok.rda	file_encrypt/24741-nama-kelompok.rda	Enkripsi	DEKRIPSI FILE

Kita Dekripsi Menggunakan kunci

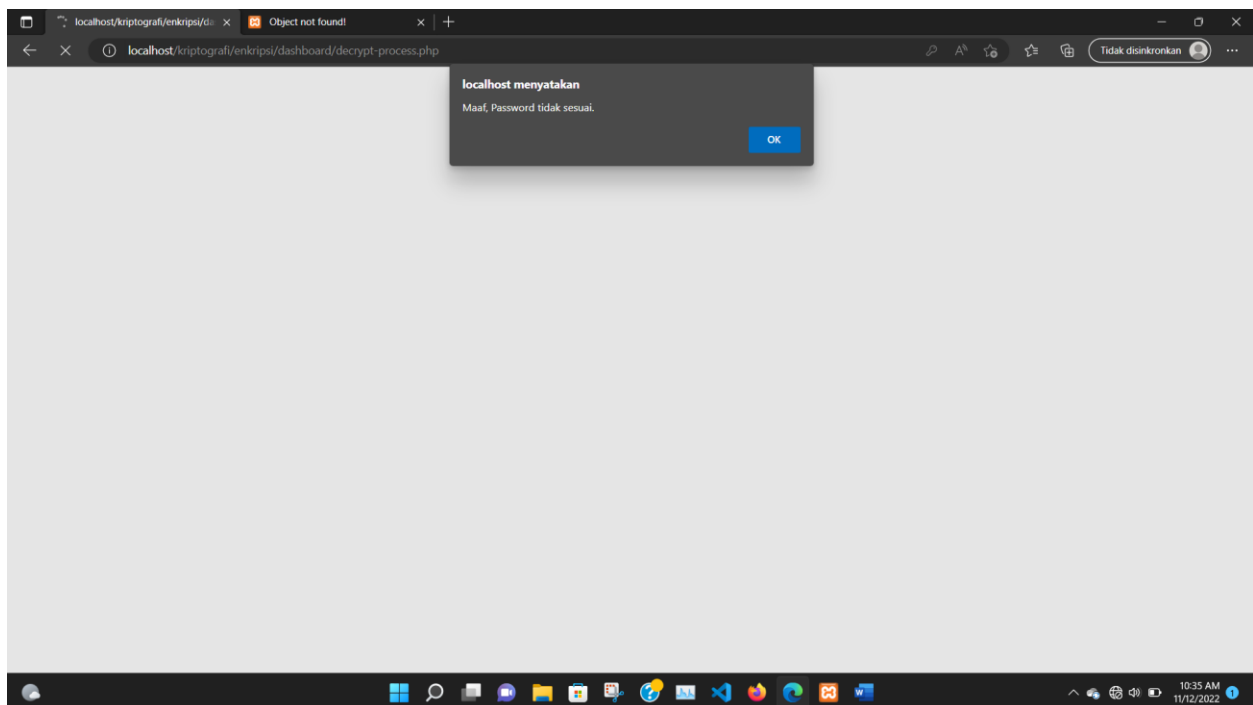
The screenshot shows the same web application interface, but now displaying the decryption process for the file '24741-nama-kelompok.rda'. The main content area is titled 'Form Dekripsi Menggunakan Algoritma Advanced Encryption Standard (AES) 128 bit'. Below the title, it says 'Dekripsi File 24741-nama-kelompok.rda'. A form displays the following information: Nama File Sumber: 32508-nama-kelompok.pptx, Nama File Enkripsi: 24741-nama-kelompok.rda, Ukuran File: 689.103 KB, Tanggal Enkripsi: 2022-11-12 10:25:49, and Keterangan: File ppt Nama Kelompok. At the bottom, there is a field 'Masukkan Password Untuk Mendekrip' with the value '0003' and a 'DEKRIPSI FILE' button.

Field	Value
Nama File Sumber	32508-nama-kelompok.pptx
Nama File Enkripsi	24741-nama-kelompok.rda
Ukuran File	689.103 KB
Tanggal Enkripsi	2022-11-12 10:25:49
Keterangan	File ppt Nama Kelompok

## Proses Dekripsi Berhasil



## Jika Kunci Salah Akan Tampil Seperti ini



## Tampilan Status Enkripsi/Dekripsi

The screenshot shows a web application interface for AES 128 Bit encryption/decryption. The title bar indicates 'AES 128 Bit'. The main heading is 'History Enkripsi dan Dekripsi Enkripsi Dekripsi Block Cipher Menggunakan Algoritma Advanced Encryption Standard (AES) 128 bit'. The interface includes a sidebar with navigation options: Dashboard, File, Daftar List, Tentang, and Bantuan. The main content area displays a table of encryption/decryption history with columns: ID File, Username, Nama File, Nama File Enkripsi, Ukuran File, Tanggal, and Status. The table contains four entries, each with a status button: 'TERENKRIPSI' (green) or 'SUDAH DIDEKRIPSI' (blue). A search bar is located at the top right of the table. The bottom of the interface shows a Windows taskbar with the time 10:36 AM on 11/12/2022.

ID File	Username	Nama File	Nama File Enkripsi	Ukuran File	Tanggal	Status
34	sidang	24115-202232-musakkr-nompo.pdf	16372-202232-musakkr-nompo.rda	1757.34 KB	2022-11-10 10:03:47	TERENKRIPSI
35	sidang	27883-202232-musakkr-nompo.pdf	20200-202232-musakkr-nompo.rda	1757.34 KB	2022-11-10 10:05:54	TERENKRIPSI
36	musakkr	45545-khs-semester-4.pdf	5595-khs-semester-4.rda	514.61 KB	2022-11-12 08:46:10	SUDAH DIDEKRIPSI
37	admin	32508-nama-kelompok.pptx	24741-nama-kelompok.rda	689.103 KB	2022-11-12 10:25:49	SUDAH DIDEKRIPSI

## CONTOH HASIL ENKRIPSI DEKRIPSI

The screenshot displays two side-by-side Windows File Explorer windows. The left window, titled 'file\_decrypt', shows the contents of the 'dashb...' folder, listing files such as '32276-doc11', '32508-nama-kelompok', '45545-khs-semester-4', and '97626-khs-semester-3'. The right window, titled 'file\_encrypt', shows the contents of the 'dashb...' folder, listing files such as '5595-khs-semester-4.rda', '7118-doc11.rda', '16372-202232-musakkr-nompo.rda', '20200-202232-musakkr-nompo.rda', '24741-nama-kelompok.rda', and '79550-khs-semester-3.rda'. Both windows show the file names, dates modified, types, and sizes. The taskbar at the bottom shows the time 11:26 AM on 11/12/2022.