



II3140 Web and Mobile  
Application Development



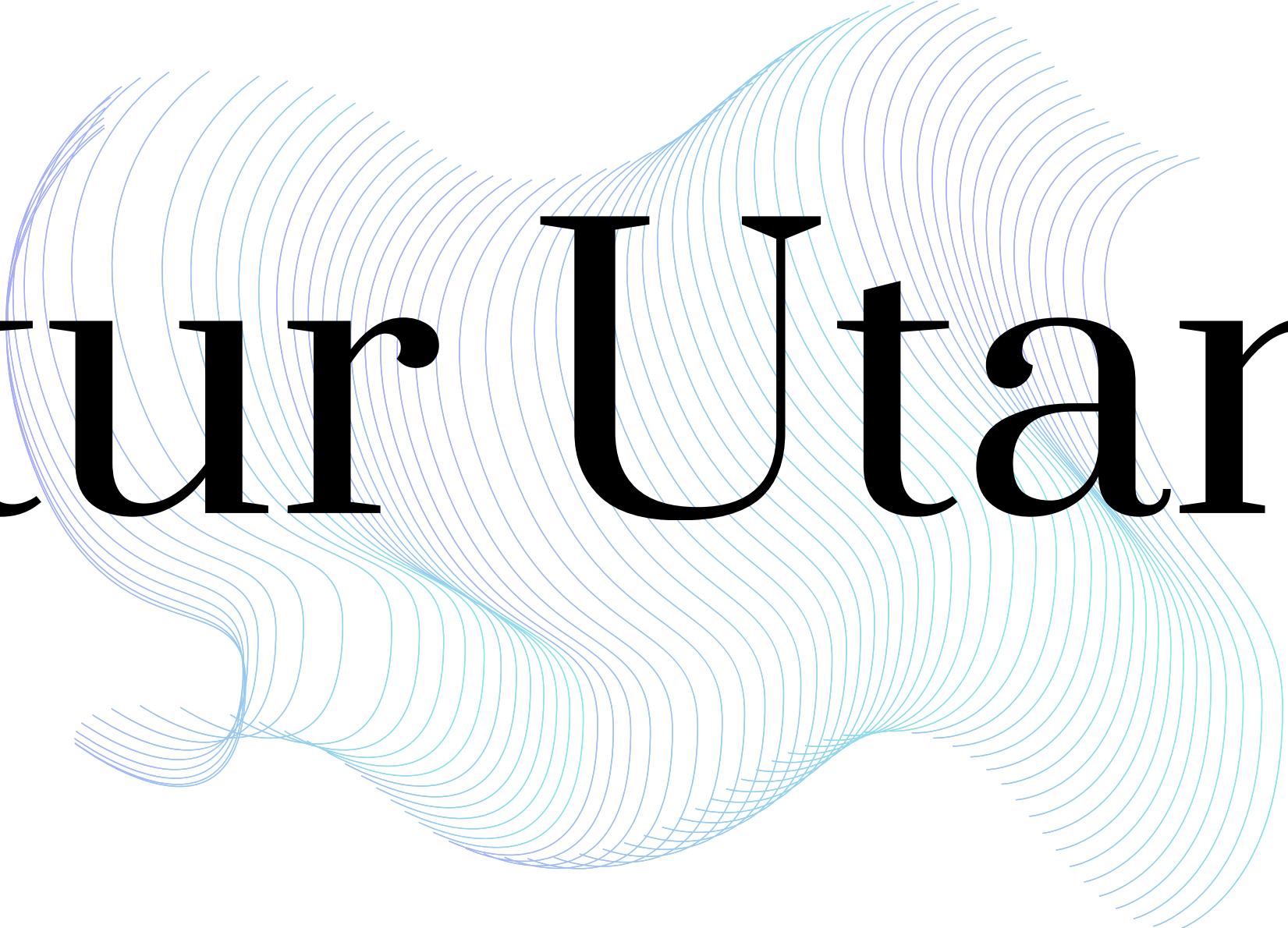
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# Apa itu PhishX?

PhishX adalah simulator berbasis web yang dirancang untuk membantu mahasiswa mengenali serta menghindari serangan phishing melalui pengalaman langsung yang aman. Simulator ini menampilkan email palsu yang menyerupai sumber resmi serta menyediakan kuis interaktif untuk melatih kemampuan deteksi phishing.



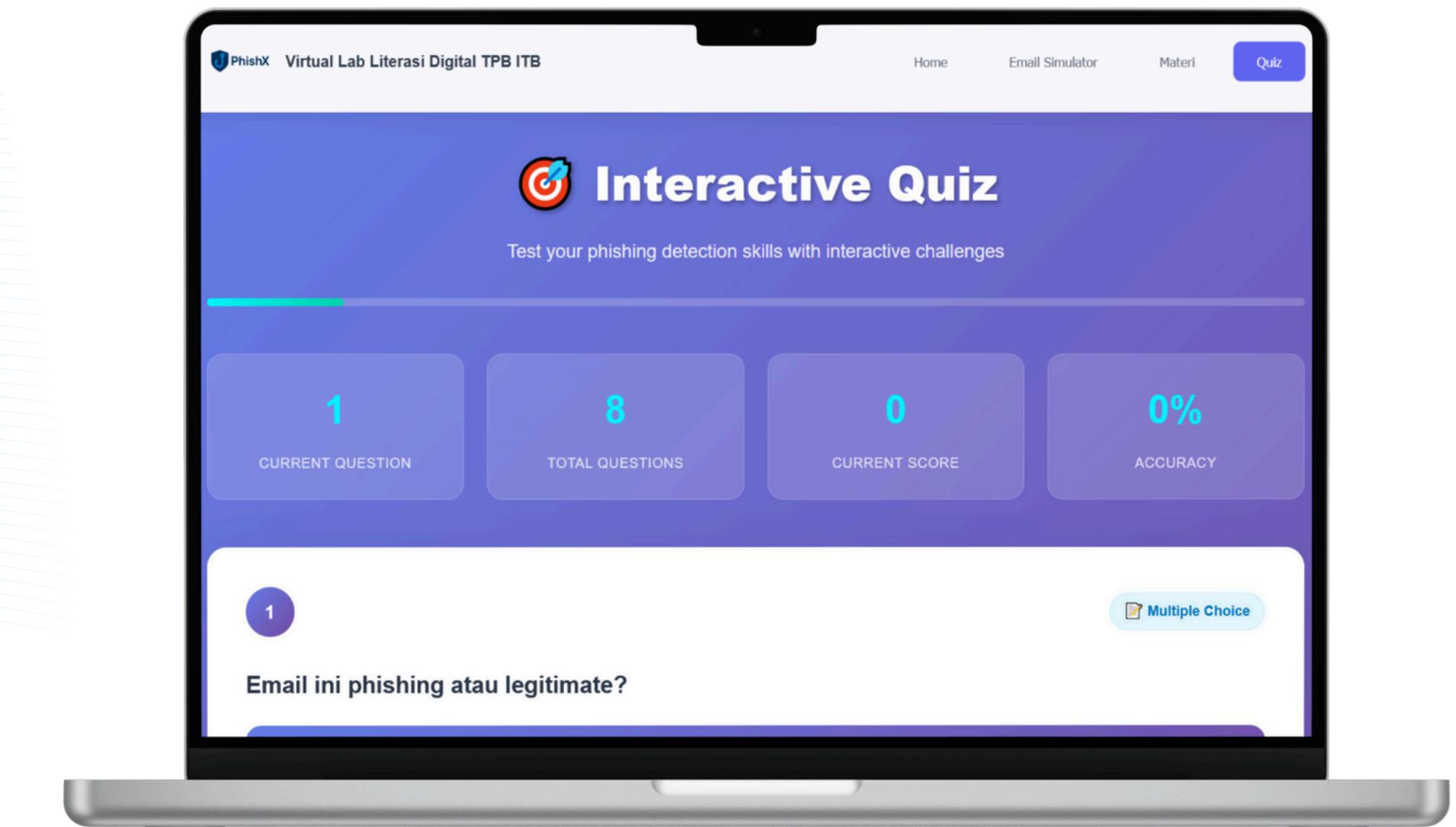
Fitur Utama

# Interactive Quiz

Multiple choice

Drag-and-drop

Scenario-based

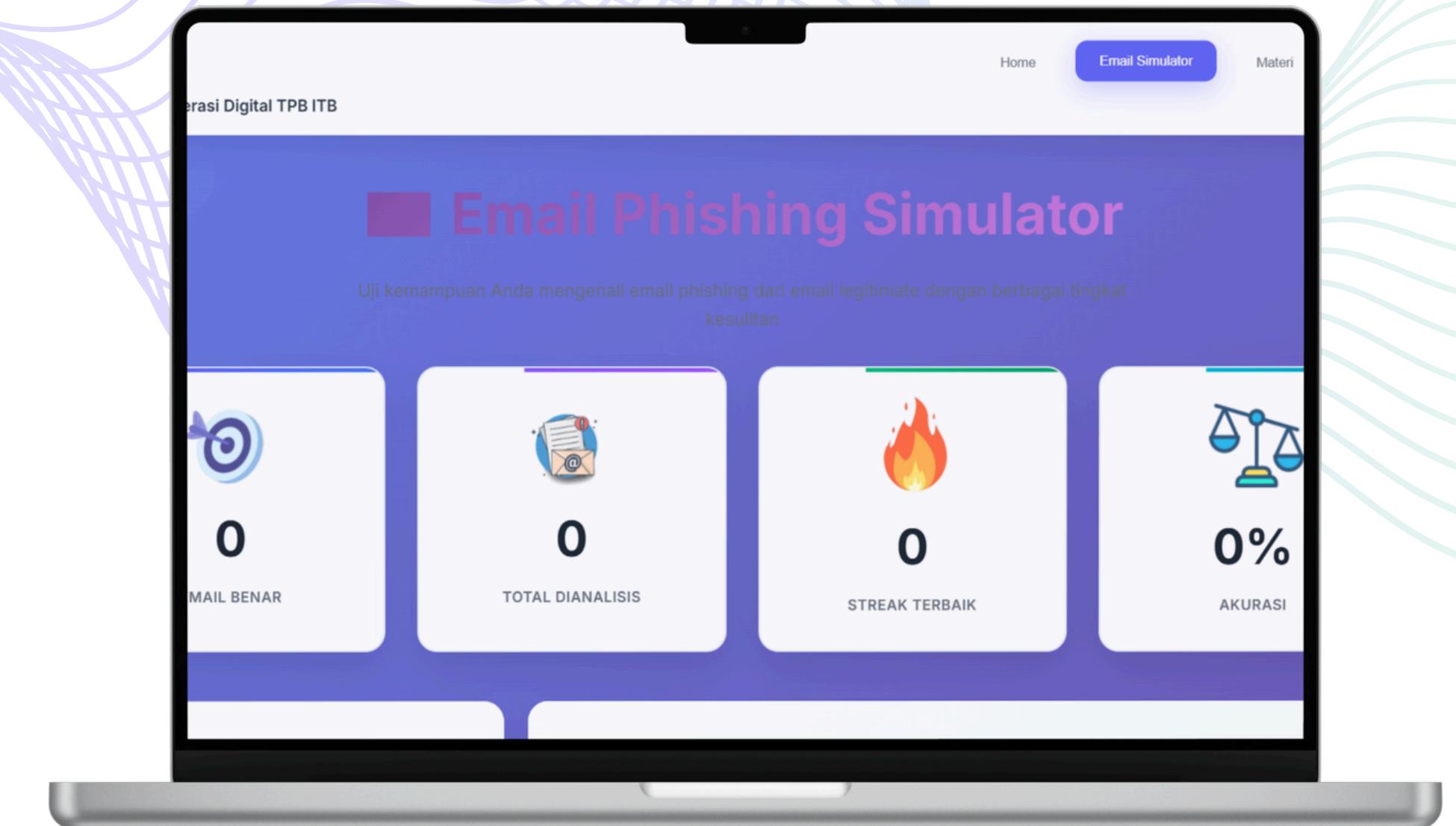


# Email Phishing Simulator

Fake inbox  
(legit vs phishing)

Score system

Proyek

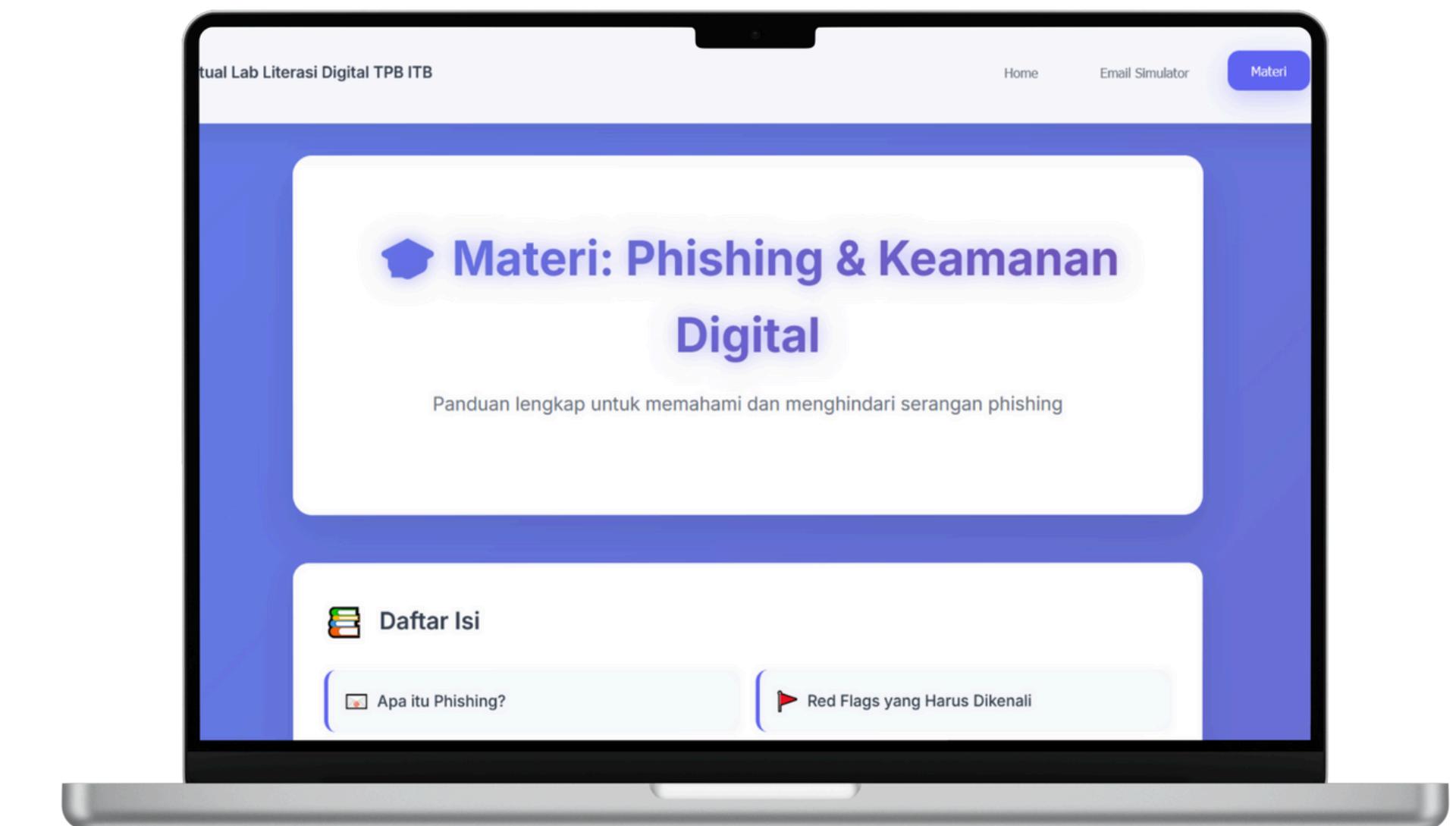


# Educational Dashboard

Statistik deteksi  
phishing

Modul  
pembelajaran & tips

Studi kasus  
phishing nyata



# Teknologi Implementasi



## HTML 5

Struktur halaman, penggunaan elemen semantik (<article>, <section>).



## CSS 3

Animasi, warning, desain responsive, tampilan fake inbox.

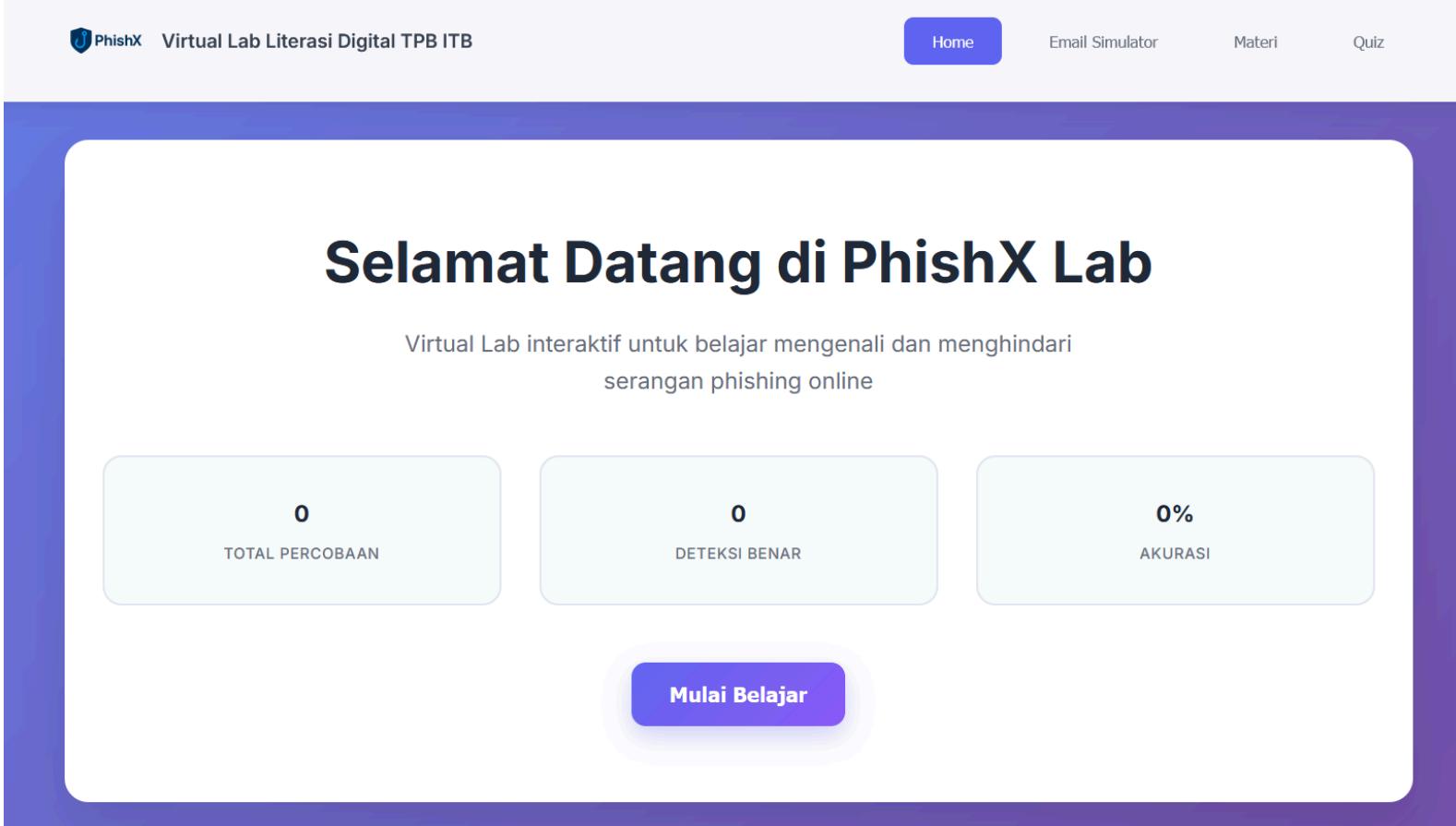


## JavaScript

Logic kuis, sistem skor, dynamic content, modul edukasi.

# Dokumentasi

🔗 <https://phishx.vercel.app/>



Selamat Datang di PhishX Lab

Virtual Lab interaktif untuk belajar mengenali dan menghindari serangan phishing online

0 TOTAL PERCOBAAN

0 DETEKSI BENAR

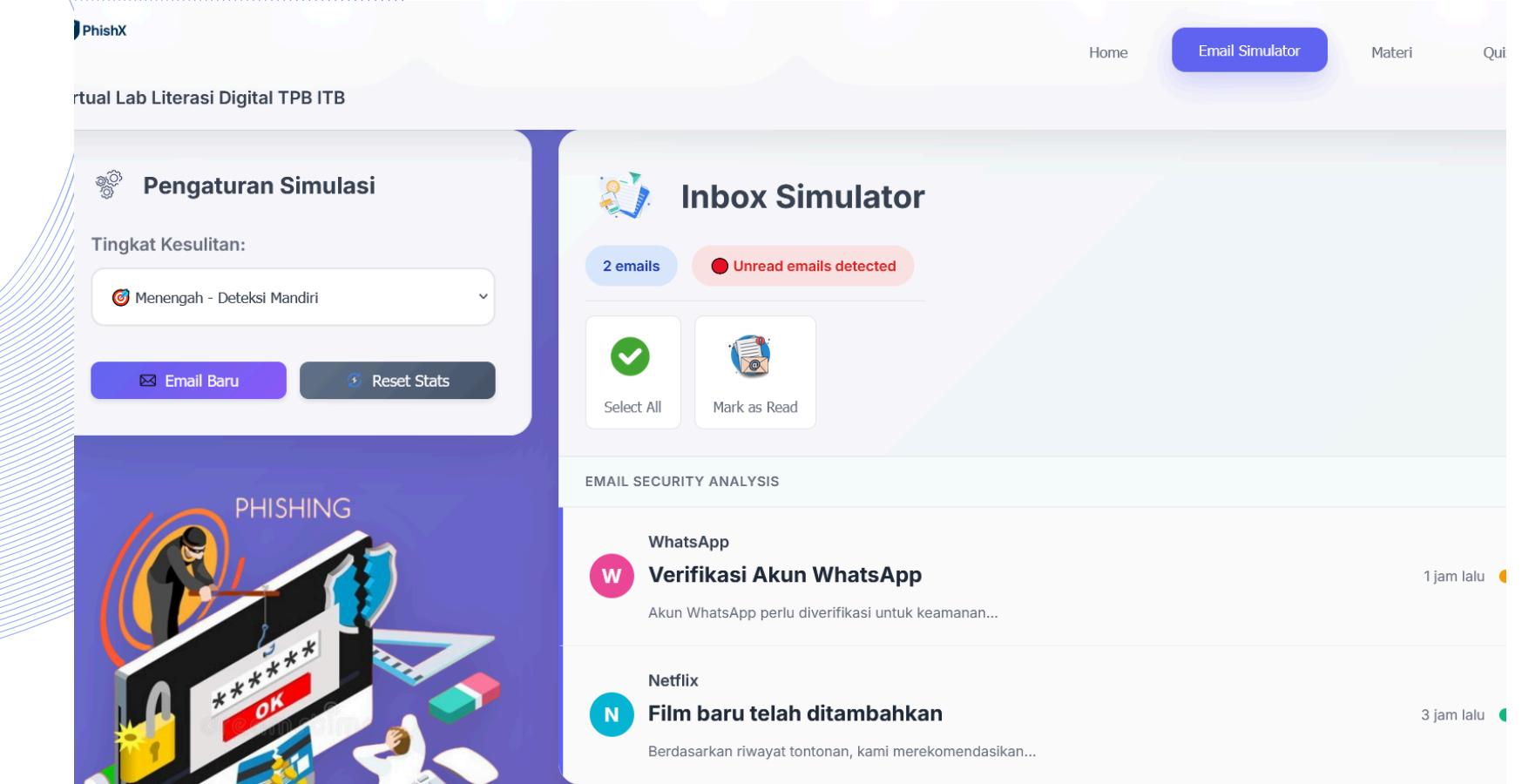
0% AKURASI

**Mulai Belajar**



# Homepage

# Simulasi Email Phising



PhishX

Virtual Lab Literasi Digital TPB ITB

Home Email Simulator Materi Quiz

**Pengaturan Simulasi**

Tingkat Kesulitan:

Menengah - Deteksi Mandiri

Email Baru Reset Stats

**Inbox Simulator**

2 emails Unread emails detected

Select All Mark as Read

EMAIL SECURITY ANALYSIS

WhatsApp Verifikasi Akun WhatsApp

Akun WhatsApp perlu diverifikasi untuk keamanan...

1 jam lalu

Netflix Film baru telah ditambahkan

Berdasarkan riwayat tontonan, kami merekomendasikan...

3 jam lalu

## Pengaturan Simulasi

Tingkat Kesulitan:

- Menengah - Deteksi Mandiri
- Pemula - Ada Petunjuk Red Flags
- Menengah - Deteksi Mandiri**
- Expert - Phishing Canggih

←

### Email Analysis

From: Netflix <info@netflix.com>  
Film baru telah ditambahkan  
3 jam lalu

Halo,

Film dan series baru telah ditambahkan:

- Stranger Things Season 4
- The Crown Season 5

Selamat menonton!

Tim Netflix

Your Classification

Based on your analysis, classify this email:

- Legitimate This email is safe and genuine
- Phishing This email is suspicious

### Tips Keamanan

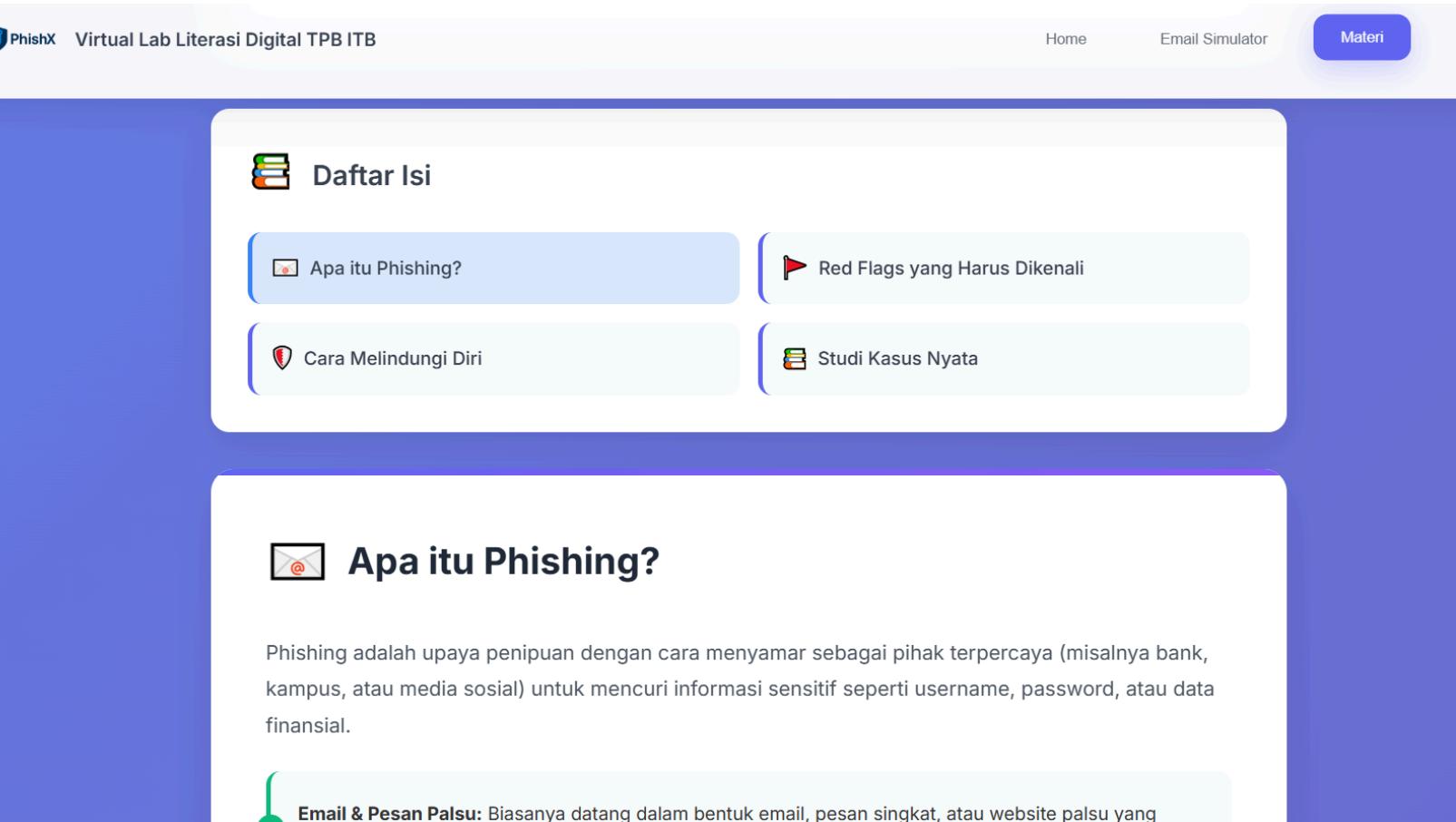
**Hover Sebelum Klik**  
Arahkan mouse ke link untuk melihat URL tujuan sebenarnya sebelum diklik.

Sebelum 3/8 Berikut

# Pilih Tingkat Kesulitan

# Analisis Email

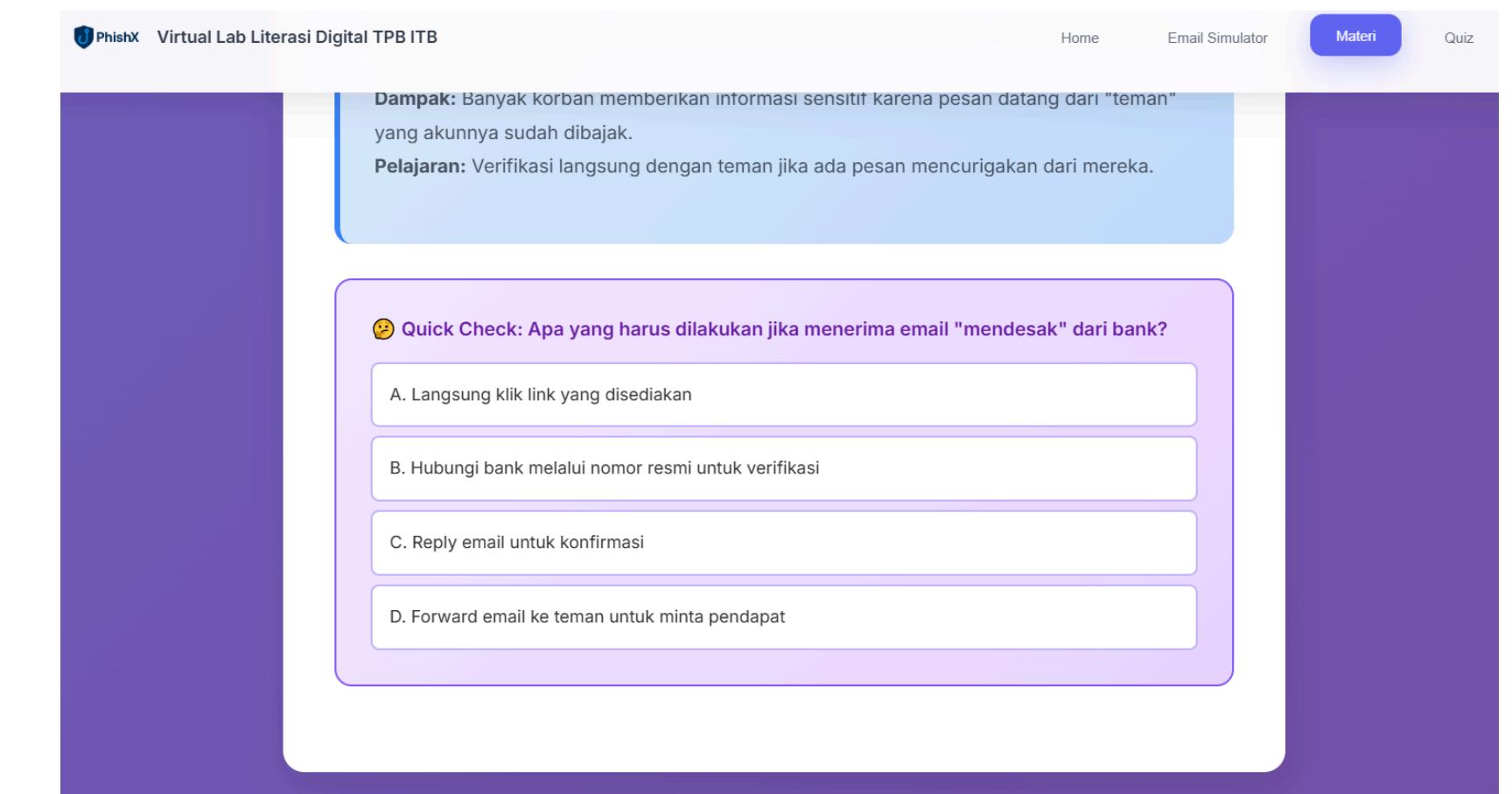
# Mini Notes



The screenshot shows the 'Materi' section of the PhishX platform. At the top, there's a navigation bar with links for Home, Email Simulator, Materi (which is currently selected), and Quiz. Below the navigation is a sidebar titled 'Daftar Isi' containing four items: 'Apa itu Phishing?', 'Red Flags yang Harus Dikenali', 'Cara Melindungi Diri', and 'Studi Kasus Nyata'. The main content area features a large heading 'Apa itu Phishing?' with a mail icon. Below it is a detailed description of what phishing is and a note about fake emails.

# Mini Quiz

# Daftar Isi Interaktif



The screenshot shows a 'Quick Check' quiz question. The question asks: 'Apa yang harus dilakukan jika menerima email "mendesak" dari bank?'. The options are:

- A. Langsung klik link yang disediakan
- B. Hubungi bank melalui nomor resmi untuk verifikasi
- C. Reply email untuk konfirmasi
- D. Forward email ke teman untuk minta pendapat

Below the question, there are two boxes: 'Dampak:' and 'Pelajaran:', both containing text related to the consequences and lessons learned from phishing attacks.

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Home Email Simulator Materi Quiz

**Email Content**

**From:** security@paypal-verification.com  
**Subject:** URGENT: Verify your PayPal account immediately

Your PayPal account has been temporarily suspended due to suspicious activity. Click the link below to verify your account within 24 hours or it will be permanently closed.

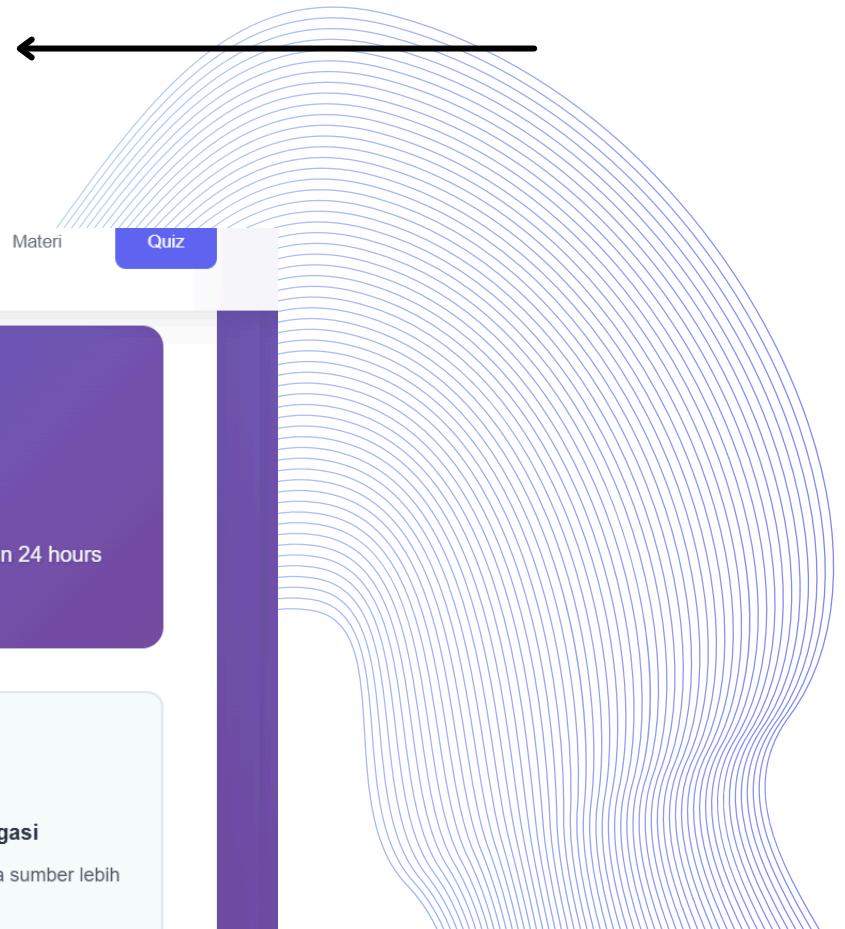
**Legitimate**  
Email ini aman dan asli

**Phishing**  
Email ini mencurigakan dan berbahaya

**Tidak Yakin**  
Perlu analisis lebih lanjut

**Butuh Investigasi**  
Perlu memeriksa sumber lebih detail

Previous Next



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Home Email Simulator Materi Quiz

# Quiz Drag & Drop

3

**Drag & Drop**

Cocokkan red flags berikut dengan contoh yang sesuai:

**Drag Items**

- Bahasa Mendesak
- Domain Mencurigakan
- Kesalahan Tata Bahasa
- Attachment Mencurigakan

**Drop Zones**

**Indikator Bahasa**  
Penggunaan kata-kata seperti "URGENT", "SEGERA", atau kesalahan ejaan

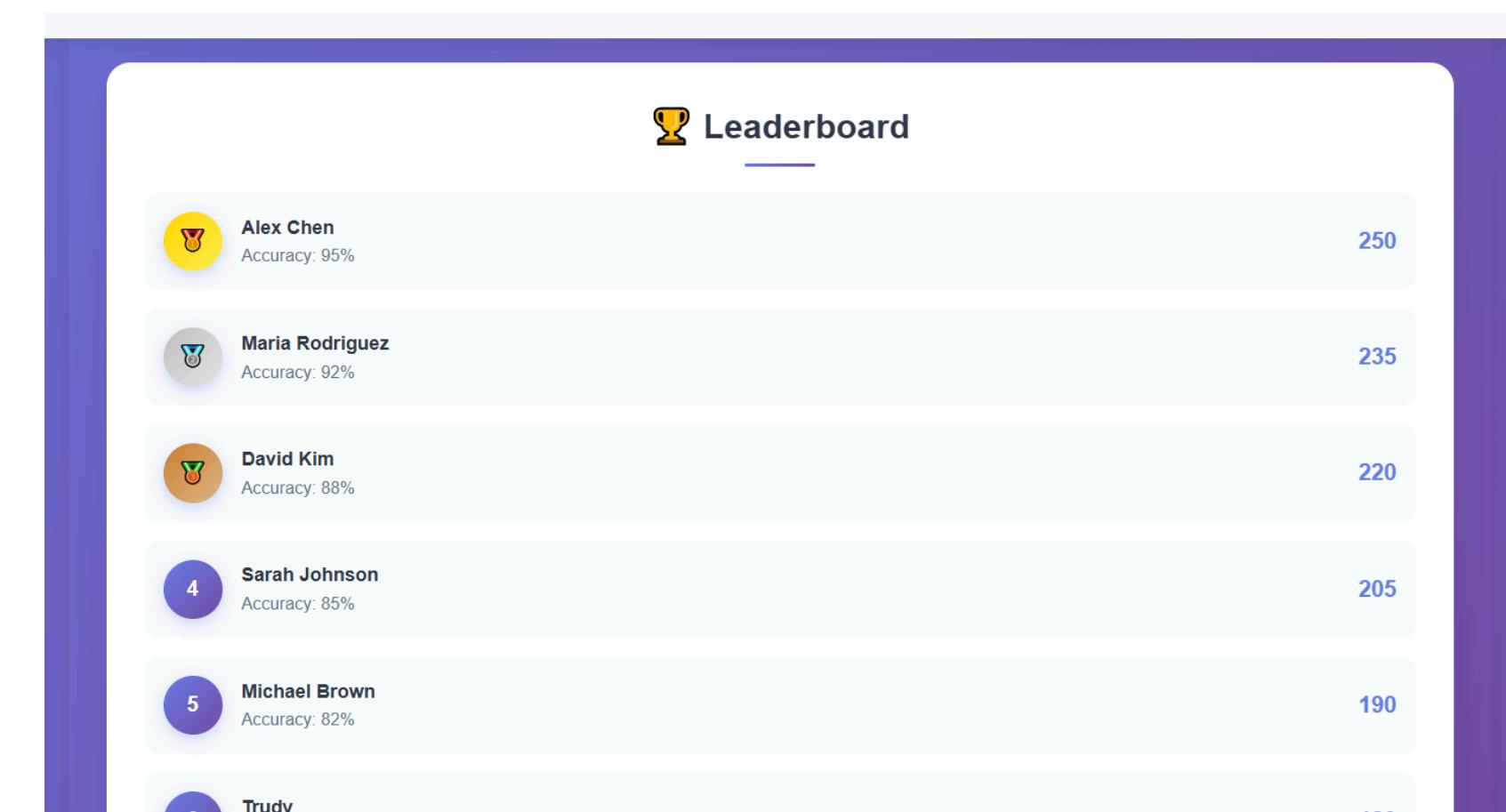
**Indikator Teknis**  
Domain palsu, link mencurigakan, atau file berbahaya



A screenshot of the PhishX mobile application showing quiz results. At the top, there are four status boxes: 'CURRENT QUESTION' (8), 'TOTAL QUESTIONS' (8), 'CURRENT SCORE' (90), and 'ACCURACY' (64%). Below this, a large central box displays the message '🎉 Quiz Completed!' with a 'Good Job!' button underneath. To the left of the message is a 'FINAL SCORE' of 120, to the right is an 'ACCURACY' of 80%, and below that is a 'TIME TAKEN' of 78s. At the bottom are three buttons: 'Retake Quiz', 'View Leaderboard', and 'Share Results'.

# Visualisasi Leaderboard

# Point System



A screenshot of the PhishX mobile application showing a leaderboards screen. The title is '🏆 Leaderboard'. The list displays six users with their scores, accuracy, and profile icons:

Rank	User	Score	Accuracy
1	Alex Chen	250	95%
2	Maria Rodriguez	235	92%
3	David Kim	220	88%
4	Sarah Johnson	205	85%
5	Michael Brown	190	82%
6	Trudy	180	80%

