

2025 DEC 5

# MOMO.

PASSWORD STRENGTH CHECKER

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# Technology

BACKEND

PYTHON

FRONTEND


STREAMLIT

HOSTING

AMAZON EC2  
(AMAZON LINUX)

weak passwords  
contribute to  
81% of data  
breaches.

# OUR SOLUTION



Evaluate and output  
password strength in  
real time

Detects consecutive  
patterns

Detects repeated  
characters

Block common  
passwords

# OUR SOLUTION



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# Live Demo.

[Click Here: LINK](#)

MOMO

PASSWORD STRENGTH

# Problems We Ran Into

escape character when  
/n appears. Solution:  
`print( r ) = raw string`

Coming up with test  
cases with precision

UI Improvements

# Future Improvements

Flexible Password Suggestions

Handeling Weak Password Patterns

Customizable Password Generation

Encryption (Hashing & Salting)

Integrating Other Technologies (Passkey, MFA,  
rate limiting)



Thank you



Which of the following is the strongest password?

☐ Password123

☐ summer2023

☒ T!7v#b9@ZpL

☐ johnDoe21

