

Strong Password Generator Extension

CODE WARRIOR



Problem Statement

ADDRESSING PASSWORD SECURITY

- Users create weak or reused passwords
- This leads to **security breaches**
- There is a **growing need** for a smart and user-friendly password tool
- Our project aims to tackle these issues effectively

Project Objective Overview

GOALS OF OUR TOOL

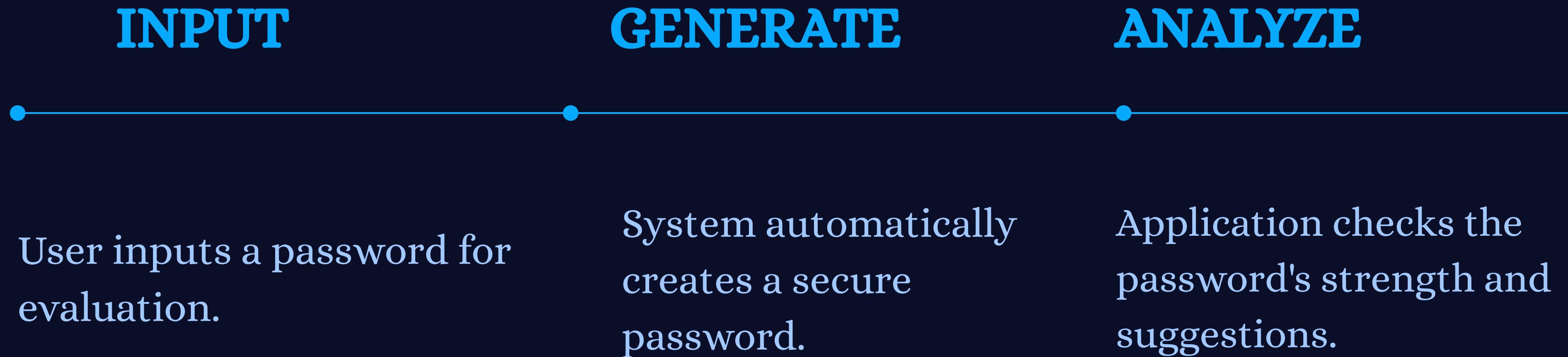
- Generate strong passwords automatically
- Check strength in real time
- Educate users on password safety
- Our tool is designed to empower users by ensuring they have secure passwords and understand best practices for online safety.

Technology Stack Overview

TOOLS AND FRAMEWORKS USED FOR DEVELOPMENT

- Frontend built with HTML, CSS, JavaScript
- Backend powered JavaScript
- Password strength
- Development tools: VS Code, Chrome and GitHub

Work Flow

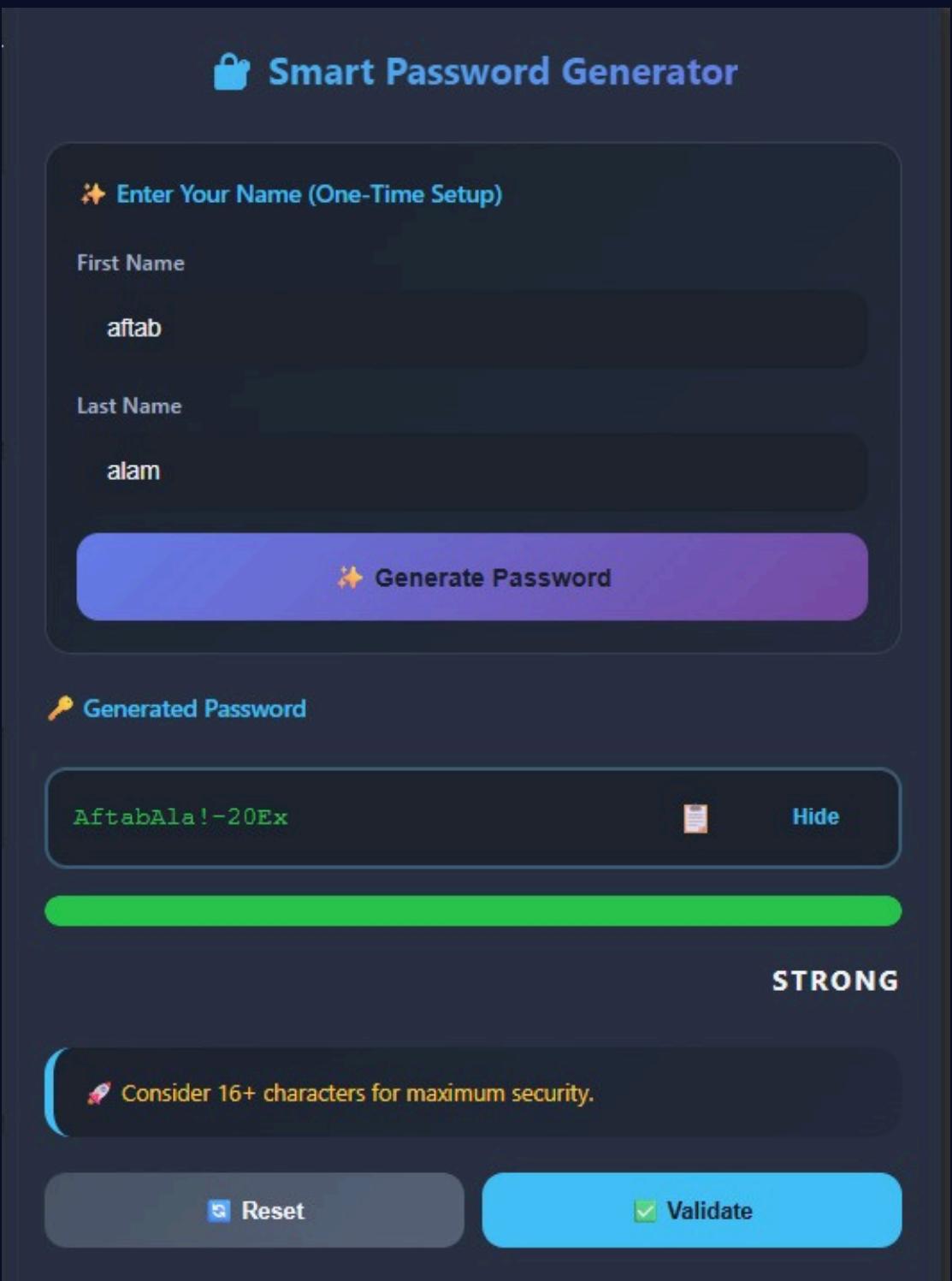


Sample Output: Password Strength and Suggestions

INPUT EXAMPLES

Users receive immediate feedback on password strength.

Suggestions help enhance security, ensuring passwords are both strong and memorable for daily use.



Future Enhancements

AI PREDICTION

Implementing AI-based predictions will enhance password generation by analyzing patterns, ensuring users receive secure and unique passwords effortlessly.

SECURE CLOUD

Introducing a secure cloud vault will allow users to store and manage passwords safely, providing access from any device securely.

CHROME

Developing a mobile app and Chrome extension will enhance convenience, enabling users to generate and check passwords on the go seamlessly.

TEAM MEMBERS

AYUSHMAAN SAXENA

ayushmaansaxena001@gmail.com



VAIBHAV DWIVEDI

vaibhavdwivedio80@gmail.com



AFTAB ALAM

aftabalkhanali@gmail.com



Thank
You for
Your
Attention