

Unable to add text via placeholders



الوكالة الوطنية للأمن السيبراني  
National Cyber Security Agency



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Cyber Security Youth Camp

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# اسم المشروع: Password Analyzer اسم الفريق: +MRBL



```
document.getElementById('passwordForm').addEventListener('submit', function (e) {
  e.preventDefault();

  const firstName = document.getElementById('firstName').value.toLowerCase();
  const lastName = document.getElementById('lastName').value.toLowerCase();
  const dob = document.getElementById('dob').value.replace(/-/g, ""); // Remove hyphens from date
  const location = document.getElementById('location').value.toLowerCase();
  const mobileNumber = document.getElementById('mobileNumber').value;
  const password = document.getElementById('password').value;

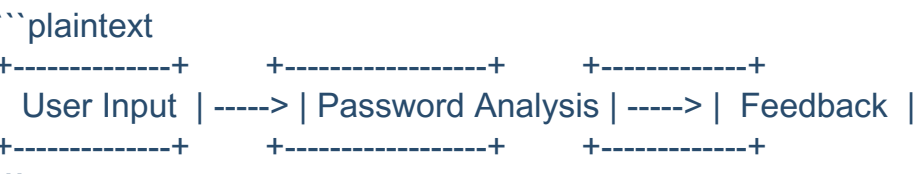
  // Check if the password meets basic criteria
  if (!checkPasswordStrength(password)) {
    displayResult('Password is too weak! ' + suggestPasswordImprovements(password));
    return;
  }

  // Check if the password contains personal information
  if (containsPersonalInfo(password, [firstName, lastName, dob, location, mobileNumber])) {
    displayResult('Password contains personal information like your name, date of birth, or location! Avoid using such information in passwords');
    return;
  }
});

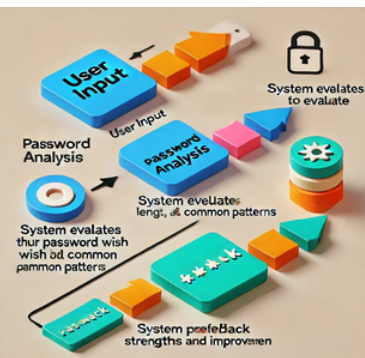
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Password Analyzer</title>
<link rel="stylesheet" href="style.css">
</head>
<body>
<div class="container">
<h1>Password Analyzer</h1>
<form id="passwordForm">
<input type="text" id="firstName" placeholder="First Name" required>
<input type="text" id="lastName" placeholder="Last Name" required>
<input type="date" id="dob" placeholder="Date of Birth" required>
<input type="text" id="location" placeholder="Location" required>
<input type="text" id="mobileNumber" placeholder="Mobile Number" required>
<input type="password" id="password" placeholder="Enter Password" required>
<button type="submit">Analyze Password</button>
<input type="checkbox" id="showPassword"> Show Password
</form>
<div id="result"></div>
</body>
```

1. User Input: The user enters a password they wish to evaluate.
2. Password Analysis: The system analyzes the password based on predefined criteria such as length, complexity, and common patterns.
3. Feedback: The system provides feedback, highlighting strengths and areas for improvement in the password.

#Flowchart:



This architecture ensures a seamless and user-friendly experience, guiding users to create stronger passwords through instant, informative feedback.



## Why We Need a Password Analyzer

- Enhances Security: Strong passwords are the first line of defense against cyber threats. A password analyzer ensures that your passwords are complex and difficult to crack.
- Avoids Personal Information: Using personal information like birthdays or names makes passwords easier to guess. A password analyzer helps identify and eliminate such weaknesses.

