

```

<?php
session_start();

// 生成随机 token
if(empty($_SESSION['verify_token'])) {
    $_SESSION['verify_token'] = bin2hex(random_bytes(32));
}

$token = $_SESSION['verify_token'];

// 处理验证请求
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    header('Content-Type: application/json');

    $card_key = $_POST['card_key'] ?? '';
    if (empty($card_key)) {
        echo json_encode(['code' => 1, 'message' => '卡密不能为空']);
        exit;
    }
}

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// 发起验证请求
$curl = curl_init();
curl_setopt_array($curl, [
    CURLOPT_URL => 'http://localhost/api/verify_card.php', //api 路径
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_POST => true,
    CURLOPT_SSL_VERIFYPEER => false,
    CURLOPT_SSL_VERIFYHOST => false,
    CURLOPT_TIMEOUT => 10,
    CURLOPT_POSTFIELDS => json_encode([
        'api_key' => '7ffc0de5d3951f11889fd57935b2b123', //密钥
        'card_code' => $card_key
    ]),
    CURLOPT_HTTPHEADER => [
        'Content-Type: application/json'
    ]
]);

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$response = curl_exec($curl);
$curl_error = curl_error($curl);
$http_code = curl_getinfo($curl, CURLINFO_HTTP_CODE);

if ($response === false) {
    echo json_encode([
        'success' => false,
        'message' => '验证服务器连接失败: ' . $curl_error
    ]);
}

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    });
} else {
    $result = json_decode($response, true);

    if ($result === null) {
        echo json_encode([
            'success' => false,
            'message' => '服务器响应格式错误',
            'debug' => [
                'raw_response' => $response,
                'http_code' => $http_code
            ]
        ]);
    } else {
        // 根据 API 返回的状态码处理不同情况
        switch($result['code']) {
            case 0: // 成功且卡密有效
                if (isset($result['is_used']) && $result['is_used']) {
                    echo json_encode([
                        'success' => false,
                        'message' => '卡密已被使用',
                        'data' => [
                            'card_key' => $card_key,
                            'status' => '已使用',
                            'activate_time' => $result['activate_time'] ?? '未知',
                            'expire_date' => $result['expire_date'] ?? '未设置',
                            'used_time' => $result['used_time'] ?? '0',
                            'duration_days' => $result['duration_days'] ?? '',
                            'message' => '该卡密已被使用，无法重复使用'
                        ]
                    ]);
                } else {
                    echo json_encode([
                        'success' => true,
                        'message' => '验证成功',
                        'data' => [
                            'card_key' => $card_key,
                            'status' => '有效',
                            'activate_time' => $result['activate_time'] ?? '',
                            'expire_date' => $result['expire_date'] ?? '未设置',
                            'used_time' => $result['used_time'] ?? '0',
                            'duration_days' => $result['duration_days'] ?? '',
                            'message' => $result['message'] ?? '验证成功'
                        ]
                    ]);
                }
            }
        }
    }
}

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        ));
    }
    break;

    case 2: // 卡密已过期
        echo json_encode([
            'success' => false,
            'message' => '卡密已过期',
            'data' => [
                'card_key' => $card_key,
                'status' => '已过期',
                'expire_date' => $result['expire_date'] ?? '未设置',
                'duration_days' => $result['duration_days'] ?? '',
                'message' => '该卡密已过期'
            ]
        ));
        break;

    default:
        echo json_encode([
            'success' => false,
            'message' => $result['message'] ?? '验证失败',
            'data' => [
                'card_key' => $card_key,
                'status' => '无效',
                'message' => $result['message'] ?? '卡密无效'
            ]
        ));
    }
}

curl_close($curl);
exit;
}
?>
<!DOCTYPE html>
<html>
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>卡密验证系统</title>
    <style>
        body {

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```
    font-family: Arial, sans-serif;
    display: flex;
    justify-content: center;
    align-items: center;
    min-height: 100vh;
    margin: 0;
    background: linear-gradient(135deg, #f5f7fa 0%, #c3cfe2 100%);
    -webkit-touch-callout: none;
    -webkit-user-select: none;
    -khtml-user-select: none;
    -moz-user-select: none;
    -ms-user-select: none;
    user-select: none;
}

.container {
    background: white;
    padding: 2rem;
    border-radius: 10px;
    box-shadow: 0 0 20px rgba(0,0,0,0.1);
    width: 100%;
    max-width: 400px;
    transform: translateY(0);
    transition: transform 0.3s ease;
}

.container:hover {
    transform: translateY(-5px);
}

.form-group {
    margin-bottom: 1.5rem;
}

input {
    width: 100%;
    padding: 0.8rem;
    border: 2px solid #e0e0e0;
    border-radius: 5px;
    font-size: 1rem;
    transition: border-color 0.3s ease;
}

input:focus {
    border-color: #4a90e2;
    outline: none;
}

button {
    width: 100%;
```

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padding: 1rem;
background: #4a90e2;
color: white;
border: none;
border-radius: 5px;
font-size: 1rem;
cursor: pointer;
transition: background 0.3s ease;
}
button:hover {
  background: #357abd;
}
.result {
  margin-top: 1rem;
  padding: 1rem;
  border-radius: 5px;
  display: none;
  word-break: break-all;
}
.success {
  background: #d4edda;
  color: #155724;
}
.error {
  background: #f8d7da;
  color: #721c24;
}
.warning {
  background: #fff3cd;
  color: #856404;
}
.info {
  background: #cce5ff;
  color: #004085;
}
.loading {
  display: none;
  text-align: center;
  margin: 1rem 0;
}
.loading::after {
  content: '';
  display: inline-block;
  width: 20px;
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        height: 20px;
        border: 3px solid #f3f3f3;
        border-top: 3px solid #3498db;
        border-radius: 50%;
        animation: spin 1s linear infinite;
    }

    .card-info {
        margin-top: 0.5rem;
        font-size: 0.9rem;
        line-height: 1.5;
    }

    @keyframes spin {
        0% { transform: rotate(0deg); }
        100% { transform: rotate(360deg); }
    }
</style>
</head>
<body>
    <div class="container">
        <h2 style="text-align: center; margin-bottom: 2rem;">卡密验证</h2>
        <form id="verifyForm">
            <div class="form-group">
                <input type="text" name="card_key" placeholder="请输入卡密" required>
            </div>
            <input type="hidden" name="token" value="<?php echo $token; ?>">
            <button type="submit">验证</button>
        </form>
        <div class="loading"></div>
        <div class="result"></div>
    </div>

```

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<script>
document.querySelector('#verifyForm').addEventListener('submit', async function(e) {
    e.preventDefault();

    const form = this;
    const loading = document.querySelector('.loading');
    const result = document.querySelector('.result');
    const cardKey = form.card_key.value;
    const token = form.token.value;

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    if(!token) {
        result.className = 'result error';
        result.innerHTML = '验证失败: 无效的请求';
    }

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    return;  
  }
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```
loading.style.display = 'block';  
result.style.display = 'none';
```

```
try {  
  const formData = new FormData();  
  formData.append('card_key', cardKey);  
  formData.append('token', token);  
  
  const response = await fetch(window.location.href, {  
    method: 'POST',  
    body: formData  
  });  
  
  const data = await response.json();  
  
  loading.style.display = 'none';  
  result.style.display = 'block';  
  
  if(data.success) {  
    result.className = 'result success';  
    let html = `<div>验证成功</div><div class="card-info">  
      <div>卡密状态: ${data.data.status}</div>  
      <div>激活时间: ${data.data.activate_time || '未激活'}</div>  
      <div>失效时间: ${data.data.expire_date || '未设置'}</div>  
      <div>使用时长: ${data.data.used_time || '0'}天</div>`;  
  
    if (data.data.duration_days) {  
      html += `<div>总时长: ${data.data.duration_days}天</div>`;  
    } else {  
      html += `<div>总时长: 永久</div>`;  
    }  
  
    if (data.data.message) {  
      html += `<div>备注: ${data.data.message}</div>`;  
    }  
  
    result.innerHTML = html + '</div>';  
  } else {  
    result.className = 'result error';  
    result.innerHTML = `<div>${data.message}</div><div class="card-info">  
      <div>卡密: ${data.data.card_key}</div>
```

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        <div>状态: ${data.data.status}</div>
        <div>激活时间: ${data.data.activate_time || '未激活'}</div>
        <div>失效时间: ${data.data.expire_date || '未设置'}</div>
        <div>使用时长: ${data.data.used_time || '0'}天</div>
        <div>详情: ${data.data.message}</div>
    </div>`;
    }
} catch (error) {
    loading.style.display = 'none';
    result.style.display = 'block';
    result.className = 'result error';
    result.innerHTML = '验证请求失败, 请稍后重试';
    console.error('验证请求错误:', error);
}
});
</script>
</body>
</html>
```