📁 isa2 ☆   ⌥ master ⊕   April 5, 2023 at 8:21 PM   Version not provided 🏠

| Overview | Issues | Security Hotspots | Measures | Code | Activity | | Project Settings ▾ | ☰ Project Information |

Filters | Assigned to me | All | Status | To review ▾ | | Overall code ▾ | Security Hotspots Reviewed ❓   ⭕   **0.0%**

Make sure that using this pseudorandom number generator is safe here.

| Add Comment | Open in IDE | 🔗 Get Permalink |

🛡 **2 Security Hotspots to review**

Review priority: MEDIUM

| **Weak Cryptography** | 1 | ⌃ |

> Make sure that using this pseudorandom number generator is safe here.
> **TO REVIEW**

Review priority: LOW

| **Insecure Configuration** | 1 | ⌃ |

> Make sure this permissive CORS policy is safe here.
> **TO REVIEW**

2 of 2 shown

Category   **Weak Cryptography**

Review priority   MEDIUM

Assignee   **Not assigned** ✏

Status: To review
This Security Hotspot needs to be reviewed to assess whether the code poses a risk.

📄 ArenaGestor.BusinessHelpers/StringGenerator.cs 📄

```
 6        public class StringGenerator
 7        {
 8            public static string GenerateRandomToken(int length)
 9            {
10                var allChar = "ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrestuvwxyz0123456789";
11                var random = new Random();
12                var resultToken = new string(
13                    Enumerable.Repeat(allChar, length)
14                    .Select(token => token[random.Next(token.Length)]).ToArray());
15
16                return resultToken.ToString();
```

| What's the risk? | Are you at risk? | How can you fix it? |

💡 Method overrides should not …

isa2   master ⊕

Overview   Issues   **Security Hotspots**   Measures   Code   Activity   Project Settings ▾   ☰ Project Information

Filters | Assigned to me | All | Status | To review ▾ | | Overall code ▾ | Security Hotspots Reviewed ❓   ◯ **0.0%**

🛡 **2 Security Hotspots to review**

Review priority: **MEDIUM**

Weak Cryptography   1   ⌃

> Make sure that using this pseudorandom number generator is safe here.
>
> **TO REVIEW**

Review priority: **LOW**

Insecure Configuration   1   ⌃

> Make sure this permissive CORS policy is safe here.
>
> **TO REVIEW**

2 of 2 shown

When software generates predictable values in a context requiring unpredictability, it may be possible for an attacker to guess the next value that will be generated, and use this guess to impersonate another user or access sensitive information.

As the `System.Random` class relies on a pseudorandom number generator, it should not be used for security-critical applications or for protecting sensitive data. In such context, the `System.Cryptography.RandomNumberGenerator` class which relies on a cryptographically strong random number generator (RNG) should be used in place.

Activity:

> 4   **46576525+federicoalonso@users.noreply.github.com** created Security Hotspot - April 2, 2023 at 1:17 PM

| Add Comment |

💡 Method overrides should not …