1.A01:2021-Broken Access Control

DESCRIPTION

Users cannot act outside of their intended permissions. Leads to unauthorized data disclosure, modification and destruction outside the user's limits.

BUSINESS IMPACT

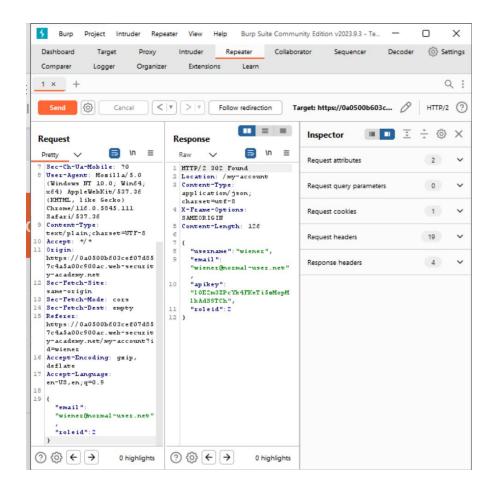
Giving any user authorization to perform such task which they are not supposed to will result in information exposure, dos(denial of service) and arbitrary code execution



CWE:284

LAB DETAILS: We have accessed the admin panel and used it to delete a user from the database. As an outsider,by accessing the admin panel,we can make changes in the database which can cause data breaches





2. A02:2021-Cryptographic Failures

DESCRIPTION

Passwords, credit card numbers, health records, personal information and business secrets all require extra protection.

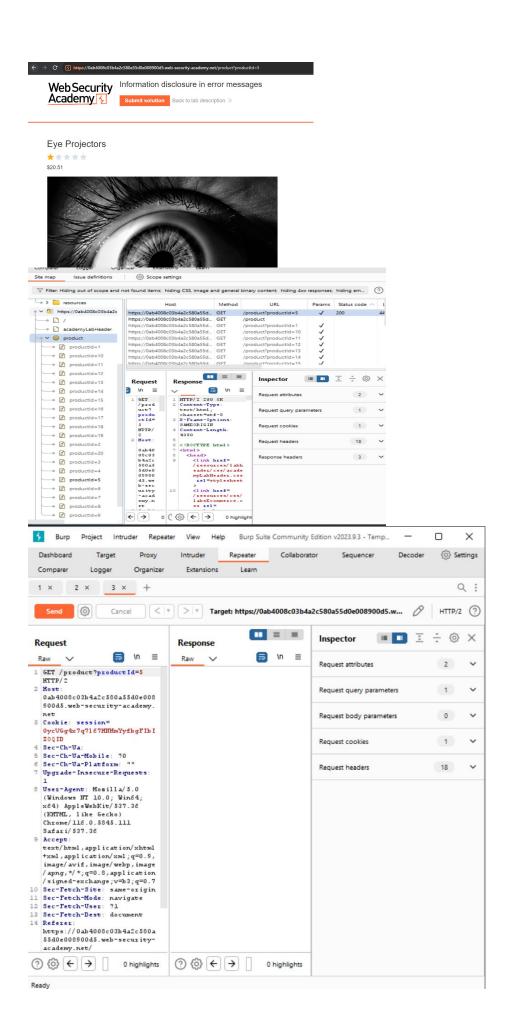
BUSINESS IMPACT

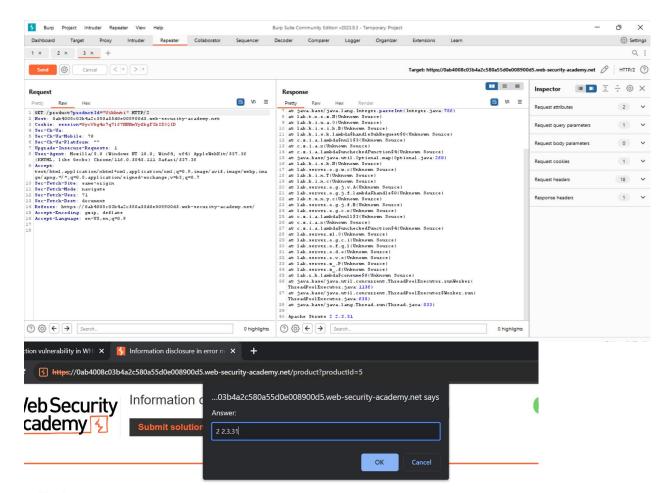
After acquiring password hashes, the attacker can apply various brute force hashes offline.

We can prevent this by including resources which are as intensive as possible

Cwe:322

LAB Details: We have change the primary key data form numeric to non numeric form and now the request sent to repeater produces and an error. The error message produces an APACHE address which can be used for certain information disclosures, which includes the cryptographic failures.





'e Projectors

3.<u>A03:2021-Injection</u>

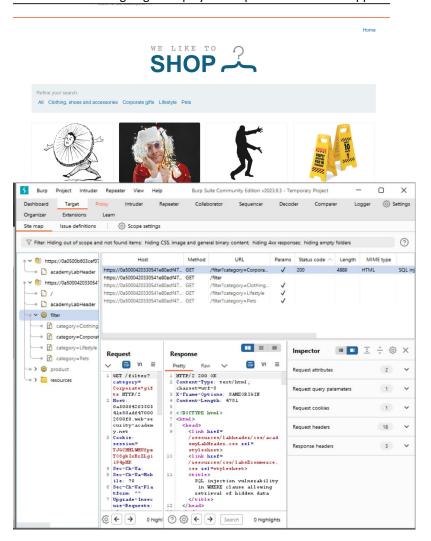
DESCRIPTION

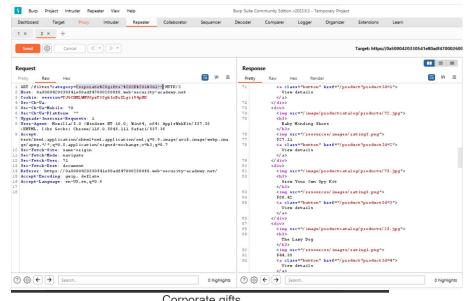
Using dynamic sql queries and commands to perform data breaches and modification. **BUSINESS IMPACT**

These risks involve display of malicious content on the page which is visible to the user.

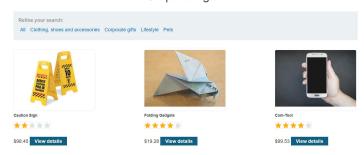
The attacker can perform privileged tasks of the user to gain access to the personal information. For eg: injecting an XSS(cross site scripting-security vulnerability) log in message which cannot be handled by the user at that time.

CWE:77 **LAB Details:**By injecting certain queries, we have made changes in the display. Even after choosing the filter the website is going to display all the products. This has happened due to sql injection.





Corporate gifts



4.A04:2021-Insecure Design

DESCRIPTION

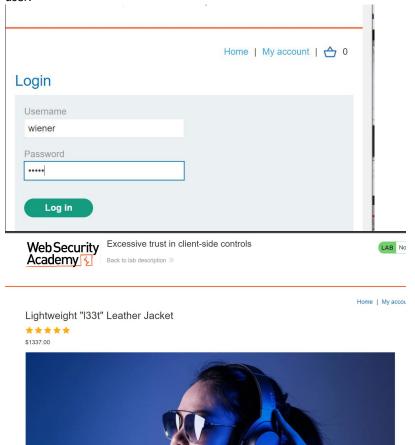
Missing or ineffective control design. An insecure design cannot be fixed with a perfect implementation.

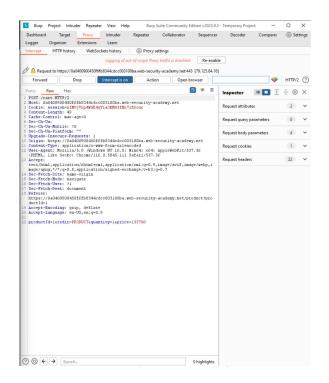
BUSINESS IMPACT

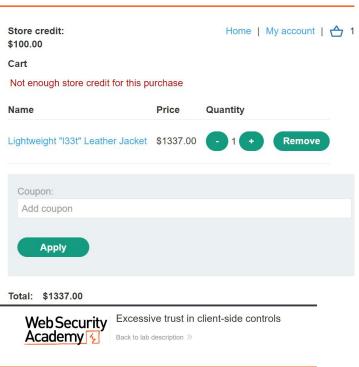
Flaws in security settings, configurations and hardening of different systems across the pipelines. Giving the hackers an opportunity to expand their footprints.

cwe:501

LAB Details: We have modified the amount of money available in the user account which can lead them into purchasing items out priced over their actual budget It can lead to financial failures for the user.







Congratulations, you solved the lab!

Store credit:
\$87.00

Your order is on its way!

Price Quantity

Total: \$13.00

Lightweight "I33t" Leather Jacket \$1337.00 1

5. A05:2021-Security Misconfiguration

DESCRIPTION

Makes users send unwanted cookies in an HTML session

BUSINESS IMPACT

Hackers can gain unauthorized access to the networks, systems and data, which can in turn cause monetary and reputation damage to your organization. CWE:776

LAB Details: We have changed the XML script which can lead to disclosure of secure information about the website.



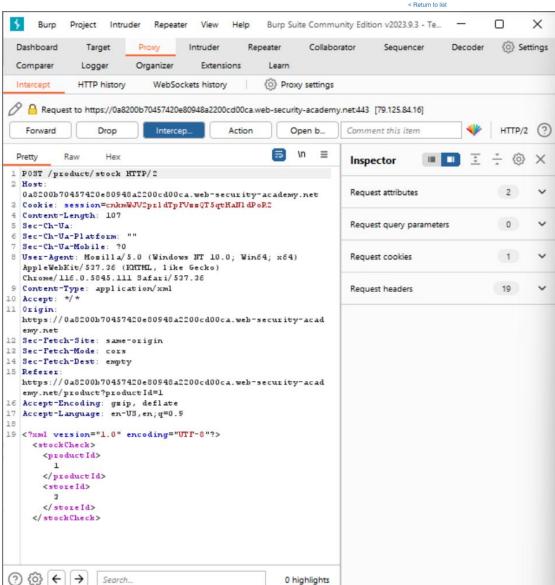
Description

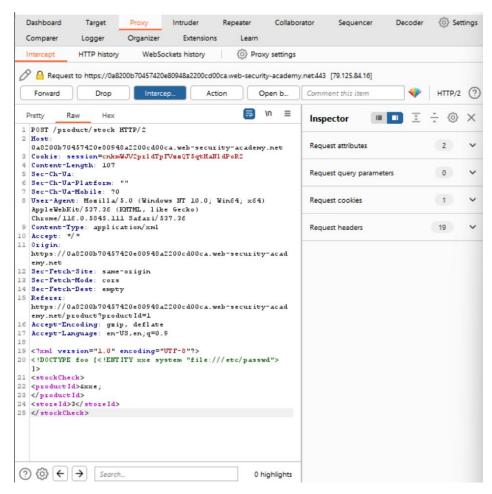
Do you love public displays of affection? Are you and your partner one of those insufferable couples that insist on making the rest of us feel nauseas? If you answered yes to one or both of these questions, you need the Couple's Umbrella. And possible therapy.

Not content being several yards apart, you and your significant other can dance around in the rain fully protected from the wet weather. To add insult to the rest of the public's injury, the umbreila only has one handle so you can be sure to hold hands whilst barging children and the elderly out of your way. Available in several romantic colours, the only tough decision will be what colour you want to demonstrate your over the top tove in public.

Cover both you and your partner and make the rest of us look on in envy and disgust with the Couple's Umbrella.







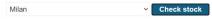


Description:

Do you love public displays of affection? Are you and your partner one of those insufferable couples that insist on making the rest of us feel nauseas? If you answered yes to one or both of these questions, you need the Couple's Umbrella. And possible therapy.

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Cover both you and your partner and make the rest of us look on in envy and disgust with the Couple's Umbrella.



Could not fetch stock levels!