Lovejoy Antiques and AWS VPC

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# Important Information

Codefilelocation

Panopto recording - <https://sussex.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=20b5765a-297d-4040-a8de-b23c0151ae38>

# 

# Task 0 – Self-reflection

|  |  |  |  |
| --- | --- | --- | --- |
| **Marking criteria** | **Sub criteria** | **Tick/cross** | **Marks**  (from the main marking grid, assign fair marks to yourself) |
| Password policy | Password entropy | X |  |
| Security questions | X |
| Password recovery | X |
| Vulnerabilites | SQL injection, | X |  |
| XSS, | X |
| CSRF, | X |
| File Upload and | X |
| any other obvious vulnerability. | X |
| Authentication/Encrypted storage | User registration, User login | X |  |
| Email verification for registration, | X |
| 2 factor authentications (PIN and or email) | X |
|  | Encrypted storage | X |
| Obfuscation/Common attacks | Brute force attack – Number of attempts | X |  |
| Botnet attack – Captcha | X |
| Dictionary attack/Rainbow table attack | X |
| Features of web application | Database design | X |  |
| User registration | X |
| User login | X |
| Forgot password | X |
| Evaluation | X |
| List evaluation | X |
| VPC | Evidence provided | X |  |
| Video | All the marking criteria covered | X |  |
| Self-reflection | This marking grid fill out properly | X |  |
|  |  |  | Total marks = |

# Task 1 – User registration

Registration feature code screenshots

Database Table

Why do you think it is secure?

# Task 2 – Develop a secure login feature

Login feature code screenshots

Why do you think it is secure?

# Task 3 – Implement password strength and password recovery

List each password policy element that you implemented and back it up with code snippets from your application.

# Task 4 – Implement a “Evaluation Request” web page

Request Evaluation feature screenshot

Why do you think it is secure?

# Task 5 – Request Listing Page

Code of the feature

Why do you think it is secure?

# Task 6 – AWS Virtual Private Cloud settings screenshots

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a phone

Description automatically generated

A white background with black text

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

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A screenshot of a computer

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A screenshot of a computer

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A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a group

Description automatically generated

A screenshot of a group

Description automatically generated

A screenshot of a computer

Description automatically generated

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Description automatically generated

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