**EZ Meals Security Report**



for

Senior Capstone Project

**Prepeared by:**

**Dam Security**

Alanna Croysdale

Ian Delgado

William Endicott

Sunwoo Kim

Oregon State University

February 17, 2023

**TABLE OF CONTENTS**

[**EXECUTIVE SUMMARY**](#_jntupbx6ijks) **2**

[**INTRODUCTION (i.e. what are we going to do)**](#_1uf3s2x8slnm) **1**

[**EZ MEALS**](#_at6iazebdpan) **2**

[Threat Model](#_wdzwknu61yro) 3

[Success Measures](#_6hdzae58t8dj) 3

[Users](#_febhsrhasumb) 3

[DNS](#_jepqwlhf3usb) 3

[Web Application](#_w2q3uye4yd76) 3

[Files/Database](#_ya1hhb2rpjcg) 3

[Logs](#_ps5ghn4wwy9h) 3

[Cloud services(AWS)](#_6zlhyutlxnp5) 3

[Vulnerability Scanning Results](#_dzgqufvz23bd) 4

[Penetration Testing Process](#_odgb9jjnszcm) 5

[Security Review](#_w2gprkj8g52o) 6

[Reccomendations](#_xzjrgly5useu) 7

[**CONCLUSION**](#_6vw9i0weveb5) **8**

[**REFERENCES**](#_pqrwjw9e1ol1) **9**

# 

# EXECUTIVE SUMMARY

helpful link for writing this: <https://www.helpforassessment.com/blog/abstract-vs-executive-summary/#:~:text=Both%20an%20abstract%20and%20an,be%20longer%20than%20the%20abstract>.  
<https://www.upguard.com/blog/writing-a-cybersecurity-executive-summary>

# INTRODUCTION (i.e. what are we going to do)

In this document are several security reviews of web and mobile applications. The reviews were conducted following the NIST framework. Potential security vulnerabilities were identified by doing a risk assessment of each application, then penetration testing was conducted.

# EZ MEALS

## 

## Threat Model

## 

### Success Measures

### Users

### DNS

### Web Application

### Files/Database

### Logs

### Cloud services(AWS)

## Vulnerability Scanning Results

## 

## Penetration Testing Process

## Security Review

# 

## Reccomendations

## 

# CONCLUSION

# REFERENCES

[1] - “NIST Technical Series Publications.” *National Institute of Standards and Technology*, 16 Apr. 2018, <https://nvlpubs.nist.gov/nistpubs/CSWP/NIST.CSWP.04162018.pdf>.

[2] - Brathwaite, Shimon. “Active Vs Passive Cybersecurity Reconnaissance in Information Security.” SecurityMadeSimple, 23 Feb. 2021, www.securitymadesimple.org/cybersecurity-blog/active-vs-passive-cyber-reconnaissance-in-information-security.

[3] - “Understanding the Five Phases of the Penetration Testing Process.” Cybersecurity Exchange, 1 Aug. 2022, www.eccouncil.org/cybersecurity-exchange/penetration-testing/penetration-testing-phases.

[4] - undefined [Simplilearn]. “Nmap Tutorial for Beginners | How to Scan Your Network Using Nmap | Ethical Hacking | Simplilearn.” YouTube, 9 Apr. 2022, www.youtube.com/watch?v=NtPcoDtetvk.