Risk Analysis

Name: Tony Jiang

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# Introduction

This document outlines the security risks that can occur in the music trivia web-based game and evaluates whether they are covered in the project and how they would be addressed. Using the top 10 OWASP also help define some security risks for this project.

# Risk identification

The “impact” is how long it would take to implement it in the project. Where 1 is low and 5 is high.

The “likelihood” is how likely the security risk can happen Where 1 is low and 5 is high.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Risk ID | Risk Description | Impact(1-5) | Likelihood(1-5) | Implemented |
| 1 | Unauthorized access to the song management section of the website. | 3 | 2 | Yes |
| 2 | Storage of user passwords in the database without encryption. | 1 | 1 | Yes |
| 3 |  |  |  |  |
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|  |  |  |  |  |

# Mitigation plan

This section outlines how the identified security problems will be addressed. It includes implementation strategies or solutions to solve the problem. These measures are to be taken into consideration.

## Unauthorized access to the song management section of the website.

**Mitigation:** Implement user roles.

**Evidence:**

## Storage of user passwords in the database without encryption.