Likelihood

Low: 1

Medium: 2

High: 3

Impact

Low: 1

Medium: 2

High: 3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Asset | Threat | Likelihood | Impact | Priority | Justification | Recommendation |
| Customer Account Database | Unauthorized access | 3 | 3 | 9 | Centralized database with sensitive information | Implement strong access controls, encryption, and monitoring |
| Web Application | Application vulnerabilities | 2 | 3 | 6 | Critical for customer record access | Regularly update and patch applications, conduct security audits. |
| Laptops Business Use | Theft or loss,  Unauthorized access | 2 | 3 | 6 | Business critical devices for employees | Implement encryption, enforce strict physical security measures |
| Main Servers | Physical Damage or theft | 2 | 3 | 6 | Centralized servers storing critical data | Enhance physical security, consider off-site back up solutions |
| IT Team Office | Unauthorized access | 2 | 2 | 4 | Office with access to sensitive IT infrastructure | Implement access controls, enhance physical security measures |
| Third Party Software Team | Compromise of development environment | 1 | 2 | 2 | Critical for maintaining web application | Regularly audit and monitor third party activities, secure development practices. |
| Company’s web site | Web application vulnerabilities | 2 | 3 | 6 | Represents the company online presence, leads to financial loss. | Regularly update website software, implement web security best practices. |
| Main Office | Physical security breach or intrusion | 1 | 2 | 2 | Central coordination and management of services. | Strengthen physical security measure, implement surveillance |

The main asset of Angela Credit Group needs to protect are Customer account database, Laptop business use, Web application, and Company’s website.

The customer’s account database and the laptop business use, web application and company’s website needs to be properly secured because when it tempered with business might not move forward and may loss customers, and can also lead to financial loss of the company.