Security Plan for a Small Business

Milestone 3
Jessica Casasola, James Vesper, Phuc Nguyen, Craig
Englert and Charles Pegram
IT4983 IT Capstone
Section 1
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Project Summary

Overall Progress is at 100% which is on schedule for Milestone 3.

Security Plan completed.

Final Report completed.

Small Business Website completed.

Final Deliverables:

- Final Report
- Security Plan
- Small Business Website Completed

Final Deliverables are completed.

Milestone 3 Assessment

- Final Report… Completed
- Security Plan Final Version… Completed
- Create a Small Business Website… Completed

Final Report

- The team has begun the rough draft for the project's final report with the required information.
    - The background of the project including the goals, project scope, and technical background
    - The outcomes and achievements of the project, such as system analysis, documentation summaries, etc.
    - A summary of management and planning for the project including the project process, and team contribution.
    - Team Reflections explaining how we all worked together as a team including any challenges we faced.

Security Plan

Best practices were researched and used as reference points.

Tools researched in Milestone 1 that are being utilized are referenced in the document.

The document contains a Risk Assessment Table for reference as was suggested as industry standard.

Create a Small Business Website

- Since the website was not the focus of this project per instructions of the sponsor, James found a free website template which is being used to satisfy this requirement.

Gantt Chart

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	**Project Name:**	Security Solution for a Small Business																
2	**Report Date:**	9/6/2021																
3							*Milestone #1***			*Milestone #2***				*Milestone #3***					
4	**Deliverable**	**Task**	**% Complete**	**Current Status Memo**	**Assigned To****	09/06	09/13	09/20	09/27	10/04	10/11	10/18	10/25	11/01	11/08	11/15	11/29	12/06
5	Creating the Business	Host Business Website	0%		James	10												
6		Research Security Plan	0%		Charles and Phuc		12	5										
7		Research Security Infrastructure	0%		Jessica and Craig		12	5										
8		Pick Security Solution	0%		All				5									
9	Security	Complete Documentation on Security Plan	0%		Charles and Phuc				3	14	5							
10		Complete Documentation on Security Infrastructure	0%		Jessica and Craig				2	14	5							
11		Document Security Testing	0%		All							12	5					
12		Document Findings Report	0%		All								15	5				
13	Final Report	Presentation Preparation	0%		All									8				
14		Formal Presentation	0%		All										15	5		
15		Final Report Submission	0%		All												6	1
16																		
17		**Total workload**	164			10	24	10	10	28	10	12	20	13	15	5	6	1
18																		
19	*Legend*																	
20	Planned	2																
21	Delayed	0																
22	Number	Workload: Hours																
23	**	Subject to Change																
24																		
25																		
26																		

https://docs.google.com/spreadsheets/d/1DEwAHYEprizMGYGW0KJUeFhDTGCd4H9SxN3qnFKWOcU/edit#gid=0

Member Workloads & Accomplishments

Jessica: Security infrastructure research, minor security change to server, some milestone slide changes, security plan draft/risk assessment

Craig: Minor milestone 1 adjustments, milestone 2 server security, milestone 3 vulnerability assessment

James: Found website template, installed and set up Tripwire and Fail2Ban, worked on presentations

Phuc: Security Plan Research, installed and set up Avast Antivirus, research options to secure server.

Charles: Milestone 1, 2 and 3 formatting and general slides, Security Plan, Research into penetration testing and security tools, Linux Commands and server management best practices

Project Experience

Final Thoughts:

- Scheduling and time management was a challenge throughout the semester.
- Communication has improved throughout the project.