

Experiment No.:

Aim: To study Project charter report.

Introduction

In project management, a project charter, project definition, or project statement is a statement of the scope, objectives, and participants in a project. It provides a preliminary delineation of roles and responsibilities, outlines the project objectives, identifies the main stakeholders, and defines the authority of the project manager. It serves as a reference of authority for the future of the project. The terms of reference are usually part of the project charter.

Template

Project Name or Identification

Project Stakeholders

- Names
- Titles or roles
- Phone numbers
- E-mail addresses

Project Description

- Background
- Description of the challenge or opportunity
- Overview of the desired impact

Measurable Organizational Value (MOV)

- Statement or table format

Project Scope

- What will be included in the scope of this project
- What will be considered outside the scope of this project

Project Schedule Summary

- Project start date
- Project end date
- Timeline of project phases and milestones
- Project reviews and review dates

Project Budget Summary

- Total project budget
- Budget broken down by phase

Quality Issues

- Specific quality requirements

Resources Required

- People

- Technology
- Facilities
- Other
- Resources to be provided
 - Resource
 - Name of resource provider
 - Date to be provided

Assumptions and Risks

- Assumptions used to develop estimates
- Key risks, probability of occurrence, and impact
- Constraints
- Dependencies on other projects or areas within or outside the organization
- Assessment project's impact on the organization
- Outstanding issues

Project Administration

- Communications plan
- Scope management plan
- Quality management plan
- Change management plan
- Human resources plan
- Implementation and project closure plan

Acceptance and Approval

- Names, signatures, and dates for approval

References

Terminology or Glossary

Appendices (as required)

PROJECT CHARTER

1) PROJECT NAME: SpyD: An automated security tool

2) PROJECT STAKEHOLDERS:

NAMES	PHONE NO.	EMAIL ID
Sumit Awinash	9082242598	awinash.sumit@gmail.com
Harshvardhan Dubey	9167028168	dubeyharsh7@gmail.com
Abhishek Pandey	9004917139	abhi0101010@gmail.com
Pratik Varma	9768457759	ninjaboysamurai@gmail.com

3) MEASURABLE ORGANIZATIONAL VALUE (MOV):

By building SpyD we aim to provide a product similar to current pen test tools like PineAP at a very considerably lower price along with packet tracing which will help the organization to manage their security.

4) PROJECT SCOPE:

We are developing a networking monitoring tool that is cost efficient tool parallel to current pentest tools along with additional features.

5) PROJECT SCHEDULE SUMMARY:

Start date: 9/7/2018

End date: 4/10/2019

Timeline of project phases & milestones:

PHASES	WORKDONE	ESTIMATED DATE	COMPLETION
phase1	Information gathering	12/7/2018	
Phase2	Resource gathering	25/7/2018	
Phase3	Assembling hardware	2/8/2018	
phase4	OpenWRT Scripting	16/8/2018	
phase5	Designing front End	20/8/2018	
phase6	Delivering project	4/9/2018	

Project review & review dates:

NAME	PHASES	DATES OF REVIEW	
Prof. Reena Kothari	phase1	12/7/2016	
Prof. Reena Kothari	Phase2	25/7/2016	
Prof. Reena Kothari	Phase3	2/8/2016	
Prof. Reena Kothari	phase4	16/8/2016	
Prof. Reena Kothari	phase5	20/9/2016	
Prof. Reena Kothari	phase6	4/10/2016	

6) PROJECT BUDGET SUMMARY:

Total budget: RS.9000/-

Budget broken down by phases:

ACTIVITIES	ESTIMATED BUDGET
Requirement gathering	None
Resource gathering	RS.8000/-
Assembling hardware	RS.500/-
OpenWRT Scripting	RS.500/-
Delivering project to the owner	None

7) QUALITY ISSUE:

- Develop a system that can replace the conventional penetration testing systems
- Perform tests to eliminate vulnerabilities
- Develop a tool which analyses incoming and outgoing traffic
- Create an easy user interface for users to trace and perform tests
- Help perform attacks like Man-in-the-Middle, eavesdropping, etc.
- Combined with social engineering for better results

8) RESOURCES REQUIREMENT:

People –

2-3 people are required to complete the project on time. They should be dedicated to their work.

Technology-

Newest versions of software are required.

Facility-

Home delivery of required product as early as possible.

9) ASSUMPTION & RISK:

Outlined below are risks involved with the upgrade.

- Incompatible hardware
- Incompatible software
- Driver issues
- Network communication issues
- Loss of data

To reduce these risks preliminary reviews and tests will be performed on system hardware and software. A full backup of the system will be performed prior to implementation. Testing will be conducted throughout the process of implementation to ensure workability. Upon completion of installation test will be conducted to ensure that the installation was successful and that the system is stable.

10) PROJECT ADMINISTRATION:

- **Communication plan:**

Communication with customer should be done through SMS, mails and feedback in order to get more idea about requirements.

- **Quality management plan:**

Since quality plays very important role while attracting more & more customers, we will provide our best efforts towards quality management. Make sure that mobile accessories are in good condition when they are delivered to customers.

- **Change management plan:**

Whatever changes are suggested by the customers & owner via feedback will be implemented as soon as possible(within 48 hrs).

- **Implementation & project closure plan:**

As soon as development is done project will be delivered to the customer within 4 days.

11) ACCEPTANCE & APPROVAL:

NAME	DATES OF APPROVAL	SIGNATURE

12) REFERENCES:

<http://www.iolite.org.in/notice-board-management/>

<https://wiki.wifipineapple.com/#!/index.md>

<https://www.hak5.org/gear/wifi-pineapple/docs>

<https://www.youtube.com/watch?v=40Igm3upL0&feature=youtu.be&a>

https://motherboard.vice.com/en_us/article/pa39xv/pineapple-wifi-how-to-mitm-hack

“Cybergrenade: Automated Exploitation of Local Network Machines via Single Board Computers

<https://ieeexplore.ieee.org/document/8108803/> “

13) GLOSSARY:

SDLC: software development life cycle

Penetration testing: A hands-on introduction to hacking, Book by Georgia Weidman

Conclusion:

Thus, we have prepared the project charter plan.