Experiment no: 5

Aim: To develop Work Breakdown Structure for SpyD: An automated security tool.

Introduction:

A work breakdown structure (WBS), in project management and systems engineering, is a deliverable-oriented decomposition of a project into smaller components. A work breakdown structure is a key project deliverable that organizes the team's work into manageable sections. The Project Management Body of Knowledge (PMBOK 5) defines the work breakdown structure as a "A hierarchical decomposition of the total scope of work to be carried out by the project team to accomplish the project objectives and create the required deliverables."

A work breakdown structure element may be a product, data, service, or any combination thereof. A WBS also provides the necessary framework for detailed cost estimating and control along with providing guidance for schedule development and control.

Work Breakdown Structure

1.0 SpyD : An automated Security tool
2.0 Conceptualize and Initialize project

    2.1 Problem Definition
        2.1.1   SpyD : An automated Security tool description
        2.1.2   Existing System Vs Proposed System
        2.1.3   Functional Requirement
                2.1.3.1 Hardware & System Requirement
                2.1.3.2 System Requirement
        2.1.4   Non-functional Requirement
        2.1.5   Security Requirement
        2.1.6   Milestone: Problem definition agreed by organization and customer.

    2.2 Business Case
        2.2.1   Executive Summary
                2.2.1.1 Objectives
                2.2.1.2 Mission
                2.2.1.3 Keys to Success
        2.2.2   SWOT analysis
                2.2.2.1 Strengths
                2.2.2.2 Weaknesses
                2.2.2.3 Opportunities
                2.2.2.4 Threats
        2.2.3   College Analysis
                2.2.3.1 Analyzing traditional network security methods
        2.2.4   Product Offering

Conclusion:

Thus, developed Work Breakdown Structure for SpyD: An automated Security tool.