

# Implementation of Burp Suite

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**K. J. SOMAIYA COLLEGE OF ENGINEERING, VIDYAVIHAR, MUMBAI  
400077  
(A CONSTITUENT COLLEGE OF SOMAIYA VIDYAVIHAR UNIVERSITY)**

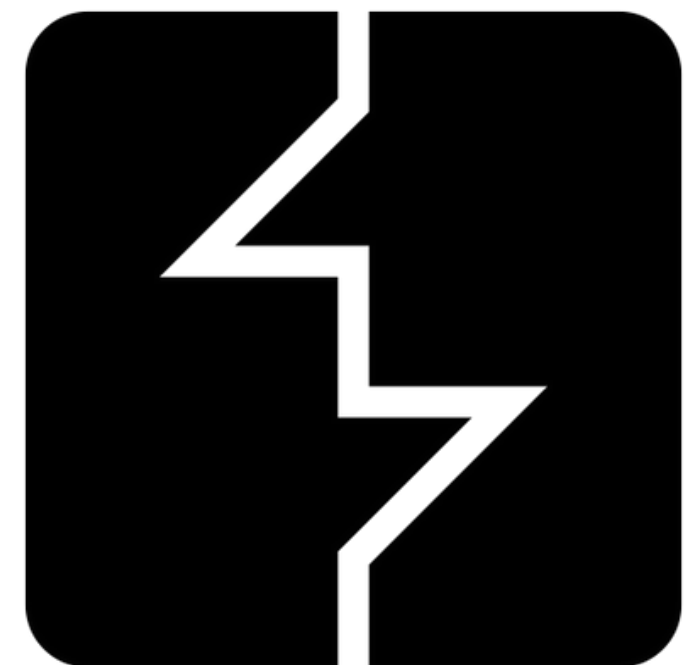
**Implementation of Burp Suite  
A report submitted under the course of  
Information Security  
BY  
Division A-Branch: Computer Science**

Sanyukta Joshi (16010120019)  
Umaima Dabir (16010120064)  
Ishika De(16010120065)  
Tanvi Deshpande (16010120067)

# Introduction

Burp or Burp Suite is a set of tools used for penetration testing of web applications. BurpSuite is designed to be an all-in-one toolkit, and BApps are add-ons that may be installed to expand its functionality. It is the most popular tool among professional web app security researchers and bug bounty hunters. Its ease of use makes it a more suitable choice over free alternatives like OWASP.

Various Burp Suite tools work seamlessly together to support the entire testing process, from initial mapping and analysis of an application's attack surface, through to finding and exploiting security vulnerabilities.



# Features

01

## Manual Testing Features

- Intercepts everything the browser sees
- Break HTTPS effectively
- Manage recon data
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- Expose hidden attack surface
- Test for clickjacking attacks
- Assess token strength

02

## Advanced/custom automated attacks

- Faster brute-forcing and fuzzing
- Facilitate deeper manual testing
- Query automated attack results
- Scan as you browse
- Automatically modify HTTP messages
- Construct CSRF exploits

# Features

03

## Automated scanning for vulnerabilities

- Remediate bugs effectively
- Conquer client-side attack surfaces
- Configure scan behavior
- Fuel vulnerability coverage with research
- Navigate difficult applications
- Experience browser-driven scanning
- Fine-tune scan control

04

## Productivity tools

- Deep-dive message analysis
- Make code more readable
- Utilize both built-in and custom c
- Easily remediate scan results
- Simplify scan reporting
- Multiply project options
- Speed up data transformation

# Implemented Features

## **Proxy**

Burp Proxy operates as a web proxy server between the browser and target applications. It enables the user to intercept, inspect, and modify traffic that passes in both directions.

## **Repeater**

Burp Repeater is a tool that enables you to modify and send an interesting HTTP or WebSocket message over and over.

## **Intruder**

Burp Intruder is a tool for automating customized attacks against web applications. It enables you to configure attacks that send the same HTTP request over and over again.

## **Sequencer**

Burp Sequencer enables you to analyze the quality of randomness in a sample of tokens. You can use Sequencer to test any tokens that are intended to be unpredictable.

## **Comparer**

Burp Comparer enables you to compare any two items of data. You can use Comparer to quickly and easily identify subtle differences between requests or responses.