Weekly Report

Date: 09/24/2021

Team: 3

Name: 남득윤, 한영진, 문태의

1. Weekly Progress

|  | **Work Items** | **Progress and Discussion Items** |
| --- | --- | --- |
| 1 | Motivation for the research | Web security is getting more serious problem. |
| 2 | Web Security Issues Research | Various issues research based on OWASP 2021 - The Open Web Application Security Project |
| 3 | About specific project topic | Which vulnerability to discover on which type of web server |

Detailed Discussion Items

1. Research about Web Security

* Why we chose Web for our topic, investigation about web structure

2. investigation web security vulnerabilities

* which parts are vulnerable in Web

3. look up vulnerabilities report cases

* Spring Data REST/ Spring Security OAuth reports
* cases of reported issue about lighttpd server
* Web server vulnerabilities
  + SQL Injection
  + DDos Attack
  + Dictionary Attack
  + Command Injection
  + File Upload Attack
* Client vulnerabilities
  + CSRF
  + XSS
  + Javascript Injection

4. choosing the direction of the topic

* classifying vulnerabilities by similar cases
* web server selection depends on issues

2. Next-Week Plan

| **No** | **Work Items** | **Plan and Expected Issues/Approaches** |
| --- | --- | --- |
| 1 | Discussion on specific project topic | Members survey on security issues and the reason for the selection. |
| 2 | Project proposal document | Writing a project proposal introduction. Finding related studies. Create a project progress plan. |
| 3 | Assigning Roles | After topic selection, We would discuss in detail. |

Detailed Expected Issues

1. As the prevention for the topic ambiguity, we would select vulnerabilities based on CVE codes.

2. Complete the document outline by 9.26.

\* Business Trip Plan and Others

nothing